9/C

Shilpa Pharma Lifesciences Limited

(Unit-2: 100% Export Oriented Unit)

Plot No: 33, 33A & 40-47, Raichur Industrial Growth Centre, Chicksugur-584 134, Raichur District, Karnataka State, India.

CIN No. U24100KA2020PLC134081

SPL/100%EOU/EHS/026/2024-25

Date: 10.10.2024

То

Office of the Regional Office, Karnataka State Pollution Control Board, Building st Shed No.C-03 KSSIDC Industrial Estate, 3rd Cross, Hyderabad Road, Raichur – 584102

Sub: Submission of CFO Six month's compliance wise status report-reg. Ref: Consent Order No: AW-325854 Dated: 26/07/2021 PCBID:28295

Respected Sir,

With reference to the above subject, we are enclosing here with Six Months CFO condition wise compliance status report for the period from **April -2024 to September-2024**. List of Annexures: -

1.	Annexure – I	1	CFO Copy
2.	Annexure – II	:	Addendum to CFO
3.	Annexure – III	8	Stack Monitoring Reports
4.	Annexure – IV	:	Noise Level Monitoring Report
5.	Annexure – V	1	Hazardous Waste Authorization Copy
6.	Annexure – VI	5	Environment Cell Data
7.	Annexure – VII	:	Form-V Environment Statement Submission Acknowledgement
8.	Annexure – VIII	2	Air Pollution Control System Details
9.	Annexure – IX		Treated Water Analysis Reports
10.	Annexure – X	\$	Ambient Air Monitoring Reports
11.	Annexure – XI	:	Solvent Recovery System
12.	Annexure – XII	:	Bore well Water Analysis Reports
13.	Annexure – XIII		VOC Monitoring Reports
14.	Annexure – XIV	3	ISO 14001:2015 Standard Certificate

Kindly acknowledge the receipt of the same and do the needful.

Thanking You,

Yours Faithfully

Chethonined Stepatory

OHAHMA

For Shilpa Pharma Lifesciences Ltd, 100% EOU.



Sorporate A min Office : "Shilpa House", #12-6-214/A-1, Hyderabad Road, Raichur-584 135, Karnataka, India

CFO Conditions Compliance status Report

April -2024 to September -2024

Combined Consent Order No: AW-325854 Dated: 26/07/2021 PCB ID: 28295.

Combined consent for discharge of effluents under the Water (Prevention and Control of Pollution) Act, 1974 and emission under the Air (Prevention and Control of Pollution) Act, 1981

Ref: 1. Application filed by the applicant/organization on 23/06/2021.

- 2. Inspection of the on 22/06/2021 Industry/organization/by RO.
- 3. Proceedings of the CCM dated 22/07/2021, held on 22/07/2021.

Consent is hereby granted to the Occupier under Section 25(4) of the Water (Prevention & Control of Pollution) Act, 1974 (herein referred to as the Water Act) & Section 21 of Air (Prevention & Control of Pollution) Act, 1981, (herein referred to as the Air Act) and the Rules and Orders made there under and authorized the Occupier to operate /carryout industry/activity & to make discharge of the effluents & emissions confirming to the stipulated standards from the premises mentioned below and subject to the terms and conditions as detailed in the Schedule Annexed to this order.

Location:

Name of the Industry: Shilpa Pharma Lifesciences Ltd 100% EOU Plot no 33,33A, 40 to 47, Raichur Growth Centre

Address: Plot no 33,33A, 40 TO 47, Raichur Growth Centre Industrial Area: Raichur Growth Centre I.A, Chikkashugur,

Taluk: Raichur, District: Raichur

CONDITIONS:

a) Discharge of effluents under the Water Act:

Sr. No	Water Code	WC (KLD)	WWG (KLD)	Remark
1	Boiler Feed	216.000	10.000	Boiler blow down will be used for spraying on the ash
2	Cooling Water	155.500	20.000	
3	Domestic Purpose	30.000	25.000	
4	Manufacturing Processes	161.000	155.495	Process Effluent, QC, Washing and Cleaning, Scrubber, R&D
5	Others	15.000	0.000	For Green Belt
6	Others	0.500	0.505	For Contaminated Drums & liners washing

b) Discharge of Air emissions under the Air Act from the following stacks etc.

Sl. No.Description of chimney/outletLimits specified refer scheduleThe details of Sources, control equipment's and its specification, type of fuel, constituents to be
controlled in emissions etc. are detailed in Annexure-II.

S No		Terms and	d conditions			Compliance rep	ort	Complian ce Status
A	Treatment an	d disposal of	effluents und	er the water act	t.			
1	The discharge from the premises of the occupier shall pass through the terminal manhole/manholes whereTfromcthe Board shall be free to collect samples in accordance with the provisions of the Act/Rules made there underw			The unit is ZLD quantity water is recycled, the board is collecting the sample received water		Complied		
2 a)	tank and with	i soak pit. No septic tank ar	ient shall be tro overflow from nd soak pit sha	the soak pit is	colle	age/domestic effl cted in septic tan n into Biological tr :	k and	Complied
2b)	The	The treated sewage effluent discharged shall conform to the standards						
	S.No	Purpose	Water Consumptio n KLD	Waste Wat generation H		Mode of Disposal	Mode of treatme nt	
	I	Domestic	30	25		Domestic effluent collected in septic tank	Effluent collect in septic tank& Treated in Zero liquid discharg e system	Complied , CFO copy attached
3 a)	The trade effluent generated in the industry shall be treated in the ETP and treated effluent shall confirm to the standards stipulated by the Board Mode of Disposal				Mode of treatm ent	attached as Annexur e - I		

		The trade effluent generated in the industry is treated in the ETP and HTDS effluent from the unit- 1,HTDS effluent from the unit-2 are treated in ETP & the treated water is recycled. The HTDS effluent of unit-2 is sent to CETP for further treatment.	We are treating the trade effluent in the ETP, Stripper , MEE, ATFD & RO. Treated effluent re used for cooling towers makeup /The treated water confirm s to the standar ds stipulat ed by the Board.	Complie
3b)	The trade effluent shall be handed over to CETP and maintain logbook of effluent generated & sent every day	HTDS effluent is house facility ar sent to CETP ever remaining efflue in house and th effluent is recyce HTDS Quantity CETP at kadech Month KLD Sep- 2024 39.89 KLD (1196.81KL/ Mo August – 2024 42.57 KLD (1319.705KL/ Mo August)	nd partially ery day and ent is treated cled. sent to the ur in the	ed Ado ndu mt CFC is atta heo as Ani

4	to record the discharge quantity and maintain the record. The applicant shall not change or alter either the quality or the quantity or the place of discharge or temperature or the point of discharge without the previous consent/ permission of the Board. The applicant shall not allow the discharge from the other the discharges from other	re t Com plied Com
	premises to mix with the discharge from his premises. Storm water shall not be allowed to mix with the effluents on the upstream of the terminal manhole where the flow measuring devices are installed.	
7	The daily quantity of domestic effluent and trade effluent from the industry shall not exceed the limits as indicated in this consent order The daily quantity of domestic effluent and trade effluent trade treatment quantities with the limit	Com
8	The applicant shall discharge the effluents only to the place mentioned in the Consent order and discharge of treated/untreated outside the premises is not permitted. Effluent treated in Zero liq discharge, if treated efflue is used in utilities	
B. 1	The discharge of emissions from the premises of the applicant shall pass through the air pollution control equipment and discharged through stacks/chimneys mentioned in Annexure-II where from the Board shallThe discharge of flue gas /emissions passed through mdc Bag filter connecting	plied

2	all necessary arrangements are provided for sampling.		Complied			
3	The applicant shall upgrade/modify/replace the cor equipment with prior permission of the Board	trol	rol If any modification required approval from kspcb will be informed		Complied	
C .Moni	itoring & Reporting					
1.	The applicant shall get the samples of effluents & emissions collected and get them analyzed once a month/either by in house monitoring laboratory or through EP approved laboratories for the parameters as Indicated in Annexure I & II.	effl effl mo	e are checking samples of uent and treated uents & emissions ever onth by the Approved DEF&CC limits	y At	omplied ttached as nnexure-III	
2.	 The applicant shall maintain log books to reflect the working condition of pollution control systems and also self-monitoring results and keep it open for inspection. Log books of this equipment maintaining 		-	Being followed.		
D	Solid waste(Other than hazardous waste) Disposal					
1	Solid waste(other than hazardous waste) DisposalThe applicant shall segregate solid waste from Hazardous Waste, Municipal Solid Waste and store it properly till treatment/disposal without causing pollution to the surrounding Environment.We are segregating the solid waste & Hazardous Waste w in the domestic waste store leachate proof shed and Hazardous waste disposed t KSPCB authorized TSDF/Cen Factory without causing pollution to the surrounding Environment.		e with red in I to ement			
2	The solid waste generated shall be handled & disposed by scientific method without causing eye sore to the general public and to the surrounding environment.	in flo	e hazardous waste are s bags in covered shed w or and is disposed to TS -Processing	ith	Complied	
C.	Noise pollution control					
3.	The industry shall ensure that the ambient noise levels within its premises shall not exceed the limits i.e. 75 dB(A) Leq during day time and 70 dB(A) Leq during night time as specified in under the Air (Prevention and Control of Pollution)	MoE part in ur and	e levels monitoring by F& CC Approved third y laboratory as specifie nder the Air (Preventior Control of Pollution) 1981.All values are	d a	Complied, Attached as Innexure-IV	

night time				
D.	Hazardous and other wastes(Management, & Trans b		6	
1		Complying with HazardousComplying with HazardousComplying with Hazardouspromptly comply with provisionswaste& other wasteAad other Wastes(Management(Management & TransC		
н.	GENERAL			
1.	The applicant shall not allow the discharge from the other premises to mix with the discharge from his premises. other premises to mix with the discharge from his premises.		Complied	
2.	The applicant shall promptly comply with all orders and instructions issued by the Board from time to time or any other officers of the Board duly authorized in this behalf	e We are complied with from board time to time	Complied	
3.	The applicant shall set-up Environmental Cell comprising of qualified and competent personnel for complying with the conditions specified	We are appointed qualified and competent personnel for environment cell.	Complied, Attached as annexure-V	
4.	 The Board reserves the right to review, impose additional conditions, revoke, change or alter terms Noted and conditions of this consent 		Noted	
5.	The applicant shall forthwith keep the Board informed of any accidental discharge of emissions/effluents into the atmosphere in excess of the standards laid down by the Board. The applicant shall also take corrective steps to mitigate the impact.		As when occurred will be informed	
6.	The applicant shall provide alternative power supply sufficient to operate all Pollution control equipment's	04 Number DG Sets available 100 % alternative Power source	e Complied,	
7.	The entire premises shall always be kept clean. The effluent holding area, inspection chambers, outlets, flow measuring points should made easily approachable.	The premises is conveys maintained clean the effluent trails, inspection areas measuring points are approachable easily	Complied,	
8.	The applicant shall display the consent granted in a prominent place for perusal of the inspecting officers of the Board.	Consent is made evaluate to the inspection	Complied,	
9.	 The applicant his heirs, legal representatives or assignee shall have no claims what so ever to the continuation or renewal of this consent after expiry of the validity of consent 		Noted	
10	The applicant shall make an application for consent for subsequent period at least 45 days before expiry of this consent.	or Will apply for consent before the day of expiry	Complied,	
1	The applicant shall develop and maintain adequate green belt all around the periphery	Maintained adequate greenbelt 33% in the area	Complied,	

1	The applicant shall provide rain water harvesting system and shall provide proper storm water management system. etc.	rain water harvesting system is in place & proper storm water management is in place	Complied.
1	This consent is issued without prejudice to any Court Cases pending in any Hon'ble Court	No Court cases	Complied,
14	The applicant shall furnish the Environmental statement for every financial year ending with 31st March in Form-V as per Environment (Protection) Rules, 1986. The statement shall be furnished before the end of September.	Environmental statement was submitted to KSPCB every year	Complied, Attached As Annexure- VII
1	The applicant shall display flow diagram of the pollution control system near the pollution control systems.	Flow diagrams of pollution control system are displayed near the pollution control systems.	Complied, Attached as Annexure- VIII

For SHILPA PHARMA LIFE SCIENCES LIMITED, 100% EOU



Annexure-I CFO Copy

Consent For Operation (CFO-Air,Water) Consent No. AW-325854 Valid upto: 30/06/2026		Karnataka State Pollution Control Board Parisara Bhavana,No.49, Church Street,Bengaluru-560001 Tele : 080-25589112/3, 25581383 Fax:080-25586321 email id: ho@kspcb.gov.in			
Industry Colour: RED Industry Scale: LARGE (This document contains 8 pages including annexure	: & excluding a		10. 10@	KSPED.2017.III	
Combined Consent Order No. AW-325854	PCB ID:	28295	Date:	26/07/2021	

Combined consent for discharge of effluents under the Water (Prevention and Control of Pollution) Act , 1974 and emission under the Air (Prevention and Control of Pollution)Act , 1981

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оп 22/06/2021

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Location:

2.Inspection of the

Industry/organization/by RO,

Name of the Industry:	Shilpa Medicare Ltd 100% EouPlot no 33,33A,40 to 47,Raichur Growth Centre			
Address:	Plot no 33,33A,40 TO 47, Raichur Growth Centre			
Industrial Area:	Raichur Growth Centre I.A,	Chiksugur,		
Taluk:	Raichur,	District: Raichur		

CONDITIONS:

a) Discharge of effluents under the Water Act:

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1	Boiler Feed	216.000	10.000	Boiler blow down will be used for spraying on the ash
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b) Discharge of Air emissions under the Air Act from the following stacks etc.

Sl. No. Description of chimney/outlet Limits specif

Limits specified refer schedule

The details of Sources, control equipments and its specification, type of fuel, constituents to be controlled in emissions etc. are detailed in Annexure-II.

The consent for operation is granted considering the following activities/Products;

Sr	Product Name	Applied Qty/Month	Unit	
1	2.2-diflorodeoxycytidine	15.3300	KGS	
2	3 alfa 7 beta dihydroxy cholanic acid	5000.0000	KGS	
3	abiraterone acetate	166.6600	KGS	
4	acebrophylline	833.3300	KGS	
5	ambroxol hel	833-3300	KGS	
6	anastrozole	8.3330	KGS	
7	bendamustine hel	16.6660	KGS	
8	bicalutamide	41-6600	KGS	
9	bortezomib	0-4160	KGS	
10	busulfan	4-1660	KGS	
11	sabazitaxel	0.8330	KGS	
12	capecitabine	5000.0000	KGS	
13	elofarabine	0.8300	KGS	
14	cobicistat	8333.3300	KGS	
15	eyclophosphamide	83.3300	KGS	
16	evtarabine	4.1660	KGS	
17	decitabine	0.8330	KGS	
18	dimethyl fumarate	1000-0000	KGS	
19	dizirconium	10-3300	KGS	
20	docetaxel trihydrate	8-3330	KGS	
21	elvitegravir	83.3300	KGS	
22	emtricitabine	83.3300	KGS	
23	erlotinib hel	166-6600	KĞ	
24	gemeitabine hel	8.3330	KG	
25	Îmatinib mesylate	416.6600	KG	
26	intermediate - i (3-chloro-2-florophenyl)-2.4-dimethoxyphenyl) methonone and syn	8.5500	KGS	
27	intermediate - i (s)-3-phenyl-2(pharazine-2carboxyamido) proponoic acide and it)	2,4600	KGS	
28	intermediate - i : (2-3 -di-o-acetyl - 5 flurocylidine) and its synonyms	6000,0000	KGS	
29	intermediate - i : 4-(1h-1.2.4-triazol - 1-yl) methyl benzonitrile methene sulfo	12=5800	KG	

	Consent For Operation (CFO-Air,Water)	Karnataka State Pollution Control Parisara Bhavana,No.49, C Street,Bengaluru-	hurch 560001
1	Consent No. AW-325854 Valid upto: 30/06/2026	Tele : 080-25589112/3, 25 Fax:080-25	
Industr	y Colour: RED Industry Scale: LARGE	email id: ho@kspcb	.gov.in
(This c	document contains 8 pages including annexure & ex	•	
30	intermediate - i : dimethyl (c) butane di acitate and its synonyms intermediate - i 1-methyl -2- deoxy ribose and its synonyms	1222,1600 KGS 12,9100 KGS	
32	intermediate - i baccatin -iii(paelitaxel crude)	20.0000 KGS 5.1600 KGS	
33 34	intermediate - i cyclocytidine, hel and its synonyms intermediate - i n(4 cyano-3(tri fluromethyl)-3 {(4- florophenyl)sulphanyl)2-hydro	49.2000 KGS	
35 36	intermediate - i temazolanide erude and its synonyms intermediate - ii (2.3-di-o-acety-5deoxy-deoxy-5-deoxy-fluro-n4-	20.0000 KGS 6600.0000 KGS	
37	(n - pentyloxy) intermediate - ii ; di isopropyl ether solvate of 4a-acetoxy-2a	1.5800 KGS	
38	benzoyloxy-5b 2- intermediate - ii : pemetrexed di acid	29.1200 KGS	
39	intermediate - ii 1 - methyl-3,5-di-o-acetyl-2 - deoxy pentafuranose	17.3300 KGS	
40	and its syn intermediate - ii 2-0-benyl-7,10-di-o-chlo acetyl-decetaxel and its	12,0000 KGS	
41	synonyms intermediate - ii 3a, 7b-diacetyl . 12 a- hydoxy - methyl cholanate	10476,0000 KGS	
42	and its syno intermediate - iii : (1-(3,5 - di - o - acetyl -2-deoxy-o-	8.5000 KGS	
43	robofurnosol)-5-azacy intermediate - iii : paclitaxel crude	11.0000 KGS	
44 45	Intermediate - iii : sodium-4-aminomethyl cyclohexana carbocylate intermediate - iii 3a 7a-diacetyl-12-keto-methyl cholanate and its	81526.5000 KGS 11900.0000 KGS	
46	synonyms internediate - iv : (4 amino-1(2-deoxy-bta-d-erythro	1.6600 KGS	
	pentafuranasol)1.3.5trazin-		
47	intermediate - iv 3a.7a dihydroxy - 5b- chlon 24 - oic acide and its synoms	8560.0000 KGS	
48	intermediate - v 3a. hydoxy-7keto-cholonic acid its synonyms intermediate -i: 4a-acetoxy-2a benzoyloxy-5b2-o-epoxy-	6666.0000 KGS 1.0800 KGS	
50	1b.hydroxy1-7b.10b-linetho intermediate -ii 3 - methyl-1-1(3-phenyl-2-(phrazian-2-	0.5330 KGS	
51	caroxyamido)propanamindo) intermediate : ii : paclitaxel crude	12.0000 KGS	
52	intermediate i : ,10-di-o-chloroacetyl-10-di acetyl beccatin - iii and its synon	16.0000 KGS	
53 54	intermediate iii:6,7-bis-(2-methhoxyethoxy)-4(3h)-quinazolinone intermediate- i : 2,2(5 bromomethyl)-1,3-phenyline)bis(2-	227.7900 KGS 40.0000 KGS	
	methylprepio nitraile)	38.9100 KGS	
55	intermediate- i : n-4-[2-(2-amino-4-di hydo-4-oxo-1 h - phyrolo [2.3-d] pyrimidi		
56 57	intermediate- i cholic acid methyl ester and its synonyms intermediate-1ib: 3-((cs)-terahydro-2- 40659.3 oxoforum-3-yl)-1-	11900.0000 KGS 3388.2700 KGS	
58	((2- isopropylth internediate-i : 2- amino 3,5-di bromo-n(trans-4-	778,5800 KGS	
59	hydoxycychlohexyl) benzylamine intermediate-i : chromate (vi)	37.5000 KGS	
60	intermediate-i 2 deoxy-i-a- bromo-2-b-flumo-3-5-di-o-benzyle-d- ribofluro	3,7500 KGS	
61	intermediate-i 2-amino-4,5-bis (2-methoxy ethoxy) benzonitrile and its synonyms	227.7910 KGS	
62	intermediate-i 7,10-di-o-chloroacetyl-10-di acetyl baccatin-iii and its synonyms	16.0000 KGS	
63	intermediate-i: (s)-3-(4-aminophenyl)-2-(1,3-dioxo isoindoline-2- yl)propaoic aci	42.8700 KGS	
64	intermediate-i: 1,2,3.6-tetrahydro-1 di enethyl-2,6-do oxy-7 h-	495.0000 KGS	
65	purine 7-acetic a intermediate-i: 2-[(3.5- 2592 dimethyladamantan-1-	216-0000 KGS	
66	yl)carbonyl]hydrazinecarboxa intermediate-i: 4-(4-aminophenoxy)- 2850 n-methyl picolinamide	237-5000 KGS	
67	and it's synonyms intermediate-i: bis(2-chloroethyl)amine hydrochloride	73.8300 KGS	
.68	intermediate-i: butane-1.4 171 dividimethanesulfomate and it's synonyms	14.2500 KGS	
69	intermediate-i: de hydroepiandrosterone-17-hydrazone and it's synonyms	550.0000 KGS	
70	intermediate-i: imidazol-1vl-acetic 12,5 acid methyl ester and it's synonyms	1.0400 KGS	
71	intermediate-i: methyl(4-4cyano cyclohexane-1-carboxylate and it's synonyms	10725.0000 KGS	-
72	intermediate-i:(1r.2r,5r)-menthyl-(2r,5s)-5(4-amino-2-oxo-2h-	161.2500 KGS	-
73	pyrimidin-1-yl)-[1. intermediate-i:-9-[-r-2-[bis {[isopropoxycarconyl]oxo}	11875.0000 KGS	
74	methaxyl]phosphoniyl]methox intennediate-ia: 2-bromo-2-nitro- butane and it's synonyms	2905.4100 KGS	
75	intermediate-ib:(1)-amino lactone hydrogen bromide salt and its synonyms	290.5000 KGS	
76	intermediate-ii: 1-(4-(2-methyl carbonyl)pyridine-4-yloxy)phenyl- 3- (tri floro	243-7500 KGS	
77	intermediate-ii: 1-(5-3-chloro-2- fluorobenzyl)-2,4-dimethoxy phenyl)ethan	76.5400 KGS	
78	intermediate-ii: 17-bromo-androsta- 5.16-diene-3-b-ol and it's synonyms	360.2500 KGS	
79	intermediate-ii: 2-chloro-6-butyl amido purine and its synonyms	1,9100 KGS	
80	intermediate-ii: bis (2-chloro ethyl) phosphoramidic dichloride and its synonyms		
81 82	intermediate-ii: cabazitaxel crude intermediate-ii: imidazol-1vl-acetic 10 acid and it's synonyms	1.0290 KGS 0.8300 KGS	5
83 84	intermediate-ii: n.n dimethyl sunitinib and it's synonyms intermediate-ii: n-(4.5-bis(2 methoxyetoxy)-2-cynophenyl)-n-n-	225.0000 KGS 214.4100 KGS	
	dimethyl farmamidi		



Consent For Operation (CFO-Air,Water)

Consent No. AW-325854 Valid upto: 30/06/2026

Karnataka State Pollution Control Board Parisara Bhavana,No.49, Church Street,Bengaluru-560001 Tele : 080-25589112/3, 25581383 Fax:080-25586321 email id: ho@kspcb.gov.in

Industry Colour: RED

Industry Scale: LARGE

(This document contains 8 pages including annexure & excluding additional

85	conditions) intermediate-ii: sodium-4-amino methyl cyclohexane carboxylate it's synonyms	910.4700	KGS
86	intermediate-iii(s)-methyl-3-(4-aminophenyl)-2-(1,3-	28,5000	KGS
	dioxoisoindoline-2-yl)propan	20000	
87	intermediate-ii:potassium2-(4-(-amino-4-ox-4.7 dihydro-3h- pyrrolo[2.3-d]pyrimidi	312.0000	KGS
88	intermediate-iia: 1-(6-ethoxy-2- (methylthio)pyrimidin-4- yl)piperidine-2-earbox	3391,2500	KGS
89	intermediate-iii: (1-hydroxy-2- 6 imdazol-1-phosphono-ethyl)- phosphoric acid an	0.5000	KGS
90	intermediate-iii: 17-(3- phyridyle)androsta-5,16-diene-3-b-ol and it's synonyms	220,0000	KG
91	intermediate-iii: thyl-3-(5-3-chloro-2-fluorobenzyl)-2-4- dimethoxyphenyl)-3-oxo	80.4100	KG
92	intermediate-iii:(s) methyl-3-(4-(bis(2- hydroxyethy)amino)phenyl)-2-(1,3-di oxo	20.7500	KG
93	intermediate-iiia: ethyl (2s)-2-({(2- isopropyl-1,3-thiazol-4- yl)methylcarbamoy	4012,6600	KG
94	intermediate-iiib: (s) -ethyl-2-[3-(2)- 48151.8 isopropylthaozol-4yl methyl-3- m	4012.6500	KG
95	intermediate-iv: 4-amino methyl cyclohexane carbocylate acid sodium salt and it	452.7600	KG
96	intermediate-iv: ethyl-3-(5-3-chloro- 2-fluorobenzyl)-2,4- dimethoxyphenyl)-2-((d	88.4500	KG
97	intermediate-iv:(s)-2-amino-3-(4-(bis(2-chloro ethyl) amino)phenyl)propanoic aci	20.7500	KG
98	intermediate-v: 4-amino methyl cyclohexane-carbocylicacid and it's synonyms	10345.5000	KG
99	intermediate-v: ethyl-6(3-chloro-2- fluorobenzyl)-1.4-dihydro-1 ((s)-1- hydroxy-3	88.4500	KG
00	intermediate-vi: 4-amino methyl cyclohexane-carbocylicacid and it's synonyms	9487.5000	KG
101	intermediate-vi: ethyl-6(3-chloro-2- fluorobenzyl)-1.4-dihydro-1 ((s)-1- hydroxy-	79,5800	KG
102	intermedite-ii2,2(5-(1,h-1,2,4 triazol-1yl methyl) benzine-1,3-di yl) bis(2-mith	22.5000	KG
103	lenalidomide	41.6600	KG
04	letrozole	4,1660	KG
05	melphalan hel	2.0830	KG
106	paclitaxel	8.3330	KG
07	pemetrexed dipotassium	20.8330	KG
08	pemetrexed disodium	20.8330	KG
09	recovery stage - ii 3.7.12 thrihydroxy cholan 24 oic acid crude	400.0000	KG
011	recovery stage - ii 3.7.12 trihydrox cholan 24 oic acid crud	3000.0000	KG
111	recovery stage - v 3a,7b dihydroxy 5b cholan 24 oic acid crude	1600.0000	KG
112	recovery stage : iii 3,7,13 tryhydroxy cholan 24 oic acide crude	800.0000	KG
113	sorefenib tosylate	250.0000	KG
114	sunitinib maleate	250.0000	KG
115	temozolomide	8.3333	KG
116	tenofovirdisoproxil fumarate	4166.6600	KG
117	tranexamicacid	8333.3300	KG
118	zoledronic	0.4166	KO

This consent is valid for the period from

Τo,

Shilpa Medicare Ltd 100% EouPlot no 33,33A,40 to 47,Raichur Growth Centre

COPY TO:

The Environmental Officer, KSPCB, Regional Office Raichur for information and necessary action.

- 2. Master Register.
- 3. Case file.

Consent Fee paid

: Rs. 1000000

	Consent For Operation (CFO-Air,Water)	Karnataka State Pollution Control Board Parisara Bhavana, No.49, Church
T	Consent No. AW-325854 Valid upto: 30/06/2026	Street,Bengaluru-560001 Tele : 080-25589112/3, 25581383 Fax:080-25586321
Industry Colour:	RED Industry Scale: LARGE	email id: ho@kspcb.gov.in
(This document	contains 8 pages including annexure conditions)	e & excluding additional
	SCHE	DULE

TERMS AND CONDITIONS

A. TREATMENT AND DISPOSAL OF EFFLUENTS UNDER THE WATER ACT.

1. The discharge from the premises of the occupier shall pass through the terminal manhole/manholes where from the Board shall be free to collect samples in accordance with the provisions of the Act/Rules made there under.

2(a). The sewage/domestic effluent shall be treated in septic tank and with soak pit. No overflow from the soak pit is allowed. The septic tank and soak pit shall be as per IS 2470 Part-I & Part-II.

2(b). The treated sewage effluent discharged shall conform to the standards specified in Annexure-I.

3(a). The trade effluent generated in the industry shall be treated in the ETP and treated effluent shall confirm to the standards stipulated by the Board in Annexure-I

3(b). The trade effluent shall be handed over to CETP and maintain logbook of effluent generated & sent every day.

4. The applicant shall install flow measuring/recording devices to record the discharge quantity and maintain the record.

5. The applicant shall not change or alter either the quality or the quantity or the place of discharge or temperature or the point of discharge without the previous consent/ permission of the Board.

6. The applicant shall not allow the discharge from the other premises to mix with the discharge from his premises. Storm water shall not be allowed to mix with the effluents on the upstream of the terminal manhole where the flow measuring devices are installed.

7. The daily quantity of domestic effluent and trade effluent from the industry shall not exceed the limits as indicated in this consent order:

8. The applicant shall discharge the effluents only to the place mentioned in the Consent order and discharge of treated/untreated outside the premises is not permitted.

B. EMISSIONS:

1. The discharge of emissions from the premises of the applicant shall pass through the air pollution control equipment and discharged through stacks/chimneys mentioned in **Annexure-II** where from the Board shall be free to collect the samples at any time in accordance with the provisions of the Act and Rules made there under.The tolerance limits of the constituents forming the emissions in each of the stacks shall not exceed the limits laid down in Annexure-II.

2. The applicant shall provide port holes for sampling of emission, access platforms for carrying out stack sampling, electrical points and all other necessary arrangements including ladder as indicated in Annexure-II.

3. The applicant shall upgrade/modify/replace the control equipment with prior permission of the Board.

C.MONITORING & REPORTING:

1. The applicant shall get the samples of effluents & emissions collected and get them analyzed once a month/either by in house monitoring laboratory or through EP approved laboratories for the parameters as Indicated in Annexure I & II.

2. The applicant shall maintain log books to reflect the working condition of pollution control systems and also self monitoring results and keep it open for inspection.

D. SOLID WASTE (OTHER THAN HAZARDOUS WASTE) DISPOSAL:

1. The applicant shall segregate solid waste from Hazardous Waste, Municipal Solid Waste and store it properly till treatment/disposal without causing pollution to the surrounding Environment.

2. The solid waste generated shall be handled & disposed by scientific method without causing eye sore to the general public and to the surrounding environment.

Industry Colour:	Consent For Operation (CFO-Air,Water) Consent No. AW-325854 Valid upto: 30/06/2026	Karnataka State Pollution Control Board Parisara Bhavana,No.49, Church Street,Bengaluru-560001 Tele : 080-25589112/3, 25581383 Fax:080-25586321
Industry Colour:	RED Industry Scale: LARGE	email id: ho@kspcb.gov.in
(This document	contains 8 pages including anne:	sure & excluding additional

E. NOISE POLLUTION CONTROL:

 The applicant shall ensure that the ambient noise levels within its premises shall not exceed the limits i.e 75 dB(A) Leq during day time and 70 dB(A) Leq during night time as specified in under the Air (Prevention and Control of Pollution) Act, 1981.

F. HAZARDOUS AND OTHER WASTES (MANAGEMENT & TRANSBOUDARY MOVEMENT)Rule2016:

The applicant shall comply with the provisions of the Hazardous and other Wastes (Management & Transboundry Movement) Rules 2016.

G. GENERAL CONDITIONS:

1. The applicant shall not allow the discharge from the other premises to mix with the discharge from his premises.

- 2. The applicant shall promptly comply with all orders and instructions issued by the Board from time to time or any other officers of the Board duly authorized in this behalf.
- 3. The applicant shall set-up Environmental Cell comprising of qualified and competent personnel for complying with the conditions specified.

4. The Board reserves the right to review, impose additional conditions, revoke, change or alter terms and conditions of this consent.

5. The applicant shall forthwith keep the Board informed of any accidental discharge of emissions/effluents into the atmosphere in excess of the standards laid down by the Board. The applicant shall also take corrective steps to mitigate the impact.

6. The applicant shall provide alternate power supply sufficient to operate all Pollution control equipments.

7. The entire premises shall always be kept clean. The effluent holding area, inspection chambers, outlets, flow measuring points should made easily approachable.

8. The applicant shall display the consent granted in a prominent place for perusal of the inspecting officers of the Board.

9. The applicant his heirs, legal representatives or assignce shall have no claims what so ever to the continuation or renewal of this consent after expiry of the validity of consent.

- 10. The applicant shall make an application for consent for subsequent period at least 45 days before expiry of this consent.
- 11. The applicant shall develop and maintain adequate green belt all around the periphery.
- 12. The applicant shall provide rain water harvesting system and shall provide proper storm water management system.
- 13. This consent is issued without prejudice to any Court Cases pending in any Hon'ble Court
- 14. The applicant shall furnish the Environmental statement for every financial year ending with 31st March in Form-V as per Environment (Protection) Rules, 1986. The statement shall be furnished before the end of September.

15. The applicant shall display flow diagram of the pollution control system near the pollution contol system/s.

	Consent For Operation (CFO-Air,Water) Consent No. AW-325854 Valid upto: 30/06/2026	Karnataka State Pollution Control Board Parisara Bhavana,No.49, Church Street,Bengaluru-560001 Tele : 080-25589112/3, 25581383 Fax:080-25586321
Industry Colour:	RED Industry Scale: LARGE	email id: ho@kspcb.gov.in
(This document	contains 8 pages including annex	ure & excluding additional

NOTE:

The Conditions A(2(a)) mentioned in the schedule are not applicable.

Additional Conditions:

1)The Occupier shall comply with all the additional terms and conditions stipulated in Annexure-I,II, & III attached herewith, 2)This consent order contains totally 21 pages including Annexures.

		(C Cor	sent For Op CFO-Air,Wa nsent No. AW alid upto: 30/0	ater) /-325854	ŀ	Paris	tate Pollution Contr ara Bhavana,No.49, Street,Bengaluru e : 080-25589112/3, 2 Fax:080-2	Church u-560001 25581383
ndus	try Coloui	RED	Industry So	ale: LARGE			email id: ho@ksp	cb.gov.in
This	documen	t contains		s including annexure	& excluding ac	lditional		
Chi m.N >.	Chimne y attached to	KVA	Minimum chimney height to be provided above ground level (in Mts)	Constituents to be controlled in the	Tolerance limits mg/NM3	Fuel	Control	Date of which air pollution control equipments shall be provided to achieve the stipulated tolerance limits and chimney heights conforming to stipulated heights.
1	Any Other	600000 kilo calories/ Hr	30	PM(mg/NM3),SO2 (PPM),NOx(PPM)	SO2, NOX, SPM		HLS	Before commissioning.
2	D.G. Sets	750 KVA	6	PM(mg/NM3),SO2 (PPM),NOx(PPM)	150,100,50	DIE	N.A	Before commissioning.
3	Acid Mists	9408 CFM	3	PM(mg/NM3),SO2 (PPM),NOx(PPM)	Acid mist		SCR	Before commissioning.
4	Acid Mists	20 CFW	6	PM(mg/NM3),SO2 (PPM),NOx(PPM)	Acid mist,Alkali mist/VOC		SCR	Before commissioning
5	Acid Mists	7350 CFM	3	PM(mg/NM3),SO2 (PPM),NOx(PPM)	Acid mist		SCR	Before commissioning
6	Acid Mists	7350 CFM	3	PM(mg/NM3),SO2 (PPM),NOx(PPM)	Acid mist		SCR	Before commissioning.
7	Boiler	10 TPH	30	PM(mg/NM3),SO2 (PPM),NOx(PPM)	150,100 ,50	HUS	DUS,MUL	Before commissioning
8	Boiler	6 TPH	30	PM(mg/NM3),SO2 (PPM),NOx(PPM)	150,100,50	HUS	DUS,MUL	Before commissioning.
	D.G. Sets	625 KVA	6	PM(mg/NM3),SO2 (PPM),NOx(PPM)	150,100,50	DIE	N.A	Before commissioning.
10	D.G. Sets	625 KVA	6	PM(mg/NM3),SO2 (PPM),NOx(PPM)	150,100,50	DIE	N.A	Before commissioning.
11	D.G. Sets	625 KVA	6	PM(mg/NM3),SO2 (PPM),NOx(PPM)	150,100,50	DIE	N.A	Before commissioning
12	Acid Mists	3645.6 CFM	3	PM(mg/NM3),SO2 (PPM),NOx(PPM)	Acid mist, VOC		SCR	Before commissioning.
13	Acid Mists	9996 CFM	3	PM(mg/NM3),SO2 (PPM),NOx(PPM)	Acid mist, VOC		SCR	Before commissioning.
14	Acid Mists	7644 CFM	3	PM(mg/NM3),SO2 (PPM),NOx(PPM)	Acid mist, VOC		SCR	Before commissioning
15	Acid Mists	7644 CFM	3	PM(mg/NM3),SO2 (PPM),NOx(PPM)	Acid mist, VOC		SCR	Before commissioning
16	Acid Mists	3234 CFM	3	PM(mg/NM3),SO2 (PPM),NOx(PPM)	Acid mist, VOC		SCR	Before commissioning
17	Acid Mists	10,584 CFM	3	PM(mg/NM3),SO2 (PPM),NOx(PPM)	Acid mist, VOC		SCR	Before commissioning
18	Acid Mists	7350 CFM	3	PM(mg/NM3),SO2 (PPM),NOx(PPM)	Acid mist, VOC		SCR	Before commissioning
19	Acid Mists	7350 CFM	3	PM(mg/NM3),SO2 (PPM),NOx(PPM)	Acid mist, VOC		SCR	Before commissioning
20	Acid Mists	9408 CFM	3	PM(mg/NM3),SO2 (PPM),NOx(PPM)	Acid mist, VOC		SCR	Before commissioning
21	Acid Mists	7350 CFM	3	PM(mg/NM3),SO2 (PPM),NOx(PPM)	Acid mist, VOC		SCR	Before commissioning
22	Acid Mists	9408 CFM	3	PM(mg/NM3),SO2 (PPM),NOx(PPM)	Acid mist, VOC		SCR	Before commissioning.

Note:

HLS Heater/Furnace-Low Sulphur Fuel

N A Not Applicable

SCR Scrubber

DUS,MU TDust Collector

	Consent For Operation (CFO-Air,Water)	Karnataka State Pollution Control Board Parisara Bhavana,No.49, Church Street,Bengaluru-560001
	Consent No. AW-325854 Valid upto: 30/06/2026	Tele : 080-25589112/3, 25581383 Fax:080-25586321
Industry Colour:	RED Industry Scale: LARGE	email id: ho@kspcb.gov.in
(This document	contains 8 pages including annex conditions)	ure & excluding additional
Note:		$\sim 1.75 \pm 10$ (A) los durins deutimo and 70 dP(A) los durins piabt
1. The No time respectivel		ed 75 dB (A) leq during day time and 70 dB(A) leq during night

2. The DG set shall be provided with acoustic measures as per SI.No.94 in Schedule-I of Environment (Protection)Rules.

3. There shall be no smell or odour nuisance from the industry,

LOCATION OF SAMPLING PORTHOLES, PLATFORMS, ELECTRICAL OUTLET.

1. Location of Portholes and approach platform:

Portholes shall be provided for all chimneys, stacks and other sources of emission. These shall serve as the sampling points. The sampling point should be located at a distance equal to atleast eight times the stack or duct diameters downstream and two diameters upstream from source of low disturbance such as a Bend, Expansion, Construction Valve, Fitting or Visible Flame for rectangular stacks, the equivalent diameter can be calculated from the following equation.

Equivalent Diameter = $\frac{2 (\text{Length x Width)}}{(\text{Length + Width})}$

- 2. The diameter of the sampling port should not be less than 100 mm dia". Arrangements should be made so that the porthole is closed firmly during the non sampling period
- 3. An easily accessible platform to accommodate 3 to 4 persons to conveniently monitor the stack emission from the portholes shall be provided. Arrangements for an Electric Outlet Point of 230 V 15 A with suitable switch control and 3 Pin Point shall be provided at the Porthole location.
- 4. The ladder shall be provided with adequate safety features so as to approach the monitoring location with ease.

For and on behalf of the Karnataka State Pollution Control Board

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Annexure-II Addendum to CFO

ಫ್ಯಾಕ್ಸ್ / Fax : 080-25586321 ಈಮೇಲ್ / E-mail : ho@kspcb.gov.in ವೆಜ್ಬ್ ಸೈಫ್ / Website : http://kspcb.gov.in



25581383, 25589112 25588151, 25588270 25588142, 25586520

ಕರ್ನಾಟಕ ರಾಜ್ಯ ಮಾಲಿನ್ಯ ನಿಯಂತ್ರಣ ಮಂಡಳಿ Karnataka State Pollution Control Board

"ಪರಿಸರಭವನ", 1 ರಿಂದ 5ನೇ ಮಹಡಿಗಳು, ನಂ.49, ಚರ್ಚ್ ಸ್ಟ್ರೀಟ್, ಬೆಂಗಳೂರು - 560 001, ಕರ್ನಾಟಕ, ಭಾರತ "Parisara Bhavana", 1st to 5th Floor, # 49, Church Street, Bengaluru - 560 001, Karnataka, INDIA NO: PCB/054 vol-5/17 Cat/HPI/2020-22/2023/ 199 Date: 15 APR 2024

ADDENDUM TO CFO ORDER ISSUED ON 26.07.2021

- Sub:- Addendum to the Consent for Operation (CFO) issued to M/s. Shilpa Pharma Lifesciences Ltd (Unit-II), Plot No.33, 33A & 40-47, Raichur Industrial Growth Center, Chikasugur Village, Raichur District-reg.
- Ref:- 1. CFO issued by the Board vide No. AW-325854, dated 26.07.2021.
 - 2. Corrigendum to Environment Clearance issued from SEIAA vide No.SEIAA-50-IND-2016 dated:31.01.2022.
 - 3. Industry letter dated05.12.2022.
 - 4. Proceedings of the meeting held on 29.01.2024.

The Board vide ref.(1) has issued Consent for Operation (CFO) to M/s Shilpa Pharma Lifesciences Ltd (Unit-II), Plot No.33, 33A & 40-47, Raichur Industrial Growth Center, Chikasugur Village, Raichur District for the period upto to 30.06.2026with conditions to treat effluent in MEE followed by Biological treatment plant and to re-use the treated effluent completely to achieve ZLD.

Meanwhile the industry has obtained corrigendum to Environment Clearance issued from SEIAA vide ref (2) wherein it is permitted to treat the effluent and to achieve ZLD with an option of sending the effluent to Common Effluent Treatment Plant (CETP) of M/s. Mother Earth EnvironTech Pvt Ltd (MEETPL), located at Plot No.158 to 162, KIADB Industrial Area, Kadechur Village, Yadigir Taluk and District.

Industry vide letter cited at ref.(3) requested the Board to issue Amendment/ corrigendum to the consent for operation issued vide ref (1) to permit sending 210 KLD / partial quantity of effluent to Common effluent treatment plant at Kadechur established by the M/s. Mother Earth Environ Tech Pvt Ltd, apart from operating their effluent treatment plant.

The issue was deliberated in the meeting held on 29.01.2024 with CETP of M/s MEETPL, Kadechur Village, Yadigir Taluk and District and after detailed deliberation following decisions were taken.

1. To consider the issue of addendum to CFO under Water and Air Act to Large Scale Pharmaceutical Units of Raichur Growth Center (which have obtained EC amendment with an option of sending the effluent to CETP) for sending the pre-treated effluent (HTDS & LTDS) to CETP of M/s MEETPL, Kadechur Industrial Area, Yadgir with conditions as an option only in addition to achieving ZLD.

- 2. M/s MEETPL shall ensure that, the quantity of pre-treated effluent received from (Kadechur and Raichur Growth Centre) shall be within the consented capacity of CETP.
- 3. The pre-treated effluent (HTDS & LTDS) shall be transported separately in dedicated tankers fitted with GPS facility.
- 4. The industries shall maintain a separate log book for recording the quantity of HTDS /LTDS effluent generated, stored, pre-treated, quality of pre-treated HTDS/LTDS effluent sent to CETP through dedicated tankers with tanker registration number on a daily basis and submit the extract within 05th of every month to the Regional Office, KSPCB along with copies of E-Manifest.
- 5. The industries shall ensure that the pre-treated HTDS/LTDS effluent contained in the tanker belongs to their industry only at any given trip and also shall ensure that the pre-treated HTDS/LTDS effluent reaches the CETP of M/s MEETPL, Kadechur Industrial Area, Yadgir, and shall follow E-manifest compulsorily.
- 6. The CETP of M/s MEETPL, Kadechur Industrial Area, Yadgir shall also maintain a separate log book for recording the quantity/quality of HTDS /LTDS effluent received, name and address of the industry source, registration number of CETP tanker, time of exit from the industry, time of entry at the CETP on a daily basis and submit the extract within 05th of every month to the Regional Office, KSPCB along with copies of E-Manifest.
- 7. M/s.MEETPL, shall submit the Plan of action for establishing the CETP at Raichur Growth Center within 03 months.

Hence, the following

<u>ORDER</u>

In the CFO issued by the Board vide ref (1), the following additional conditions shall be inserted;

- 1. The industry is permitted to send the pre-treated effluent to CETP of M/s MEETPL as an option of treatment of trade effluent (HTDS/LTDS).
- 2. If the industry opts to send the pre-treated effluent to CETP of M/s MEETPL the industry shall comply with the following conditions.
 - a. The industry shall pre-treat the trade effluent (HTDS/LTDS) to the standards stipulated in **Annexure** before sending the effluent to CETP of M/s MEETPL and shall submit the Analysis report to the Regional Office, KSPCB, Raichur on a monthly basis.
 - b. The pre-treated effluent (HTDS & LTDS) shall be transported separately in dedicated tankers fitted with GPS facility. The industry shall submit the details of tankers used for transporting the pre-treated effluent to CETP of M/s MEETPL along with vehicle registration number, capacity of tankers etc. to the Board. Transporting pre-treated effluent in any other tanker will be viewed as

non-compliance and the industry is liable for penal provisions under the Water Act.

- c. The industry shall maintain a separate log book for recording the quantity of HTDS /LTDS effluent generated, stored, treated in in-house ETP.Quantity of pre-treated HTDS/LTDS effluent sent to CETP of M/s MEETPL through dedicated tankers with tanker registration number, time of exit of the tanker from the industry, time of entry of tanker at the CETP of M/s MEETPL on a daily basis and submit the extract within 05th of every month to the Regional Office, KSPCB along with copies of E-Manifest. Further, each CETP tanker exit from the industry and each tanker entry to the CETP of M/s MEETPL shall be captured in the form of GPS photo as an evidence and the said records shall be maintained by the industry/CETP and shall submit the same to Regional Office within 5th of every month.
- d. The industry shall ensure that the pre-treated HTDS/LTDS effluent contained in the tanker belongs to their industry only at any given trip and also shall ensure that the pre-treated HTDS/LTDS effluent reaches the CETP of M/s MEETPL Kadechur Industrial Area, Yadgir, shall follow E-manifest compulsorily.
- e. The applicant shall ensure continuous operation and online connectivity to CPCB servers of Online Continuous Effluent Monitoring System (on 24/7 basis) comprising of
 - i. *Flow meter*:Online flow meter with data recording facility which should be transmitted online to CPCB & KSPCB Server shall be provided separately for HTDS & LTDS line. Separate flow meters should be provided for recycling line and effluent pumping line to CETP tankers.
 - ii. *PTZ (Pan Tilt and Zoom) Camera:* Online connectivity of IP camera with PAN, Tilt and Zoom 5X or above Focal length with night vision capability shall be ensured. The specification/ sensor used in online continuous monitoring system shall be in accordance with CPCB specification. The camera shall be installed in such a location where the entire ETP operation and recycling of treated effluents/pumping of effluent to CETP tankers can be remotely monitored. The camera feed should be integrated with all camera controls (PAN, Zoom, Tilt) and shown on central platform where data on flow meter is displayed. The camera feed shall be provided without pre-requirement of any plug in software for data display or data submission and shall be available in the Google Chrome browser.Separate Camera should be provided for recycling line and effluent pumping line to CETP tankers.
 - iii. Calibration of OCEMS shall be undertaken as per CPCB Guidelines and shall submit the report on calibration to the Board within 15 days of such calibration

All other terms and conditions mentioned in Consent order vide ref (1) issued by the Board for the period up to 30.06.2026 remains unaltered and are binding on the Industry /Occupier and shall comply.

Any one instance of non-compliance to the above conditions, this permission to discharge the pre-treated effluent to CETP is deemed to be withdrawn without giving any further notice.

MEMBER SECRETARY

Encl: As above

To.

Draft Approved By Momber Becretary

The Occupier, M/s .Shilpa Pharma Lifesciences Ltd (Unit-II), Plot No.33, 33A & 40-47, Raichur Industrial Growth Center, Chikasugur Village, Raichur District

ANNEXURE

SI. No	Parameters	Maximum concentration permitted to discharge (All values are in mg/l except pH)
1	pH	5-9
2	Total Dissolved Solids	100000
3	Total Suspended Solids	8000
4	Total Hardness as CaC0 ₃	5000
5	Chlorides as CI	20000
6	Total Alkalinity as CaC0 ₃	3000
7	Oil & Grease	100
8	Organic Solvents	4000
9	Chemical Oxygen Demand	100000
10	BOD (3 Days at 27 ⁰ C),	20000

i. Standards for discharge of High TDS Trade Effluent to CETP :

ii. Standards for discharge of Low TDS Trade Effluent to CETP

SI.	Parameters	Maximum concentration
No		permitted to discharge (All values are in mg/l except pH)
1	pH	5-9
2	Total Dissolved Solids	13500
3	Total Suspended Solids	1000
4	Total Hardness as CaC0 ₃	1000
5	Chlorides as CI	5000
6	Total Alkalinity as CaC0 ₃	1000
7	Oil & Grease	60
8	Organic Solvents	1500
9	Chemical Oxygen Demand	20000
10	BOD (3 Days at 27 ⁹ C)	12000

Draft Approved By Member Secretary

-IMEMBER SECRETARY

Annexure-III Stack Monitoring Reports



Recognition by MoEF Under Environment (Protection) Act, 1986 and Accredited by NABL (Certified by ISO 14001:2015, ISO 45001:2018, ISO 9001:2015, ISO 22000:2018) C.M.C Ward No 18 & C.T.C W.No.16, T.S No 695 / A / 32 / B1, Block No 19 (1st & 2nd Floor) Sanganakallu Road, KEB Circle, Bellary - 583103. Contact No : Mob: 9449803895, (0):9945456764, 08392-255169 E-mail : msvalbellary2018@gmail.com, labmsv@gmail.com Website : www.msvalbellary.com



MSVAL/SE/RF/01/00

ANALYSIS REPORT FOR SOURCE EMMISSION

- 1. Name and Address of the Industry :
- 2. Stack ID 2 3. Sample Collected By ŝ 4. Date of Monitoring 5 5. **Date of Sample Receipt** 2 6. Sample Code ÷ 7. Analysis Starting Date : 8. Analysis Completion Date 23 9 **Report Issue date** 4

M/S. Shilpa Pharma Life Sciences Limited unit-2, Plot No. 33, 33A, 40-47, Raichur Industrial Growth Center, Chicksugur village, Raichur. Boiler – 10TPH & 6TPH MSV Analytical Laboratories, Bellary 21.09.2024 23.09.2024 32469 23.09.2024 28.09.2024 30.09.2024

Discipline: Chemical Group: Atmospheric Pollution Sub Group: Stack Emission ULR No: TC407124000021141F

Instrument Used for Sampling	Sample collected with VSS _1
Ambient Temperature (°C)	31
Stack Temperature (°C)	123
Velocity (m/s)	7.6
Height (m)	30 mtr AGL
Diameter (m)	1.12
Cross sectional area (m ²)	0.9856

	RESULTS			
Parameters	Protocol	Unit	Result	Standard
Rate of discharge	IS-11255(Part-3) - 2018	m³/hr	26966.02	
Particulate Matter	IS-11255(Part-1) - 2019	mg/Nm ³	70.6	150
Sulphur dioxide	IS-11255(Part-2) - 2019	PPM	BDL	100
Nitrogen dioxide	IS-11255(Part-7) - 2017	РРМ	19.2	50
Acid mist(HCl Mist)	MSVAL/SOP/SE/002:2022	mg/Nm ³	BDL	35
Carbon Monoxide as CO	IS 13270	PPM	62	<150
Carbon Dioxide as CO_2	(Orsat Apparatus USEPA 3A:1989)	%	7	<12

INFERENCE	As per KSPCB Standards
INT EIGHTCE	Report Status: - The analyzed value for above measured parameter is within the limits.

Analysed by

to



Authorized Signatory Hanumanthaiah P **Technical Manager**

Note: 1. The results listed only to the tested samples & applicable parameters.

- Water, Pollution & Environment & Food samples will discard after 10 days. Ores and minerals, Filter papers & Thimbles will discard 3 months from the date of issue of test certificate unless otherwise specified. ILC samples will be discard after 1 month from the date of test certificate issue.
- 3. This report is not to be reproduced wholly or in part & cannot be used as evidence in the court of law & should not be used in any advertising media without our special permission in writing.
- 4. Total liability of our laboratory is limited to the invoice amount. Any dispute arising out of this report is subject to Bellary jurisdiction only.

GENERAL DETAILS



Recognition by MoEF Under Environment (Protection) Act, 1986 and Accredited by NABL (Certified by ISO 14001:2015, ISO 45001:2018, ISO 9001:2015, ISO 22000:2018) C.M.C Ward No 18 & C.T.C W.No.16, T.S No 695 / A / 32 / B1, Block No 19 (1st & 2rd Floor) Sanganakallu Road, KEB Circle, Bellary - 583103. Contact No : Mob: 9449803895, (0):9945456764, 08392-255169 E-mail : msvalbellary2018@gmail.com, labmsv@gmail.com Website : www.msvalbellary.com



MSVAL/SE/RF/01/00

M/S. Shilpa Pharma Life Sciences Limited unit-2, Name and Address of the Industry 1. : Plot No. 33, 33A, 40-47, Raichur Industrial Growth Center, Chicksugur village, Raichur. Scrubber-Production Block-AI (Intermediate Area) Stack ID 2. MSV Analytical Laboratories, Bellary Sample Collected By 3. 2 Date of Monitoring 21.09.2024 4. ÷ 23.09.2024 5. **Date of Sample Receipt** 32475 Sample Code 6. 2 Analysis Starting Date 23.09.2024 7. . 8. Analysis Completion Date 1 28.09.2024 9 **Report Issue date** 30.09.2024 3

ANALYSIS REPORT FOR SOURCE EMMISSION

Discipline: Chemical Group: Atmospheric Pollution Sub Group: Stack Emission ULR No: TC407124000021147F

GENERAL DETAILS

Instrument Used for Sampling	Sample collected with VSS _1
Ambient Temperature (°C)	31
Stack Temperature (°C)	39
Velocity (m/s)	4.6
Height (m)	3 mtr AGL
Diameter (m)	0.33
Cross sectional area (m ²)	0.0855

	RESULTS			
Parameters	Protocol	Unit	Result	Standard
Rate of discharge	IS-11255(Part-3) - 2018	m³/hr	1415.9	5.517
Particulate Matter	IS-11255(Part-1) - 2019	mg/Nm ³	44.6	 //
Sulphur dioxide	IS-11255(Part-2) - 2019	mg/Nm ³	BDL	
Nitrogen dioxide	IS-11255(Part-7) - 2017	mg/Nm ³	BDL	
Acid mist(HCl Mist)	MSVAL/SOP/SE/002:2022	mg/Nm ³	8.4	35



As per KSPCB Standards

Report Status: - The analyzed value for above measured parameter is within the limits.

Analysed by

the



Authorized Signatory Hanumanthaiah P **Technical Manager**

Note: 1. The results listed only to the tested samples & applicable parameters.

2. Water, Pollution &Environment & Food samples will discard after 10 days. Ores and minerals, Filter papers & Thimbles will discard 3 months from the date of issue of test certificate unless otherwise specified. ILC samples will be discard after 1 month from the date of test certificate issue.

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4. Total liability of our laboratory is limited to the invoice amount. Any dispute arising out of this report is subject to Bellary jurisdiction only.

5. Sampling is not done by us unless otherwise specified



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 Sanganakallu Road, KEB Circle, Bellary - 583103. Contact No : Mob: 9449803895, (0):9945456764, 08392-255169

 E-mail : msvalbellary2018@gmail.com, labmsv@gmail.com
 Website : www.msvalbellary.com

ANALYSIS REPORT FOR SOURCE EMMISSION

MSVAL/SE/RF/01/00

1.	Name and Address of the Industry	Î	M/S. Shilpa Pharma Life Sciences Limited unit-2, Plot No. 33, 33A, 40-47, Raichur Industrial Growth Center, Chicksugur village, Raichur.
2.	Stack ID	ž	Scrubber-Production Block-AI (Intermediate Area)
3.	Sample Collected By	ž	MSV Analytical Laboratories, Bellary
4.	Date of Monitoring	:	21.09.2024
5.	Date of Sample Receipt	:	23.09.2024
6.	Sample Code	:	7770
7.	Analysis Starting Date	:	23.09.2024
8.	Analysis Completion Date		28.09.2024
9.	Report Issue date	3	30.09.2024

Discipline: Chemical Group: Atmospheric Pollution Sub Group: Stack Emission ULR No: MSVAL/2024/5074

Sample collected with VSS _1
31
39
4.6
3 mtr AGL
0.33
0.0855

GENERAL DETAILS

ESI	

Parameters	Protocol	Unit	Result	Standard
Volatile organic	MSVAL/SOP/SE/003	%	BDL	Shall not be
compounds	M3VAL/30F/3E/003	90	BDL	more than 0.01

As per KSPCB Standards

Report Status: - The analyzed value for above measured parameter is within the limits.

Analysed by



Authorized Signatory Hanumanthaiah P **Technical Manager**

Note: 1 The results listed only to the tested samples & applicable parameters

- 2. Water, Pollution & Environment & Food samples will be discarded after 10 days. Ores and minerals Filter papers & Thimbles will be discarded in 3 months from the date of issue of test reports, unless otherwise specified. ILC samples will be discarded after 1 month from the date of test reports.
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MSVAL/SE/RF/01/00

M/S. Shilpa Pharma Life Sciences Limited unit-2, Name and Address of the Industry 1. Ċ, Plot No. 33, 33A, 40-47, Raichur Industrial Growth Center, Chicksugur village, Raichur. 2. Stack ID Scrubber-Production Block-E 5 (Intermediate Centrifuges Area) MSV Analytical Laboratories, Bellary 3. Sample Collected By Date of Monitoring 21.09.2024 4 \mathbf{a} 5. Date of Sample Receipt . 23.09.2024 Sample Code 32476 6. : Analysis Starting Date 23.09.2024 7. 3 Analysis Completion Date 28.09.2024 8. : 9. **Report Issue date** 30.09.2024

ANALYSIS REPORT FOR SOURCE EMMISSION

Discipline: Chemical Group: Atmospheric Pollution Sub Group: Stack Emission ULR No: TC407124000021148F

Instrument Used for Sampling	Sample collected with VSS_1
Ambient Temperature (°C)	31
Stack Temperature (°C)	38
Velocity (m/s)	4.5
Height (m)	3 mtr AGL
Diameter (m)	0.35
Cross sectional area (m ²)	0.0962

	RESULTS			
Parameters	Protocol	Unit	Result	Standard
Rate of discharge	IS-11255(Part-3) - 2018	m³/hr	1558.4	0.000
Particulate Matter	IS-11255(Part-1) - 2019	mg/Nm ³	35.7	2555
Sulphur dioxide	IS-11255(Part-2) - 2019	mg/Nm ³	BDL	1.555
Nitrogen dioxide	IS-11255(Part-7) - 2017	mg/Nm ³	BDL	1.000
Acid mist(HCl Mist)	MSVAL/SOP/SE/002:2022	mg/Nm ³	10.6	35

INFERENCE	As per KSPCB Standards
INFERENCE	Report Status: - The analyzed value for above measured parameter is within the limits.

Analysed by



Authorized Signatory Hanumanthaiah P **Technical Manager**

Note: 1. The results listed only to the tested samples & applicable parameters. 2. Water, Pollution & Environment & Food samples will discard after 10 days. Ores and minerals, Filter papers & Thimbles will discard 3 months from the date of issue of test certificate unless otherwise specified. ILC samples will be discard after 1 month from the date of test certificate issue.

3. This report is not to be reproduced wholly or in part & cannot be used as evidence in the court of law & should not be used in any advertising media without our special Total liability of our laboratory is limited to the invoice amount. Any dispute arising out of this report is subject to Bellary jurisdiction only.

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5 Sampling is not done by us unless otherwise specified

GENERAL DETAILS



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 E-mail : msvalbellary2018@gmail.com, labmsv@gmail.com

ANALYSIS REPORT FOR SOURCE EMMISSION

MSVAL/SE/RF/01/00

1.	Name and Address of the Industry	1	M/S. Shilpa Pharma Life Sciences Limited unit-2, Plot No. 33, 33A, 40-47, Raichur Industrial Growth Center,
2.	Stack ID	:	Chicksugur village, Raichur. Scrubber-Production Block-E (Intermediate Centrifuges Area)
3.	Sample Collected By	210	MSV Analytical Laboratories, Bellary
4.	Date of Monitoring	:	21.09.2024
5.	Date of Sample Receipt	1	23.09.2024
6.	Sample Code	:	7771
7.	Analysis Starting Date		23.09.2024
8.	Analysis Completion Date	:	28.09.2024
9.	Report Issue date	1	30.09.2024

Discipline: Chemical Group: Atmospheric Pollution Sub Group: Stack Emission ULR No: MSVAL/2024/5075

Instrument Used for Sampling	Sample collected with VSS _1
Ambient Temperature (°C)	31
Stack Temperature (°C)	38
Velocity (m/s)	4.5
Height (m)	3 mtr AGL
Diameter (m)	0.35
Cross sectional area (m ²)	0.0962

GENERAL DETAILS

	RESULTS				
Parameters	Protocol	Unit	Result	Standard	
Volatile organic compounds	MSVAL/SOP/SE/003	%	BDL	Shall not be more than 0.01	

INFERENCE As per KSPCB Standards Report Status: - The analyzed value for above measured parameter is within the limits.

Analysed by

the



Authorized Signatory Hanumanthaiah P **Technical Manager**

Note: 1. The results listed only to the tested samples & applicable parameters.

- 3. This report is not to be reproduced wholly or in part & cannot be used as evidence in the court of law & should not be used in any advertising media without our special permission in writing.
- 4 Total liability of our laboratory is limited to the invoice amount. Any dispute arising out of this report is subject to Bellary jurisdiction only.

5. Sampling is not done by us unless otherwise specified.

^{2.} Water, Pollution & Environment & Food samples will be discarded after 10 days. Ores and minerals Filter papers & Thimbles will be discarded in 3 months from the date of issue of test reports, unless otherwise specified. ILC samples will be discarded after 1 month from the date of test reports.



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MSVAL/SE/RF/01/00

ANALYSIS REPORT FOR SOURCE EMMISSION

1.	Name and Address of the Industry	ġ.	M/S. Shilpa Pharma Life Sciences Limited unit-2, Plot No. 33, 33A, 40-47, Raichur Industrial Growth Center, Chicksugur village, Raichur.
2.	Stack ID	1	Scrubber-Production Block-H (Intermediate Area)
3.	Sample Collected By	:	MSV Analytical Laboratories, Bellary
4.	Date of Monitoring	:	21.09.2024
5.	Date of Sample Receipt	3	23.09.2024
6.	Sample Code	4	32477
7.	Analysis Starting Date	1	23.09.2024
8.	Analysis Completion Date	12	28.09.2024
9.	Report Issue date	:	30.09.2024
	-		

Discipline: Chemical Group: Atmospheric Pollution Sub Group: Stack Emission ULR No: TC407124000021149F

GENERAL DETAILS

Instrument Used for Sampling	Sample collected with VSS _1		
Ambient Temperature (°C)	33		
Stack Temperature (°C)	38		
Velocity (m/s)	4.6		
Height (m)	3 mtr AGL		
Diameter (m)	0.28		
Cross sectional area (m ²)	0.06160		

RESULTS						
Parameters	Protocol	Unit	Result	Standard		
Rate of discharge	IS-11255(Part-3) - 2018	m³/hr	1454.5	iika		
Particulate Matter	IS-11255(Part-1) - 2019	mg/Nm ³	41.8			
Sulphur dioxide	IS-11255(Part-2) - 2019	mg/Nm ³	BDL			
Nitrogen dioxide	IS-11255(Part-7) - 2017	mg/Nm ³	BDL			
Acid mist(HCl Mist)	MSVAL/SOP/SE/002:2022	mg/Nm ³	13.2	35		

INFERENCE	As per KSPCB Standards
INFERENCE	Report Status: - The analyzed value for above measured parameter is within the limits.

Analysed by

the



Authorized Signatory Hanumanthaiah P Technical Manager

Note: 1. The results listed only to the tested samples & applicable parameters.

- Water, Pollution & Environment & Food samples will discard after 10 days. Ores and minerals, Filter papers & Thimbles will discard 3 months from the date of issue of test certificate unless otherwise specified. ILC samples will be discard after 1 month from the date of test certificate issue.
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ANALYSIS REPORT FOR SOURCE EMMISSION

MSVAL/SE/RF/01/00

1.	Name and Address of the Industry	:	M/S. Shilpa Pharma Life Sciences Limited unit-2, Plot No. 33, 33A, 40-47, Raichur Industrial Growth Center, Chicksugur village, Raichur.
2.	Stack ID	:	Scrubber-Production Block-H (Intermediate Area)
3.	Sample Collected By	:	MSV Analytical Laboratories, Bellary
4.	Date of Monitoring	020	21.09.2024
5.	Date of Sample Receipt		23.09.2024
6.	Sample Code		7772
7.	Analysis Starting Date		23.09.2024
8.	Analysis Completion Date		28.09.2024
9.	Report Issue date	5	30.09.2024

Discipline: Chemical Group: Atmospheric Pollution Sub Group: Stack Emission ULR No: MSVAL/2024/5076

GENERAL DETAILS					
Instrument Used for Sampling Sample collected with VSS_1					
Ambient Temperature (°C)	31				
Stack Temperature (ºC)	36				
Velocity (m/s)	4.2				
Height (m)	3 mtr AGL				
Diameter (m)	0.28				
Cross sectional area (m ²)	0.06160				

	RESULTS			
Parameters	Protocol	Unit	Result	Standard
Volatile organic compounds	MSVAL/SOP/SE/003	%	BDL	Shall not be more than 0.01

As per KSPCB Standards INFERENCE Report Status: - The analyzed value for above measured parameter is within the limits.

Analysed by

the



Authorized Signatory

Hanumanthaiah P Technical Manager

Note: 1.The results listed only to the tested samples & applicable parameters.

 Water, Pollution & Environment & Food samples will be discarded after 10 days. Ores and minerals Filter papers & Thimbles will be discarded in 3 months from the date of issue of test reports, unless otherwise specified. ILC samples will be discarded after 1 month from the date of test reports.

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MSVAL/SE/RF/01/00

ANALYSIS REPORT FOR SOURCE EMMISSION

1.	Name and Address of the Industry	:	M/S. Shilpa Pharma Life Sciences Limited unit-2, Plot No. 33, 33A, 40-47, Raichur Industrial Growth Center, Chicksugur village, Raichur.
2.	Stack ID		Scrubber-Production Block-I (Intermediate Area)
3.	Sample Collected By	8	MSV Analytical Laboratories, Bellary
4.	Date of Monitoring	3	21.09.2024
5.	Date of Sample Receipt		23.09.2024
	Sample Code	4	32478
7.	Analysis Starting Date	3	23.09.2024
8.	Analysis Completion Date)\$	28.09.2024
9.	Report Issue date	1	30.09.2024

Discipline: Chemical Group: Atmospheric Pollution Sub Group: Stack Emission ULR No: TC407124000018385F

GENERAL DETAILS

Instrument Used for Sampling	Sample collected with VSS _1	
Ambient Temperature (°C)	31	
Stack Temperature (°C)	40	
Velocity (m/s)	4.8	
Height (m)	3 mtr AGL	
Diameter (m)	0.34	
Cross sectional area (m ²)	0.0908	

RESULTS Parameters Protocol Unit Result Standard Rate of discharge IS-11255(Part-3) - 2018 m³/hr 1569.02 ----Particulate Matter IS-11255(Part-1) - 2019 mg/Nm³ 40.6 Sulphur dioxide IS-11255(Part-2) - 2019 mg/Nm³ BDL ---BDL Nitrogen dioxide IS-11255(Part-7) - 2017 mg/Nm³ Acid mist(HCl Mist) MSVAL/SOP/SE/002:2022 mg/Nm³ 11.7 35

INFERENCE	As per KSPCB Standards
INFERENCE	Report Status: - The analyzed value for above measured parameter is within the limits.

Analysed by



Authorized Signatory

Hanumanthaiah P Technical Manager

Note: 1. The results listed only to the tested samples & applicable parameters.

 Water, Pollution & Environment & Food samples will discard after 10 days. Ores and minerals, Filter papers & Thimbles will discard 3 months from the date of issue of test certificate unless otherwise specified. ILC samples will be discard after 1 month from the date of test certificate issue.

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 E-mail : msvalbellary2018@gmail.com, labmsv@gmail.com

MSVAL/SE/RF/01/00

ANALYSIS REPORT FOR SOURCE EMMISSION

1.	Name and Address of the Industry		M/S. Shilpa Pharma Life Sciences Limited unit-2, Plot No. 33, 33A, 40-47, Raichur Industrial Growth Center, Chicksugur village, Raichur.
2.	Stack ID		Scrubber-Production Block-I (Intermediate Area)
3.	Sample Collected By		MSV Analytical Laboratories, Bellary
4.	Date of Monitoring	:	21.09.2024
5.	Date of Sample Receipt	:	23.09.2024
6.	Sample Code	:	7773
7.	Analysis Starting Date	:	23.09.2024
8.	Analysis Completion Date	:	28.09.2024
9.	Report Issue date		30.09.2024

Discipline: Chemical Group: Atmospheric Pollution Sub Group: Stack Emission ULR No: MSVAL/2024/5077

GENERAL DETAILS

Instrument Used for Sampling	Sample collected with VSS _1
Ambient Temperature (°C)	31
Stack Temperature (°C)	40
Velocity (m/s)	4.8
Height (m)	3 mtr AGL
Diameter (m)	0.34
Cross sectional area (m ²)	0.0908

	RESULTS			
Parameters	Protocol	Unit	Result	Standard
Volatile organic compounds	MSVAL/SOP/SE/003	%	BDL	Shall not be more than 0.01

INFERENCE	As per KSPCB Standards
INFERENCE	Report Status: - The analyzed value for above measured parameter is within the limits.

Analysed by

the



Authorized Signatory Hanumanthaiah P Technical Manager

Note: 1, The results listed only to the tested samples & applicable parameters.

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Water, Pollution & Environment & Food samples will be discarded after 10 days. Ores and minerals Filter papers & Thimbles will be discarded in 3 months from the date of issue of test reports, unless otherwise specified. ILC samples will be discarded after 1 month from the date of test reports.



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ANALYSIS REPORT FOR SOURCE EMMISSION



MSVAL/SE/RF/01/00

M/S. Shilpa Pharma Life Sciences Limited unit-2, Name and Address of the Industry 1. Plot No. 33, 33A, 40-47, Raichur Industrial Growth Center, Chicksugur village, Raichur. DG - Set 625KVA-1 2. Stack ID 8 Sample Collected By MSV Analytical Laboratories, Bellary 3. 2 4. Date of Monitoring : 21.09.2024 23.09.2024 Date of Sample Receipt 5. ÷ Sample Code 32470 2 6. Analysis Starting Date 23.09.2024 7. ÷ Analysis Completion Date 28.09.2024 8. • **Report Issue date** 30.09.2024 9

ULR No: TC407124000021142F Discipline: Chemical Group: Atmospheric Pollution Sub Group: Stack Emission

GENERAL DETAILS

Instrument Used for Sampling	Sample collected with VSS _1
Fuel Used	Diesel
Ambient Temperature (°C)	31
Stack Temperature (°C)	78
Velocity (m/s)	6.2
Height (m)	6 mtr AGL
Diameter (m)	0.5
Cross sectional area (m ²)	0.1964

RESULTS

Parameters	Protocol	Unit	Result	Standard	
Particulate Matter	IS-11255(Part-1) - 2019	mg/Nm ³	55.6	150	
Sulphur dioxide IS-11255(Part-2) - 2019		mg/Nm ³	20.3	100	
Nitrogen dioxide	IS-11255(Part-7) - 2017	mg/Nm ³	27.6	50	

INFERENCE	As per KSPCB Standards
INTERENCE	Report Status: - The analyzed value for above measured parameter is within the limits.

Analysed by

to



Authorized Signatory -

Hanumanthaiah P **Technical Manager**

Note : 1. The results listed only to the tested samples & applicable parameters.

2. Water, Pollution & Environment & Food samples will discard after 10 days. Ores and minerals, Filter papers & Thimbles will discard 3 months from the date of issue of test certificate unless otherwise specified. ILC samples will be discard after 1 month from the date of test certificate issue.

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MSVAL/SE/RF/01/00

1.	Name and Address of the Industry	:	M/S. Shilpa Pharma Life Sciences Limited unit-2, Plot No. 33, 33A, 40-47, Raichur Industrial Growth Center, Chicksugur village, Raichur.
2.	Stack ID	:	DG – Set 625KVA– II
3.	Sample Collected By		MSV Analytical Laboratories, Bellary
4.	Date of Monitoring		21.09.2024
5.	Date of Sample Receipt		23.09.2024
6.	Sample Code		32471
7.	Analysis Starting Date		23.09.2024
8.	Analysis Completion Date		28.09.2024
9.	Report Issue date	:	30.09.2024

ANALYSIS REPORT FOR SOURCE EMMISSION

Discipline: Chemical Group: Atmospheric Pollution Sub Group: Stack Emission ULR No: TC407124000021143F

GENERAL I	DETAILS
Instrument Used for Sampling	Sample collected with VSS _1
Fuel Used	Diesel
Ambient Temperature (°C)	32
Stack Temperature (°C)	82
Velocity (m/s)	6.3
Height (m)	6 mtr AGL
Diameter (m)	0.5
Cross sectional area (m ²)	0.1964

RESULTS				
Parameters	Protocol	Unit	Result	Standard
Particulate Matter	IS-11255(Part-1) - 2019	mg/Nm ³	58.6	150
Sulphur dioxide IS-11255(Part-2) - 2019		mg/Nm ³	24.3	100
Nitrogen dioxide	IS-11255(Part-7) - 2017	mg/Nm ³	28.3	50



Analysed by

the



Authorized Signatory

Hanumanthaiah P Technical Manager

Note: 1. The results listed only to the tested samples & applicable parameters.

- 2. Water, Pollution & Environment & Food samples will discard after 10 days. Ores and minerals, Filter papers & Thimbles will discard 3 months from the date of issue of test certificate unless otherwise specified. ILC samples will be discard after 1 month from the date of test certificate issue.
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MSVAL/SE/RF/01/00

1.	Name and Address of the Industry		M/S. Shilpa Pharma Life Sciences Limited unit-2, Plot No. 33, 33A, 40-47, Raichur Industrial Growth Center, Chicksugur village, Raichur.
2.	Stack ID	:	DG – Set 625KVA– III
3.	Sample Collected By	1	MSV Analytical Laboratories, Bellary
4.	Date of Monitoring	1	21.09.2024
5.	Date of Sample Receipt		23.09.2024
6.	Sample Code	8	32472
7.	Analysis Starting Date	2	23.09.2024
8.	Analysis Completion Date		28.09.2024
9.	Report Issue date		30.09.2024
	-		

ANALYSIS REPORT FOR SOURCE EMMISSION

Discipline: Chemical Group: Atmospheric Pollution Sub Group: Stack Emission ULR No: TC407124000021144F

GENERAL DETAILS		
Instrument Used for Sampling	Sample collected with VSS _1	
Fuel Used	Diesel	
Ambient Temperature (°C)	32	
Shaala Taman awatawa (0C)	05	

Fuel Used	Diesel
Ambient Temperature (°C)	32
Stack Temperature (°C)	85
Velocity (m/s)	6.5
Height (m)	6 mtr AGL
Diameter (m)	0.5
Cross sectional area (m ²)	0.1964

RESULTS				
Parameters	Protocol	Unit	Result	Standard
Particulate Matter	IS-11255(Part-1) - 2019	mg/Nm ³	55.7	150
Sulphur dioxide	IS-11255(Part-2) - 2019	mg/Nm ³	18.4	100
Nitrogen dioxide	IS-11255(Part-7) - 2017	mg/Nm ³	20.6	50



Analysed by

to



Authorized Signatory Hanumanthaiah. P **Technical Manager**

Note: 1. The results listed only to the tested samples & applicable parameters. 2. Water, Pollution & Environment & Food samples will discard after 10 days. Ores and minerals, Filter papers & Thimbles will discard 3 months from the date of issue of test certificate unless otherwise specified. ILC samples will be discard after 1 month from the date of test certificate issue. 3. This report is not to be reproduced wholly or in part & cannot be used as evidence in the court of law & should not be used in any advertising media without our special

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MSVAL/SE/RF/01/00

ANALYSIS REPORT FOR SOURCE EMMISSION

- Name and Address of the Industry 1.
- 2. Stack ID 3. Sample Collected By 4. Date of Monitoring Date of Sample Receipt 5. б. Sample Code
- **Analysis Starting Date** 7.
- Analysis Completion Date 8.
- MSV Analytical Laboratories, Bellary 21.09.2024 23.09.2024 32473 23.09.2024

Chicksugur village, Raichur.

DG - Set 750 KVA-IV

M/S. Shilpa Pharma Life Sciences Limited unit-2,

Plot No. 33, 33A, 40-47, Raichur Industrial Growth Center,

1 28.09.2024 : 30.09.2024

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Report Issue date 9.

Discipline: Chemical Group: Atmospheric Pollution Sub Group: Stack Emission ULR No: TC407124000021145F

GENERAL DETAILS

Instrument Used for Sampling	Sample collected with VSS _1
Fuel Used	Diesel
Ambient Temperature (°C)	32
Stack Temperature (°C)	82
Velocity (m/s)	6.3
Height (m)	6 mtr AGL
Diameter (m)	0.5
Cross sectional area (m ²)	0.1964

RESULTS

Parameters	Protocol	Unit	Result	Standard	
Particulate Matter	IS-11255(Part-1) - 2019	mg/Nm ³	60.4	150	
Sulphur dioxide	IS-11255(Part-2) - 2019	mg/Nm ³	23.7	100	
Nitrogen dioxide IS-11255(Part-7) - 2		mg/Nm ³	28.6	50	

Analysed by



Authorized Signatory

Hanumanthaiah P **Technical Manager**

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MSVAL/SE/RF/01/00

M/S. Shilpa Pharma Life Sciences Limited unit-2, Name and Address of the Industry 1. Plot No. 33, 33A, 40-47, Raichur Industrial Growth Center, Chicksugur village, Raichur. Thermic Fluid Heater 2. Stack ID 3 MSV Analytical Laboratories, Bellary Sample Collected By 1 3. 21.09.2024 4. Date of Monitoring 3 23.09.2024 Date of Sample Receipt 1 5. 32474 Sample Code 3 6. Analysis Starting Date 23.09.2024 7. : Analysis Completion Date 28.09.2024 8. : **Report** Issue date 30.09.2024 9.

ANALYSIS REPORT FOR SOURCE EMMISSION

Discipline: Chemical Group: Atmospheric Pollution Sub Group: Stack Emission ULR No: TC407124000021146F

GENERAL DETAILS

Instrument Used for Sampling	Sample collected with VSS _1
Ambient Temperature (°C)	32
Stack Temperature (°C)	112
Velocity (m/s)	6.8
Height (m)	3 mtr AGL
Diameter (m)	0.35
Cross sectional area (m ²)	0.0962

RESULTS				
Parameters	Protocol	Unit	Result	Standard
Rate of discharge	IS-11255(Part-3) - 2018	m³/hr	2354.9	
Emission Rate of PM IS-11255(Part-1) – 2019		MT/day	0.00278	100224
Particulate Matter			55.7	150
Sulphur dioxide	IS-11255(Part-2) - 2019 mg/Nm ³ 17.6 1		100	
Nitrogen dioxide IS-11255(Part-7)		mg/Nm ³	22.8	50

	As per KSPCB Standards
INFERENCE	Report Status: - The analyzed value for above measured parameter is within the limits.

Analysed by

the



Authorized Signatory Hanumanthaiah P Technical Manager

Note: 1. The results listed only to the tested samples & applicable parameters.

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MSVAL/SE/RF/01/00

ANALYSIS REPORT FOR SOURCE EMMISSION

- 1. Name and Address of the Industry
- Stack ID 2.
- 3. Sample Collected By
- Date of Monitoring 4.
- Date of Sample Receipt 5.
- Sample Code 6.
- 7
- Analysis Starting Date 8. **Analysis Completion Date**
- 2 26.08.2024 \mathbf{z}_{i} ŝ 26.08.2024 t

Cross sectional area (m²)

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9. **Report Issue date**

Discipline: Chemical Group: Atmospheric Pollution Sub Group: Stack Emission ULR No: TC407124000018378F

M/S. Shilpa Pharma Life Sciences Limited unit-2,

Center, Chicksugur village, Raichur.

MSV Analytical Laboratories, Bellary

0.9856

Boiler - 10TPH & 6TPH

Plot No. 33, 33A, 40-47, Raichur Industrial Growth

GENERAL DETAILS		
Instrument Used for Sampling	Sample collected with VSS _1	
Ambient Temperature (°C)	30	
Stack Temperature (ºC)	116	
Velocity (m/s)	6.9	
Height (m)	30 mtr AGL	
Diameter (m)	1.12	

RESULTS				
Parameters	Protocol	Unit	Result	Standard
Rate of discharge	IS-11255(Part-3) - 2018	m³/hr	24467.4	(res
Particulate Matter	IS-11255(Part-1) - 2019	mg/Nm ³	71.2	150
Sulphur dioxide	IS-11255(Part-2) - 2019	PPM	BDL	100
Nitrogen dioxide	IS-11255(Part-7) – 2017	PPM	22.6	50
Acid mist(HCl Mist)	MSVAL/SOP/SE/002:2022	mg/Nm ³	BDL	35
Carbon Monoxide as CO	IS 13270	PPM	60.8	<150
Carbon Dioxide as CO ₂ (Orsat Apparatus USEPA 3A:1989)		%	8.12	<12

As per KSPCB Standards INFERENCE

Report Status: - The analyzed value for above measured parameter is within the limits.

Analysed



Authorized Signatory Hanumanthaiah P **Technical Manager**

Note: 1. The results listed only to the tested samples & applicable parameters.

Water, Pollution &Environment & Food samples will discard after 10 days. Ores and minerals, Filter papers & Thimbles will discard 3 months from the date of issue of test certificate unless otherwise specified. ILC samples will be discard after 1 month from the date of test certificate issue.
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CENERAL DETAILS

17.08.2024

19.08.2024

27.08.2024

28217



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ANALYSIS REPORT FOR SOURCE EMMISSION



MSVAL/SE/RF/01/00

1.	Name and Address of the Industry	1	M/S. Shilpa Pharma Life Sciences Limited unit-2, Plot No. 33, 33A, 40-47, Raichur Industrial Growth Center, Chicksugur village, Raichur.
2.	Stack ID	:	Scrubber-Production Block-AI (Intermediate Area)
3.	Sample Collected By	:	MSV Analytical Laboratories, Bellary
4.	Date of Monitoring	:	17.08.2024
5.	Date of Sample Receipt	:	19.08.2024
6.	Sample Code	4	28222
7.	Analysis Starting Date	:	26.08.2024
8.	Analysis Completion Date	1	26.08.2024
9.	Report Issue date	- 2	27.08.2024

Discipline: Chemical Group: Atmospheric Pollution Sub Group: Stack Emission ULR No: TC407124000018383F

GENERAL DETAILS

Instrument Used for Sampling	Sample collected with VSS _1
Ambient Temperature (°C)	33
Stack Temperature (°C)	40
Velocity (m/s)	4.7
Height (m)	3 mtr AGL
Diameter (m)	0.33
Cross sectional area (m ²)	0.0855

Parameters	Protocol	Unit	Result	Standard	
Rate of discharge	IS-11255(Part-3) - 2018	m³/hr	1446.66	1.626	
Particulate Matter	IS-11255(Part-1) - 2019	mg/Nm ³	40.6	262	
Sulphur dioxide	IS-11255(Part-2) - 2019	mg/Nm ³	BDL	÷	
Nitrogen dioxide IS-11255(Part-7) -		mg/Nm ³	BDL		
Acid mist(HCl Mist)	MSVAL/SOP/SE/002:2022	mg/Nm ³	9.4	35	

	KSPCB Standards
INFERENCE Report	Status: - The analyzed value for above measured parameter is within the limits.

alysed



Authorized Signatory Hanumanthaiah P Technical Manager

Note: 1. The results listed only to the tested samples & applicable parameters.

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 E-mail : msvalbellary2018@gmail.com, labmsv@gmail.com

ANALYSIS REPORT FOR SOURCE EMMISSION

MSVAL/SE/RF/01/00

1.	Name and Address of the Industry		M/S. Shilpa Pharma Life Sciences Limited unit-2, Plot No. 33, 33A, 40-47, Raichur Industrial Growth Center, Chicksugur village, Raichur.
2.	Stack ID	12	Scrubber-Production Block-AI (Intermediate Area)
3.	Sample Collected By		MSV Analytical Laboratories, Bellary
4.	Date of Monitoring	1	17.08.2024
5.	Date of Sample Receipt		19.08.2024
6.	Sample Code	1	7636
7.	Analysis Starting Date	:	26.08.2024
8.	Analysis Completion Date	50	26.08.2024
9.	Report Issue date	**	27.08.2024

Discipline: Chemical Group: Atmospheric Pollution Sub Group: Stack Emission ULR No: MSVAL/2024/4454

GENERAL DETAILS				
Instrument Used for Sampling Sample collected with VSS				
Ambient Temperature (°C)	33			
Stack Temperature (°C)	40			
Velocity (m/s)	4.7			
Height (m)	3 mtr AGL			
Diameter (m)	0.33			
Cross sectional area (m ²)	0.0855			

	RESULTS			
Parameters	Protocol	Unit	Result	Standard
Volatile organic compounds	MSVAL/SOP/SE/003	%	BDL	Shall not be more than 0.01

As per KSPCB Standards Report Status: - The analyzed value for above measured parameter is within the limits.





Authorized Signatory Hanumanthaiah P Technical Manager

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ANALYSIS REPORT FOR SOURCE EMMISSION

M/S. Shilpa Pharma Life Sciences Limited unit-2, Name and Address of the Industry 1. Plot No. 33, 33A, 40-47, Raichur Industrial Growth Center, Chicksugur village, Raichur. Scrubber-Production Block-E 2. Stack ID (Intermediate Centrifuges Area) MSV Analytical Laboratories, Bellary Sample Collected By 3. Date of Monitoring 17.08.2024 : 4. 19.08.2024 5. Date of Sample Receipt Sample Code 28277 5 6. Analysis Starting Date 26.08.2024 3 7. 26.08.2024 8. **Analysis Completion Date** 27.08.2024 9. **Report Issue date**

Discipline: Chemical Group: Atmospheric Pollution Sub Group: Stack Emission ULR No: TC407124000018388F

GENERAL DETAILS			
Instrument Used for Sampling	Sample collected with VSS _1		
Ambient Temperature (°C)	34		
Stack Temperature (°C)	39		
Velocity (m/s)	5.6		
Height (m)	3 mtr AGL		
Diameter (m)	0.35		
Cross sectional area (m ²)	0.0962		

RESULTS					
Parameters	Protocol	Unit	Result	Standard	
Rate of discharge	IS-11255(Part-3) - 2018	m³/hr	1940.6	222	
Particulate Matter	IS-11255(Part-1) - 2019	mg/Nm ³	34.7	***	
Sulphur dioxide	IS-11255(Part-2) - 2019	mg/Nm ³	BDL	1444 ·	
Nitrogen dioxide	IS-11255(Part-7) - 2017	mg/Nm ³	BDL	****	
Acid mist(HCl Mist)	MSVAL/SOP/SE/002:2022	mg/Nm ³	9.4	35	

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	As per KSPCB Standards
INFERENCE	
	Report Status: - The analyzed value for above measured parameter is within the limits.

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Authorized Signatory Hanumanthaiah P **Technical Manager**

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 E-mail : msvalbellary2018@gmail.com, labmsv@gmail.com

ANALYSIS REPORT FOR SOURCE EMMISSION

MSVAL/SE/RF/01/00

1.	Name and Address of the Industry	÷	M/S. Shilpa Pharma Life Sciences Limited unit-2, Plot No. 33, 33A, 40-47, Raichur Industrial Growth Center, Chicksugur village, Raichur.
2.	Stack ID	:	Scrubber-Production Block-E (Intermediate Centrifuges Area)
3.	Sample Collected By	5	MSV Analytical Laboratories, Bellary
4.	Date of Monitoring		17.08.2024
5.	Date of Sample Receipt	:	19.08.2024
6.	Sample Code	8	7642
7.	Analysis Starting Date	:	26.08.2024
8.	Analysis Completion Date		26.08.2024
9.	Report Issue date	ž	27.08.2024

Discipline: Chemical Group: Atmospheric Pollution Sub Group: Stack Emission ULR No: MSVAL/2024/4460

Instrument Used for Sampling	Sample collected with VSS _1
Ambient Temperature (°C)	34
Stack Temperature (°C)	39
Velocity (m/s)	5.6
Height (m)	3 mtr AGL
Diameter (m)	0.35
Cross sectional area (m ²)	0.0962

GENERAL DETAILS

	RESULTS		57	
Parameters	Protocol	Unit	Result	Standard
Volatile organic compounds	MSVAL/SOP/SE/003	%	BDL	Shall not be more than 0.01

INFERENCE

As per KSPCB Standards

Report Status: - The analyzed value for above measured parameter is within the limits.

Analysed by

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Authorized Signatory Hanumanthaiah P Technical Manager



1. The results listed only to the tested samples & applicable parameters. Note:

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MSVAL/SE/RF/01/00

ANALYSIS REPORT FOR SOURCE EMMISSION

1.	Name and Address of the Industry	:	M/S. Shilpa Pharma Life Sciences Limited unit-2, Plot No. 33, 33A, 40-47, Raichur Industrial Growth Center, Chicksugur village, Raichur.
2.	Stack ID	:	Scrubber-Production Block-H (Intermediate Area)
3.	Sample Collected By	0.20	MSV Analytical Laboratories, Bellary
4.	Date of Monitoring		17.08.2024
5.	Date of Sample Receipt	1 2	19.08.2024
6.	Sample Code	3	28225
7.	Analysis Starting Date	÷.	26.08.2024
8.	Analysis Completion Date	6	26.08.2024
9.	Report Issue date		27.08.2024

Discipline: Chemical Group: Atmospheric Pollution Sub Group: Stack Emission ULR No: TC407124000018386F

GENERAL DETAILS			
Instrument Used for Sampling	Sample collected with VSS_1		
Ambient Temperature (°C)	33		
Stack Temperature (°C)	38		
Velocity (m/s)	4.6		
Height (m)	3 mtr AGL		
Diameter (m)	0.28		
Cross sectional area (m ²)	0.06160		

RESULTS					
Parameters	Protocol	Unit	Result	Standard	
Rate of discharge	IS-11255(Part-3) - 2018	m³/hr	10959.4	1442	
Particulate Matter	IS-11255(Part-1) - 2019	mg/Nm ³	40.6	***	
Sulphur dioxide	IS-11255(Part-2) - 2019	mg/Nm ³	BDL	and a	
Nitrogen dioxide	IS-11255(Part-7) - 2017	mg/Nm ³	BDL		
Acid mist(HCl Mist)	MSVAL/SOP/SE/002:2022	mg/Nm ³	10.2	35	

INCEDENCE	As per KSPCB Standards
INFERENCE	Report Status: - The analyzed value for above measured parameter is within the limits.

Analysed l



Authorized Signatory Hanumanthaiah P **Technical Manager**

- Water, Pollution & Environment & Food samples will discard after 10 days. Ores and minerals, Filter papers & Thimbles will discard 3 months from the date of issue of test certificate unless otherwise specified. ILC samples will be discard after 1 month from the date of test certificate issue.
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- 3. This report is not to be reproduced wholly or in part & cannot be used as evidence in the court of law & should not be used in any advertising media without our special permission in writing.
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ANALYSIS REPORT FOR SOURCE EMMISSION

MSVAL/SE/RF/01/00

1.	Name and Address of the Industry	50	M/S. Shilpa Pharma Life Sciences Limited unit-2, Plot No. 33, 33A, 40-47, Raichur Industrial Growth Center, Chicksugur village, Raichur.
2.	Stack ID	ن ې	Scrubber-Production Block-H (Intermediate Area)
3.	Sample Collected By	:	MSV Analytical Laboratories, Bellary
4.	Date of Monitoring		17.08.2024
5.	Date of Sample Receipt	120	19.08.2024
6.	Sample Code		7640
7.	Analysis Starting Date		26.08.2024
8.	Analysis Completion Date	20	26.08.2024
9.	Report Issue date		27.08.2024

Discipline: Chemical Group: Atmospheric Pollution Sub Group: Stack Emission ULR No: MSVAL/2024/4458

GENERAL DETAILS

Instrument Used for Sampling	Sample collected with VSS_1
Ambient Temperature (°C)	33
Stack Temperature (°C)	38
Velocity (m/s)	4.6
Height (m)	3 mtr AGL
Diameter (m)	0.28
Cross sectional area (m ²)	0.06160

	RESULTS			
Parameters	Protocol	Unit	Result	Standard
Volatile organic compounds	MSVAL/SOP/SE/003	%	BDL	Shall not be more than 0.01

INFERENCE

As per KSPCB Standards Report Status: - The analyzed value for above measured parameter is within the limits.

Authorized Signatory

nalvsed



9 Hanumanthaiah P **Technical Manager**

1. The results listed only to the tested samples & applicable parameters. Note:

2. Water, Pollution & Environment & Food samples will be discarded after 10 days. Ores and minerals Filter papers & Thimbles will be discarded in 3 months from the date of issue of test reports, unless otherwise specified. ILC samples will be discarded after 1 month from the date of test reports.

3. This report is not to be reproduced wholly or in part & cannot be used as evidence in the court of law & should not be used in any advertising media without our special permission in writing.

4 Total liability of our laboratory is limited to the invoice amount. Any dispute arising out of this report is subject to Bellary jurisdiction only.

5. Sampling is not done by us unless otherwise specified.



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ANALYSIS REPORT FOR SOURCE EMMISSION

MSVAL/SE/RF/01/00

1.	Name and Address of the Industry	:	M/S. Shilpa Pharma Life Sciences Limited unit-2, Plot No. 33, 33A, 40-47, Raichur Industrial Growth Center, Chicksugur village, Raichur.
2.	Stack ID	\$ 2	Scrubber-Production Block-I (Intermediate Area)
3.	Sample Collected By		MSV Analytical Laboratories, Bellary
4.	Date of Monitoring		17.08.2024
5.	Date of Sample Receipt	:	19.08.2024
6.	Sample Code	20	28224
7.	Analysis Starting Date	:	26.08.2024
8.	Analysis Completion Date	۰,	26.08.2024
9.	Report Issue date		27.08.2024

Discipline: Chemical Group: Atmospheric Pollution Sub Group: Stack Emission ULR No: TC407124000018385F

GENERAL DETAILS					
Instrument Used for Sampling Sample collected with VSS					
Ambient Temperature (°C)	31				
Stack Temperature (°C)	35				
Velocity (m/s)	4.9				
Height (m)	3 mtr AGL				
Diameter (m)	0.34				
Cross sectional area (m ²)	0.0908				

	RESULTS			
Parameters	Protocol	Unit	Result	Standard
Rate of discharge	IS-11255(Part-3) - 2018	m³/hr	1599.9	
Particulate Matter	IS-11255(Part-1) – 2019	mg/Nm ³	37.6	57.745
Sulphur dioxide	IS-11255(Part-2) - 2019	mg/Nm ³	BDL	-537
Nitrogen dioxide	IS-11255(Part-7) - 2017	mg/Nm ³	BDL	/
Acid mist(HCl Mist)	MSVAL/SOP/SE/002:2022	mg/Nm ³	7.2	35

INFERENCE

As per KSPCB Standards

Report Status: - The analyzed value for above measured parameter is within the limits.



Authorized Signatory Hanumanthaiah P

Technical Manager



- Water, Pollution & Environment & Food samples will discard after 10 days. Ores and minerals, Filter papers & Thimbles will discard 3 months from the date of issue of test certificate unless otherwise specified. ILC samples will be discard after 1 month from the date of test certificate issue.
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MSVAL/SE/RF/01/00

ANALYSIS REPORT FOR SOURCE EMMISSION

1.	Name and Address of the Industry	16	M/S. Shilpa Pharma Life Sciences Limited unit-2, Plot No. 33, 33A, 40-47, Raichur Industrial Growth Center, Chicksugur village, Raichur.
2.	Stack ID		Scrubber-Production Block-I (Intermediate Area)
3.	Sample Collected By		MSV Analytical Laboratories, Bellary
4.	Date of Monitoring	:	17.08.2024
5.	Date of Sample Receipt	:	19.08.2024
6.	Sample Code		7639
7.	Analysis Starting Date	:	26.08.2024
8.	Analysis Completion Date	÷	26.08.2024
9.	Report Issue date		27.08.2024

Discipline: Chemical Group: Atmospheric Pollution Sub Group: Stack Emission ULR No: MSVAL/2024/4457

Instrument Used for Sampling	Sample collected with VSS_1
Ambient Temperature (ºC)	31
Stack Temperature (°C)	35
Velocity (m/s)	4.9
Height (m)	3 mtr AGL
Diameter (m)	0.34
Cross sectional area (m ²)	0.0908

GENERAL DETAILS

	RESULTS			
Parameters	Protocol	Unit	Result	Standard
Volatile organic compounds	MSVAL/SOP/SE/003	%	BDL	Shall not be more than 0.01

INFERENCE	As per KSPCB Standards
INFERENCE	Report Status: - The analyzed value for above measured parameter is within the limits.

Analysed

Authorized Signatory Hanumanthaiah P Technical Manager



Note: 1. The results listed only to the tested samples & applicable parameters.

3. This report is not to be reproduced wholly or in part & cannot be used as evidence in the court of law & should not be used in any advertising media without our special permission in writing

5. Sampling is not done by us unless otherwise specified.

^{2.} Water, Pollution & Environment & Food samples will be discarded after 10 days. Ores and minerals Filter papers & Thimbles will be discarded in 3 months from the date of issue of test reports, unless otherwise specified. ILC samples will be discarded after 1 month from the date of test reports.

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MSVAL/SE/RF/01/00

1.	Name and Address of the Industry	ł	M/S. Shilpa Pharma Life Sciences Limited unit-2, Plot No. 33, 33A, 40-47, Raichur Industrial Growth Center, Chicksugur village, Raichur.
2.	Stack ID	:	DG – Set 625KVA– I
3.	Sample Collected By	:	MSV Analytical Laboratories, Bellary
4.	Date of Monitoring	a	17.08.2024
5.	Date of Sample Receipt	:	19.08.2024
6.	Sample Code	3	28229
7.	Analysis Starting Date		26.08.2024
8.	Analysis Completion Date	4	26.08.2024
9.	Report Issue date	4	27.08.2024

ANALYSIS REPORT FOR SOURCE EMMISSION

Discipline: Chemical Group: Atmospheric Pollution Sub Group: Stack Emission ULR No: TC407124000018390F

GENERAL DETAILS

Instrument Used for Sampling	Sample collected with VSS_1
Fuel Used	Diesel
Ambient Temperature (°C)	30
Stack Temperature (°C)	80
Velocity (m/s)	6.0
Height (m)	6 mtr AGL
Diameter (m)	0.5
Cross sectional area (m ²)	0.1964

RESULTS

Parameters	Protocol	Unit	Result	Standard
Particulate Matter	IS-11255(Part-1) - 2019	mg/Nm ³	52.6	150
Sulphur dioxide	IS-11255(Part-2) - 2019	mg/Nm ³	20.4	100
Nitrogen dioxide	IS-11255(Part-7) – 2017	mg/Nm ³	24.1	50

INFERENCE

As per KSPCB Standards

Report Status: - The analyzed value for above measured parameter is within the limits.

Analysed



Authorized Signatory

0 Hanumanthaiah P **Technical Manager**



- The results listed only to the tested samples & applicable parameters.
 Water, Pollution & Environment & Food samples will discard after 10 days. Ores and minerals, Filter papers & Thimbles will discard 3 months from the date of issue of test certificate unless otherwise specified. ILC samples will be discard after 1 month from the date of test certificate issue.
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ANALYSIS REPORT FOR SOURCE EMMISSION

MSVAL/SE/RF/01/00

1.	Name and Address of the Industry		M/S. Shilpa Pharma Life Sciences Limited unit-2, Plot No. 33, 33A, 40-47, Raichur Industrial Growth Center, Chicksugur village, Raichur.
2.	Stack ID	:	DG – Set 625KVA– II
3.	Sample Collected By		MSV Analytical Laboratories, Bellary
4.	Date of Monitoring	:	17.08.2024
5.	Date of Sample Receipt	:	19.08.2024
6.	Sample Code		28230
7.	Analysis Starting Date	:	26.08.2024
8.	Analysis Completion Date	:	26.08.2024
9.	Report Issue date	•	27.08.2024

Discipline: Chemical Group: Atmospheric Pollution Sub Group: Stack Emission ULR No: TC407124000018391F

GENERAL DETAILS						
Instrument Used for Sampling	Sample collected with VSS _1					
Fuel Used	Diesel					
Ambient Temperature (°C)	29					
Stack Temperature (°C)	35					
Velocity (m/s)	6.3					
Height (m)	6 mtr AGL					
Diameter (m)	0.5					
Cross sectional area (m ²)	0.1964					

RESULTS Parameters Protocol Unit Result Standard Particulate Matter IS-11255(Part-1) - 2019 mg/Nm³ 54.2 150 Sulphur dioxide IS-11255(Part-2) - 2019 mg/Nm³ 20.4 100 Nitrogen dioxide IS-11255(Part-7) - 2017 mg/Nm³ 26.8 50

INFERENCE

As per KSPCB Standards

Report Status: - The analyzed value for above measured parameter is within the limits.



Authorized Signatory Handmanthaiah P **Technical Manager**



- Note: 1. The results listed only to the tested samples & applicable parameters. 2. Water, Pollution & Environment & Food samples will discard after 10 days. Ores and minerals, Filter papers & Thimbles will discard 3 months from the date of issue of test certificate unless otherwise specified. ILC samples will be card after 1 month from the date of test certificate issue.
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MSVAL/SE/RF/01/00

ANALYSIS REPORT FOR SOURCE EMMISSION

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- Name and Address of the Industry 1.
- 2. Stack ID Sample Collected By 3. 4. Date of Monitoring
- 5. Date of Sample Receipt
- Sample Code 6.
- Analysis Starting Date 7.
- 8. Analysis Completion Date
- 9. **Report Issue date**
- DG Set 750 KVA-IV MSV Analytical Laboratories, Bellary 17.08.2024 19.08.2024 28232 26.08.2024 26.08.2024 27.08.2024

M/S. Shilpa Pharma Life Sciences Limited unit-2,

Chicksugur village, Raichur.

Plot No. 33, 33A, 40-47, Raichur Industrial Growth Center,

Discipline: Chemical	Group: Atmospheric Pollution	Sub Group: Stack Emission	ULR No: TC407124000018393F
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GENERAL DETAILS

Instrument Used for Sampling	Sample collected with VSS _1					
Fuel Used	Diesel					
Ambient Temperature (°C)	34					
Stack Temperature (ºC)	85					
Velocity (m/s)	8.5					
Height (m)	6 mtr AGL					
Diameter (m)	0.5					
Cross sectional area (m ²)	0.1964					

RESU	LT	rs

Parameters	Protocol	Unit	Result	Standard
Particulate Matter	IS-11255(Part-1) - 2019	mg/Nm ³	58.4	150
Sulphur dioxide	IS-11255(Part-2) - 2019	mg/Nm ³	21.2	100
Nitrogen dioxide	IS-11255(Part-7) – 2017	mg/Nm ³	25.6	50

As per KSPCB Standards INFERENCE

Report Status: - The analyzed value for above measured parameter is within the limits.

nalysed by



Authorized Signatory Hanumanthaiah P

Technical Manager

Note : 1. The results listed only to the tested samples & applicable parameters.

2. Water, Pollution & Environment & Food samples will discard after 10 days. Ores and minerals, Filter papers & Thimbles will discard 3 months from the date of issue of test certificate unless otherwise specified. ILC samples will be discard after 1 month from the date of test certificate issue.

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 E-mail : msvalbellary2018@gmail.com, labmsv@gmail.com
 Website : www.msvalbellary.com

ANALYSIS REPORT FOR SOURCE EMMISSION



MSVAL/SE/RF/01/00

M/S. Shilpa Pharma Life Sciences Limited unit-2, Name and Address of the Industry 1. Plot No. 33, 33A, 40-47, Raichur Industrial Growth Center, Chicksugur village, Raichur. Thermic Fluid Heater 2. Stack ID Sample Collected By MSV Analytical Laboratories, Bellary 3. ÷ 4. Date of Monitoring 17.08.2024 **Date of Sample Receipt** 19.08.2024 5. ÷ Sample Code 28233 6. ÷ **Analysis Starting Date** 26.08.2024 7. : **Analysis Completion Date** 26.08.2024 8. ÷ 27.08.2024 9. **Report Issue date**

Discipline: Chemical Group: Atmospheric Pollution Sub Group: Stack Emission ULR No: TC407124000018394F

GENERAL DETAILS

Instrument Used for Sampling	Sample collected with VSS _1					
Ambient Temperature (°C)	31					
Stack Temperature (°C)	115					
Velocity (m/s)	6.7					
Height (m)	3 mtr AGL					
Diameter (m)	0.35					
Cross sectional area (m ²)	0.0962					

RESULTS						
Parameters	Protocol	Unit	Result	Standard		
Rate of discharge	IS-11255(Part-3) - 2018	m³/hr	2199.74			
Emission Rate of PM	IS-11255(Part-1) - 2019	MT/day	0.00221			
Particulate Matter	IS-11255(Part-1) - 2019	mg/Nm ³	50.5	150		
Sulphur dioxide	IS-11255(Part-2) - 2019	mg/Nm ³	14.8	100		
Nitrogen dioxide	IS-11255(Part-7) - 2017	mg/Nm ³	18.2	50		

INFERENCE

As per KSPCB Standards

Report Status: - The analyzed value for above measured parameter is within the limits.

Analysed



Authorized Signatory

Hanumanthaiah P Technical Manager

Note: 1. The results listed only to the tested samples & applicable parameters.

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ANALYSIS REPORT FOR SOURCE EMMISSION

MSVAL/SE/RF/01/00

1.	Name and Address of the Industry	:	M/s. Shilpa Pharma Life Sciences Limited unit-2, Plot No. 33, 33A, 40-47, Raichur Industrial Growth Center, Chicksugur village, Raichur.
2.	Stack ID	:	Boiler - 10TPH & 6TPH
3.	Sample Collected By	:	MSV Analytical Laboratories, Bellary
4.	Date of Monitoring	1	19.07.2024
5.	Date of Sample Receipt	:	20.07.2024
6.	Sample Code	1	24933
7.	Analysis Starting Date	1	26.07.2024
8.	Analysis Completion Date	:	19.06.2024
9.	Report Issue date	10	27.07.2024

Discipline: Chemical Group: Atmospheric Pollution Sub Group: Stack Emission ULR No: TC407124000016384F

GENERAL DETAILS

Instrument Used for Sampling	Sample collected with VSS _1
Ambient Temperature (°C)	36
Stack Temperature (°C)	124
Velocity (m/s)	7.1
Height (m)	30 mtr AGL
Diameter (m)	1.12
Cross sectional area (m ²)	0.9856

RESULTS

Parameters	Protocol	Unit	Result	Standard
Rate of discharge	IS-11255(Part-3) - 2018	m³/hr	25523.4	
Particulate Matter	IS-11255(Part-1) - 2019	mg/Nm ³	75.6	150
Sulphur dioxide	IS-11255(Part-2) - 2019	PPM	BDL	100
Nitrogen dioxide	IS-11255(Part-7) - 2017	PPM	20.5	50
Acid mist(HCl Mist)	MSVAL/SOP/SE/002:2022	mg/Nm ³	BDL	35
Carbon Monoxide as CO	IS 13270	PPM	66.4	<150
Carbon Dioxide as COz	(Orsat Apparatus USEPA 3A:1989)	%	8.44	<12

As per KSPCB Standards INFERENCE

Report Status: - The analyzed value for above measured parameter is within the limits.

Analysed by



Authorized Signatory Hanumanthaiah P **Technical Manager**

- Note: 1. The results listed only to the tested samples & applicable parameters.
 2. Water, Pollution & Environment & Food samples will discard after 10 days. Ores and minerals, Filter papers & Thimbles will discard 3 months from the date of issue of test certificate unless otherwise specified. ILC samples will be discard after 1 month from the date of test certificate issue.
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 - 5. Sampling is not done by us unless otherwise specified



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MSVAL/SE/RF/01/00

ANALYSIS REPORT FOR SOURCE EMMISSION

1.	Name and Address of the Industry	:	M/s. Shilpa Pharma Life Sciences Limited unit-2, Plot No. 33, 33A, 40-47, Raichur Industrial Growth Center, Chicksugur village, Raichur.
2.	Stack ID		Scrubber-Production Block-C (Intermediate Centrifuges Area)
3.	Sample Collected By		MSV Analytical Laboratories, Bellary
4.	Date of Monitoring	:	19.07.2024
5.	Date of Sample Receipt		20.07.2024
6.	Sample Code	:	24934
7.	Analysis Starting Date	:	26.07.2024
8.	Analysis Completion Date	:	19.06.2024
9.	Report Issue date	:	27.07.2024

Discipline: Chemical Group: Atmospheric Pollution Sub Group: Stack Emission ULR No: TC407124000016390F

GENERAL DETAILS			
Instrument Used for Sampling	Sample collected with VSS _1		
Ambient Temperature (°C)	34		
Stack Temperature (°C)	38		
Velocity (m/s)	5.3		
Height (m)	3 mtr AGL		
Diameter (m)	0.29		
Cross sectional area (m ²)	0.0660		

RESULTS

Parameters	Protocol	Unit	Result	Standard
Rate of discharge	IS-11255(Part-3) – 2018	m³/hr	1259.3	272
Particulate Matter	IS-11255(Part-1) - 2019	mg/Nm ³	36.3	
Sulphur dioxide	IS-11255(Part2) - 2019	PPM	BDL	1377 0
Nitrogen dioxide	IS-11255(Part7) - 2017	PPM	BDL	
Acid mist(HCl Mist)	MSVAL/SOP/SE/002:2022	mg/Nm ³	8.22	35

As per KSPCB Standards INFERENCE Report Status: - The analyzed value for above measured parameter is within the limits.

Analysed

Authorized Signatory

Hanumanthaiah P **Technical Manager**



Note: 1. The results listed only to the tested samples & applicable parameters.

Water, Pollution & Environment & Food samples a applicable parameters.
 Water, Pollution & Environment & Food samples will discard after 10 days. Ores and minerals, Filter papers & Thimbles will discard 3 months from the date of issue of test certificate unless otherwise specified. ILC samples will be discard after 1 month from the date of test certificate issue.
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ANALYSIS REPORT FOR SOURCE EMMISSION

Name and Address of the Industry 1. : M/s. Shilpa Pharma Life Sciences Limited unit-2, Plot No. 33, 33A, 40-47, Raichur Industrial Growth Center, Chicksugur village, Raichur. 2 Stack ID Scrubber-Production Block-C : (Intermediate Centrifuges Area) MSV Analytical Laboratories, Bellary 3. Sample Collected By . Date of Monitoring 4 19.07.2024 5. Date of Sample Receipt 20.07.2024 . Sample Code 6. i. 6698 7. Analysis Starting Date 26.07.2024 3 8. Analysis Completion Date 19.06.2024 3 9. Report Issue date 27.07.2024 2

Discipline: Chemical Group: Atmospheric Pollution Sub Group: Stack Emission ULR No: MSVAL/2024/3928

GENERAL DETAILS

Instrument Used for Sampling	Sample collected with VSS _1
Ambient Temperature (°C)	34
Stack Temperature (°C)	38
Velocity (m/s)	5.3
Height (m)	3 mtr AGL
Diameter (m)	0.29
Cross sectional area (m ²)	0.0660

RESULTS

Parameters	Protocol	Unit	Result	Standard
Volatile organic	MSVAL/SOP/SE/003	%	BDL	Shall not be more
compounds	1101112/001/02/003	70	BDU	than 0.01

INFERENCE	As per KSPCB Standards
INFERENCE	Report Status: - The analyzed value for above measured parameter is within the limits.

Analysed by



Authorized Signatory Hanumanthaiah P **Technical Manager**

MSVAL/SE/RF/01/00

Note: 1 The results listed only to the tested samples & applicable parameters.

 Water, Pollution & Environment & Food samples will be discarded after 10 days. Ores and minerals Filter papers & Thimbles will be discarded in 3 months from the date of issue of test reports, unless otherwise specified. ILC samples will be discarded after 1 month from the date of test reports.

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MSVAL/SE/RF/01/00

ANALYSIS REPORT FOR SOURCE EMMISSION

1.	Name and Address of the Industry	1	M/s. Shilpa Pharma Life Sciences Limited unit-2, Plot No. 33, 33A, 40-47, Raichur Industrial Growth Center, Chicksugur village, Raichur.
2.	Stack ID	:	Scrubber-Production Block-C (Intermediate Reactors Area)
3.	Sample Collected By	:	MSV Analytical Laboratories, Bellary
4.	Date of Monitoring	÷.	19.07.2024
5.	Date of Sample Receipt	:	20.07.2024
6.	Sample Code	:	24940
7.	Analysis Starting Date	:	26.07.2024
8.	Analysis Completion Date	:	19.06.2024
9.	Report Issue date		27.07.2024
	-		

ULR No: TC407124000016391F Discipline: Chemical Group: Atmospheric Pollution Sub Group: Stack Emission

GENERAL DETAILS

Instrument Used for Sampling	Sample collected with VSS _1
Ambient Temperature (°C)	33
Stack Temperature (°C)	38
Velocity (m/s)	4.6
Height (m)	3 mtr AGL
Diameter (m)	0.29
Cross sectional area (m ²)	0.0660

Parameters	Protocol	Unit	Result	Standard
Rate of discharge	IS-11255(Part-3) - 2018	m³/hr	1092.96	1111
Particulate Matter	IS-11255(Part-1) - 2019	mg/Nm ³	36.4	
Sulphur dioxide	IS-11255(Part-2) - 2019	mg/Nm ³	BDL	
Nitrogen dioxide	IS-11255(Part-7) - 2017	mg/Nm ³	BDL	
Acid mist(HCl Mist)	MSVAL/SOP/SE/002:2022	mg/Nm ³	10.5	35

DECHITE

INFERENCE As per KSPCB Standards	
INFERENCE	Report Status: - The analyzed value for above measured parameter is within the limits.

Analysed by



Authorized Signatory Hanumanthaiah P **Technical Manager**

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ANALYSIS REPORT FOR SOURCE EMMISSION

1. Name and Address of the Industry M/s. Shilpa Pharma Life Sciences Limited unit-2, • Plot No. 33, 33A, 40-47, Raichur Industrial Growth Center, Chicksugur village, Raichur. Scrubber-Production Block-C 2. Stack ID ÷ (Intermediate Reactors Area) 3. Sample Collected By MSV Analytical Laboratories, Bellary . Date of Monitoring 4. 3 19.07.2024 5. Date of Sample Receipt 20.07.2024 1 6. Sample Code ÷ 6699 Analysis Starting Date 7. 3 26.07.2024 Analysis Completion Date 8. 3 19.06.2024 Report Issue date 9. . 27.07.2024

Discipline: Chemical Group: Atmospheric Pollution Sub Group: Stack Emission ULR No: MSVAL/2024/3929

GENERAL DETAILS

Instrument Used for Sampling	Sample collected with VSS _1
Ambient Temperature (°C)	33
Stack Temperature (ºC)	38
Velocity (m/s)	4.6
Height (m)	3 mtr AGL
Diameter (m)	0.29
Cross sectional area (m ²)	0.0660

RESULTS												
Parameters	Protocol	Unit	Result	Standard								
Volatile organic	MSVAL/SOP/SE/003	%	BDL	Shall not be								
compounds	,,,,,,,,,,,	70		more than 0.01								

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INFERENCE	As per KSPCB Standards
INTERENCE	Report Status: - The analyzed value for above measured parameter is within the limits.

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Authorized Signatory C Hantmanthaiah P **Technical Manager**

MSVAL/SE/RF/01/00

Note: 1. The results listed only to the tested samples & applicable parameters.

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MSVAL/SE/RF/01/00

ANALYSIS REPORT FOR SOURCE EMMISSION

1.	Name and Address of the Industry	ŝ	M/s. Shilpa Pharma Life Sciences Limited unit-2, Plot No. 33, 33A, 40-47, Raichur Industrial Growth Center, Chicksugur village, Raichur.
2.	Stack ID	:	Scrubber-Production Block-Al (Intermediate Area)
3.	Sample Collected By	:	MSV Analytical Laboratories, Bellary
4.	Date of Monitoring	;	19.07.2024
5.	Date of Sample Receipt	:	20.07.2024
6.	Sample Code	4	24941
7.	Analysis Starting Date	1	26.07.2024
8.	Analysis Completion Date	1	19.06.2024
9.	Report Issue date	3	27.07.2024

Discipline: Chemical Group: Atmospheric Pollution Sub Group: Stack Emission ULR No: TC407124000016392F

Instrument Used for Sampling	Sample collected with VSS _1
Ambient Temperature (°C)	33
Stack Temperature (°C)	40
Velocity (m/s)	4.8
Height (m)	3 mtr AGL
Diameter (m)	0.33
Cross sectional area (m ²)	0.0855

GENERAL DETAILS

RESULTS

Parameters	Protocol	Unit	Result	Standard
Rate of discharge	IS-11255(Part-3) - 2018	m³/hr	1477.4	
Particulate Matter	IS-11255(Part-1) - 2019	mg/Nm ³	47.2	
Sulphur dioxide	IS-11255(Part-2) - 2019	mg/Nm ³	BDL	185714) 1414-1
Nitrogen dioxide	IS-11255(Part-7) - 2017	mg/Nm ³	BDL	
Acid mist(HCl Mist)	MSVAL/SOP/SE/002:2022	mg/Nm ³	8.4	35

INFERENCE	As per KSPCB Standards
INFERENCE	Report Status: - The analyzed value for above measured parameter is within the limits.

Authorized Signatory Hanumanthaiah P **Technical Manager**



Note: 1. The results listed only to the tested samples & applicable parameters.

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MSVAL/SE/RF/01/00

ANALYSIS REPORT FOR SOURCE EMMISSION

1.	Name and Address of the Industry	ŧ	M/s. Shilpa Pharma Life Sciences Limited unit-2, Plot No. 33, 33A, 40-47, Raichur Industrial Growth Center, Chicksugur village, Raichur.
2.	Stack ID	:	Scrubber-Production Block-AI (Intermediate Area)
3.	Sample Collected By	:	MSV Analytical Laboratories, Bellary
4.	Date of Monitoring	:	19.07.2024
5.	Date of Sample Receipt	:	20.07.2024
6.	Sample Code	:	6700
7.	Analysis Starting Date	:	26.07.2024
8.	Analysis Completion Date		19.06.2024
9.	Report Issue date	:	27.07.2024

Discipline: Chemical Group: Atmospheric Pollution Sub Group: Stack Emission ULR No: MSVAL/2024/3930

GENERAL DETAILS

Instrument Used for Sampling	Sample collected with VSS _1
Ambient Temperature (°C)	33
Stack Temperature (°C)	40
Velocity (m/s)	4.8
Height (m)	3 mtr AGL
Diameter (m)	0.33
Cross sectional area (m ²)	0.0855

RESULTS

Parameters	Protocol	Unit	Result	Standard				
Volatile organic	MSVAL/SOP/SE/003	%	BDL	Shall not be				
compounds	M3VAE/301/3E/003	70	BDL	more than 0.01				

INFERENCE	As per KSPCB Standards
INTERCIÓL	Report Status: - The analyzed value for above measured parameter is within the limits.

Analysed by



Authorized Signatory Hanumanthaiah P **Technical Manager**

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 E-mail : msvalbellary2018@gmail.com, labmsv@gmail.com

MSVAL/SE/RF/01/00

ANALYSIS REPORT FOR SOURCE EMMISSION

1.	Name and Address of the Industry	:	M/s. Shilpa Pharma Life Sciences Limited unit-2, Plot No. 33, 33A, 40-47, Raichur Industrial Growth Center, Chicksugur village, Raichur.
2.	Stack ID	:	Scrubber-Production Block-D (Intermediate)
3.	Sample Collected By	4	MSV Analytical Laboratories, Bellary
4.	Date of Monitoring	:	19.07.2024
5.	Date of Sample Receipt	13	20.07.2024
6.	Sample Code		6701
7.	Analysis Starting Date	3	26.07.2024
8.	Analysis Completion Date	8	19.06.2024
9.	Report Issue date	:	27.07.2024

Discipline: Chemical Group: Atmospheric Pollution Sub Group: Stack Emission ULR No: MSVAL/2024/3931

GENERAL DETAILS

Instrument Used for Sampling	Sample collected with VSS_1
Ambient Temperature (°C)	32
Stack Temperature (°C)	36
Velocity (m/s)	5.3
Height (m)	3 mtr AGL
Diameter (m)	0.33
Cross sectional area (m ²)	0.0855

RESULTS

Parameters	Protocol	Unit	Result	Standard
Volatile organic	MSVAL/SOP/SE/003	%	BDL	Shall not be
compounds	M3VAL/301/3E/003	70	DDL	more than 0.01

INFERENCE	As per KSPCB Standards
INFERENCE	Report Status: - The analyzed value for above measured parameter is within the limits.

Analysed by



Authorized Signatory Hanumanthaiah P **Technical Manager**

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MSVAL/SE/RF/01/00

ANALYSIS REPORT FOR SOURCE EMMISSION

1.	Name and Address of the Industry	1	M/s. Shilpa Pharma Life Sciences Limited unit-2, Plot No. 33, 33A, 40-47, Raichur Industrial Growth Center, Chicksugur village, Raichur.
2.	Stack ID	:	Scrubber-Production Block-D (Pharma Area)
3.	Sample Collected By		MSV Analytical Laboratories, Bellary
4.	Date of Monitoring	:	19.07.2024
5.	Date of Sample Receipt	2	20.07.2024
6.	Sample Code	:	24943
7.	Analysis Starting Date		26.07.2024
8.	Analysis Completion Date	:	19.06.2024
9.	Report Issue date		27.07.2024

Discipline: Chemical Group: Atmospheric Pollution Sub Group: Stack Emission ULR No: TC407124000016394F

GENERAL DETAILS

Instrument Used for Sampling	Sample collected with VSS _1
Ambient Temperature (°C)	33
Stack Temperature (°C)	39
Velocity (m/s)	4.5
Height (m)	3 mtr AGL
Diameter (m)	0.34
Cross sectional area (m ²)	0.0908

RESULTS

Parameters	Protocol	Unit	Result	Standard
Rate of discharge	IS-11255(Part-3) - 2018	m³/hr	1503.6	+++
Particulate Matter	IS-11255(Part-1) - 2019	mg/Nm ³	38.6	
Sulphur dioxide	IS-11255(Part-2) - 2019	mg/Nm ³	BDL	;
Nitrogen dioxide	IS-11255(Part-7) - 2017	mg/Nm ³	BDL	
Acid mist(HCl Mist)	MSVAL/SOP/SE/002:2022	mg/Nm ³	12.4	35

As per KSPCB Standards **INFERENCE** Report Status: - The analyzed value for above measured parameter is within the limits.

Analysed

Authorized Signatory Hanumanthaiah P **Technical Manager**



- 5. Sampling is not done by us unless otherwise specified

^{2.} Water, Pollution & Environment & Food samples will discard after 10 days. Ores and minerals, Filter papers & Thimbles will discard 3 months from the date of issue of test certificate unless otherwise specified. ILC samples will be discard after 1 month from the date of test certificate issue. 3. This report is not to be reproduced wholly or in part & cannot be used as evidence in the court of law & should not be used in any advertising media without our special

permission in writing. 4. Total liability of our laboratory is limited to the invoice amount. Any dispute arising out of this report is subject to Bellary jurisdiction only.



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ANALYSIS REPORT FOR SOURCE EMMISSION

1. Name and Address of the Industry ċ M/s. Shilpa Pharma Life Sciences Limited unit-2, Plot No. 33, 33A, 40-47, Raichur Industrial Growth Center, Chicksugur village, Raichur. 2. Stack ID Scrubber-Production Block-D (Pharma Area) Sample Collected By 3. : MSV Analytical Laboratories, Bellary **Date of Monitoring** 4. 19.07.2024 3 **Date of Sample Receipt** 5. 20.07.2024 6. Sample Code 6702 7. Analysis Starting Date 26.07.2024 15 Analysis Completion Date 8. 19.06.2024 9 **Report Issue date** 27.07.2024

Discipline: Chemical Group: Atmospheric Pollution Sub Group: Stack Emission ULR No: MSVAL/2024/3932

GENERAL DETAILS

Instrument Used for Sampling	Sample collected with VSS_1				
Ambient Temperature (°C)	33				
Stack Temperature (°C)	39				
Velocity (m/s)	4.5				
Height (m)	3 mtr AGL				
Diameter (m)	0.34				
Cross sectional area (m ²)	0.0908				

RESULTS

Parameters	Protocol	Unit	Result	Standard
Volatile organic	MSVAL/SOP/SE/003	%	BDL	Shall not be more
compounds				than 0.01

INFERENCE	As per KSPCB Standards
INFERENCE	Report Status: - The analyzed value for above measured parameter is within the limits.

Analysed



Authorized Signatory Hanumanthaiah P **Technical Manager**

MSVAL/SE/RF/01/00

Note: 1. The results listed only to the tested samples & applicable parameters.

2. Water, Pollution & Environment & Food samples will be discarded after 10 days. Ores and minerals Filter papers & Thimbles will be discarded in 3 months from the date of issue of test reports, unless otherwise specified. ILC samples will be discarded after 1 month from the date of test reports.

3. This report is not to be reproduced wholly or in part & cannot be used as evidence in the court of law & should not be used in any advertising media without our special permission in writing. 4 Total liability of our laboratory is limited to the invoice amount. Any dispute arising out of this report is subject to Bellary jurisdiction only.

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MSVAL/SE/RF/01/00

ANALYSIS REPORT FOR SOURCE EMMISSION

1.	Name and Address of the Industry	:	M/s. Shilpa Pharma Life Sciences Limited unit-2, Plot No. 33, 33A, 40-47, Raichur Industrial Growth Center, Chicksugur village, Raichur.
2.	Stack ID		Scrubber-Production Block-E (Intermediate Centrifuges Area)
3.	Sample Collected By	20	MSV Analytical Laboratories, Bellary
4.	Date of Monitoring		19.07.2024
5.	Date of Sample Receipt	:	20.07.2024
6.	Sample Code	:	24944
7.	Analysis Starting Date	:	26.07.2024
8.	Analysis Completion Date	:	19.06.2024
9.	Report Issue date	÷	27.07.2024
	•		

Discipline: Chemical Group: Atmospheric Pollution Sub Group: Stack Emission ULR No: TC407124000016395F

GENERAL DETAILS

Instrument Used for Sampling	Sample collected with VSS _1 33		
Ambient Temperature (°C)			
Stack Temperature (°C)	41		
Velocity (m/s)	4.7 3 mtr AGL		
Height (m)			
Diameter (m)	0.35		
Cross sectional area (m ²)	0.0962		

RESULTS

Parameters	Protocol	Unit	Result	Standard
Rate of discharge	IS-11255(Part-3) - 2018	m³/hr	1663.2	540 /
Particulate Matter	IS-11255(Part-1) - 2019	mg/Nm ³	34.7	77 77.)
Sulphur dioxide	IS-11255(Part-2) - 2019	mg/Nm ³	BDL	533 0
Nitrogen dioxide	IS-11255(Part-7) - 2017	mg/Nm ³	BDL	
Acid mist(HCl Mist)	MSVAL/SOP/SE/002:2022	mg/Nm ³	10.6	35

As per KSPCB Standards INFERENCE Report Status: - The analyzed value for above measured parameter is within the limits.

Analysed by



Authorized Signatory Hanumanthaiah P **Technical Manager**

- The results isted unity to the tested samples & applicable parameters.
 Water, Pollution & Environment & Food samples will discard after 10 days. Ores and minerals, Filter papers & Thimbles will discard 3 months from the date of issue of test certificate unless otherwise specified. ILC samples will be discard after 1 month from the date of test certificate issue.
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- permission in writing.
- Total liability of our laboratory is limited to the invoice amount. Any dispute arising out of this report is subject to Bellary jurisdiction only.
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 E-mail : msvalbellary2018@gmail.com, labmsv@gmail.com

ANALYSIS REPORT FOR SOURCE EMMISSION

MSVAL/SE/RF/01/00

1.	Name and Address of the Industry	:	M/s. Shilpa Pharma Life Sciences Limited unit-2, Plot No. 33, 33A, 40-47, Raichur Industrial Growth Center, Chicksugur village, Raichur.
2.	Stack ID	4	Scrubber-Production Block-E
			(Intermediate Centrifuges Area)
3.	Sample Collected By	:	MSV Analytical Laboratories, Bellary
4.	Date of Monitoring		19.07.2024
5.	Date of Sample Receipt	:	20.07.2024
6.	Sample Code		6703
7.	Analysis Starting Date	4	26.07.2024
8.	Analysis Completion Date	3	19.06.2024
9.	Report Issue date		27.07.2024

Discipline: Chemical Group: Atmospheric Pollution Sub Group: Stack Emission ULR No: MSVAL/2024/3933

GENERAL DETAILS

Instrument Used for Sampling	Sample collected with VSS_			
Ambient Temperature (°C)	33			
Stack Temperature (°C)	41			
Velocity (m/s)	4.7			
Height (m)	3 mtr AGL			
Diameter (m)	0.35			
Cross sectional area (m ²)	0.0962			

RESULTS

Parameters	Protocol	Unit	Result	Standard
Volatile organic	MSVAL/SOP/SE/003	%	BDL	Shall not be
compounds	1101111,001,011,000	70	000	more than 0.01



As per KSPCB Standards

Report Status: - The analyzed value for above measured parameter is within the limits.

Analysed by

Authorized Signatory

Hanumanthaiah P Technical Manager

Note: 1. The results listed only to the tested samples & applicable parameters.

 Water, Pollution & Environment & Food samples will be discarded after 10 days. Ores and minerals Filter papers & Thimbles will be discarded in 3 months from the date of issue of test reports, unless otherwise specified. ILC samples will be discarded after 1 month from the date of test reports.

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MSVAL/SE/RF/01/00

ANALYSIS REPORT FOR SOURCE EMMISSION

1.	Name and Address of the Industry	3	M/s. Shilpa Pharma Life Sciences Limited unit-2, Plot No. 33, 33A, 40-47, Raichur Industrial Growth Center, Chicksugur village, Raichur.
2.	Stack ID	4	Scrubber-Production Block-H (Intermediate Area)
3.	Sample Collected By	:	MSV Analytical Laboratories, Bellary
4.	Date of Monitoring		19.07.2024
5.	Date of Sample Receipt		20.07.2024
6.	Sample Code		24945
7.	Analysis Starting Date	:	26.07.2024
8.	Analysis Completion Date	:	19.06.2024
9.	Report Issue date	:	27.07.2024

Discipline: Chemical Group: Atmospheric Pollution Sub Group: Stack Emission ULR No: TC407124000016396F

Instrument Used for Sampling	Sample collected with VSS 1		
Ambient Temperature (°C)	32		
Stack Temperature (°C)	44		
Velocity (m/s)	4.6		
Height (m)	3 mtr AGL		
Diameter (m)	0.28		
Cross sectional area (m ²)	0.06160		

GENERAL DETAILS

RESULTS

Parameters	Protocol	Unit	Result	Standard
Rate of discharge	IS-11255(Part-3) – 2018	m³/hr	1020.1	
Particulate Matter	IS-11255(Part-1) - 2019	mg/Nm ³	45.7	
Sulphur dioxide	IS-11255(Part-2) - 2019	mg/Nm ³	BDL	200
Nitrogen dioxide	IS-11255(Part-7) - 2017	mg/Nm ³	BDL	alle:
Acid mist(HCI Mist)	MSVAL/SOP/SE/002:2022	mg/Nm ³	12.2	35

	INFERENCE
1	

As per KSPCB Standards

Report Status: - The analyzed value for above measured parameter is within the limits.

Analysed by

Authorized Signatory Hanumanthaiah P **Technical Manager**



- Water, Pollution &Environment & Food samples will discard after 10 days. Ores and minerals, Filter papers & Thimbles will discard 3 months from the date of issue of test certificate unless otherwise specified. ILC samples will be discard after 1 month from the date of test certificate issue.
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 E-mail : msvalbellary2018@gmail.com, labmsv@gmail.com

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ANALYSIS REPORT FOR SOURCE EMMISSION

1.	Name and Address of the Industry	:	M/s. Shilpa Pharma Life Sciences Limited unit-2, Plot No. 33, 33A, 40-47, Raichur Industrial Growth Center, Chicksugur village, Raichur.
2.	Stack ID	:	Scrubber-Production Block-H (Intermediate Area)
3.	Sample Collected By	:	MSV Analytical Laboratories, Bellary
4.	Date of Monitoring	:	19.07.2024
5.	Date of Sample Receipt		20.07.2024
6.	Sample Code	3	6704
7.	Analysis Starting Date		26.07.2024
8.	Analysis Completion Date		19.06.2024
9.	Report Issue date	4	27.07.2024

Discipline: Chemical Group: Atmospheric Pollution Sub Group: Stack Emission ULR No: MSVAL/2024/3934

UENERAL DETAILS				
Instrument Used for Sampling	Sample collected with VSS _1			
Ambient Temperature (°C)	32			
Stack Temperature (°C)	44			
Velocity (m/s)	4.6			
Height (m)	3 mtr AGL			
Diameter (m)	0.28			
Cross sectional area (m ²) 0.06160				

CENEDAL DETAILS

RESULTS

Parameters	Protocol	Unit	Result	Standard	
Volatile organic compounds	MSVAL/SOP/SE/003	%	BDL	Shall not be more than 0.01	

INFERENCE	As per KSPCB Standards
INFERENCE	Report Status: - The analyzed value for above measured parameter is within the limits.

Analysed



Authorized Signatory Hanumanthaiah P **Technical Manager**

- Water, Pollution & Environment & Food samples will be discarded after 10 days. Ores and minerals Filter papers & Thimbles will be discarded in 3 months from the date of issue of test reports, unless otherwise specified. ILC samples will be discarded after 1 month from the date of test reports.
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ANALYSIS REPORT FOR SOURCE EMMISSION

1.	Name and Address of the Industry	;	M/s. Shilpa Pharma Life Sciences Limited unit-2, Plot No. 33, 33A, 40-47, Raichur Industrial Growth Center, Chicksugur village, Raichur.
2.	Stack ID	:	Scrubber-Production Block-I (Intermediate Area)
3.	Sample Collected By	:	MSV Analytical Laboratories, Bellary
4.	Date of Monitoring		19.07.2024
5.	Date of Sample Receipt	:	20.07.2024
6.	Sample Code	3	24946
7.	Analysis Starting Date		26.07.2024
8.	Analysis Completion Date	:	19.06.2024
9.	Report Issue date		27.07.2024

Discipline: Chemical Group: Atmospheric Pollution Sub Group: Stack Emission ULR No: TC407124000016397F

Instrument Used for Sampling	Sample collected with VSS _1
Ambient Temperature (°C)	32
Stack Temperature (°C)	43
Velocity (m/s)	4.5
Height (m)	3 mtr AGL
Diameter (m)	0.34
Cross sectional area (m ²)	0.0908

GENERAL DETAILS

RESULTS

Parameters	Protocol	Unit	Result	Standard
Rate of discharge	IS-11255(Part-3) - 2018	m³/hr	1503.6	
Particulate Matter	IS-11255(Part-1) - 2019	mg/Nm ³	40.4	-
Sulphur dioxide	IS-11255(Part-2) - 2019	mg/Nm ³	BDL	
Nitrogen dioxide	IS-11255(Part-7) - 2017	mg/Nm ³	BDL	
Acid mist(HCl Mist)	MSVAL/SOP/SE/002:2022	mg/Nm ³	10.2	35

INFERENCE	As per KSPCB Standards
INFERENCE	Report Status: - The analyzed value for above measured parameter is within the limits.

Analysed



Authorized Signatory Hanumanthaiah P **Technical Manager**

- 2. Water, Pollution & Environment & Food samples will discard after 10 days. Ores and minerals, Filter papers & Thimbles will discard 3 months from the date of issue of test certificate unless otherwise specified. ILC samples will be discard after 1 month from the date of test certificate issue.
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 E-mail : msvalbellary2018@gmail.com, labmsv@gmail.com

MSVAL/SE/RF/01/00

ANALYSIS REPORT FOR SOURCE EMMISSION

1.	Name and Address of the Industry	:	M/s. Shilpa Pharma Life Sciences Limited unit-2, Plot No. 33, 33A, 40-47, Raichur Industrial Growth Center, Chicksugur village, Raichur.
2.	Stack ID	1	Scrubber-Production Block-I (Intermediate Area)
3.	Sample Collected By		MSV Analytical Laboratories, Bellary
4.	Date of Monitoring	1	19.07.2024
5.	Date of Sample Receipt	:	20.07.2024
6.	Sample Code	:	6705
7.	Analysis Starting Date	33	26.07.2024
8.	Analysis Completion Date	:	19.06.2024
9.	Report Issue date		27.07.2024

Discipline: Chemical Group: Atmospheric Pollution Sub Group: Stack Emission ULR No: MSVAL/2024/3935

GENERAL DETAILS

Instrument Used for Sampling	Sample collected with VSS _1 32		
Ambient Temperature (°C)			
Stack Temperature (°C)	43		
Velocity (m/s)	4.5		
Height (m)	3 mtr AGL		
Diameter (m)	0.34		
Cross sectional area (m ²)	0.0908		

RESULTS

Parameters	Protocol	Unit	Result	Standard	
Volatile organic compounds	MSVAL/SOP/SE/003	%	BDL	Shall not be more than 0.01	



As per KSPCB Standards Report Status: - The analyzed value for above measured parameter is within the limits.

Analysed



Authorized Signatory

Hanumanthaiah P Technical Manager

- Water, Pollution & Environment & Food samples will be discarded after 10 days. Ores and minerals Filter papers & Thimbles will be discarded in 3 months from the date of issue of test reports, unless otherwise specified. ILC samples will be discarded after 1 month from the date of test reports.
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ANALYSIS REPORT FOR SOURCE EMMISSION

M/s. Shilpa Pharma Life Sciences Limited unit-2, Name and Address of the Industry . 1. Plot No. 33, 33A, 40-47, Raichur Industrial Growth Center, Chicksugur village, Raichur. Scrubber-Production Block-AJ (Intermediate Area) Stack ID 2. . Sample Collected By MSV Analytical Laboratories, Bellary 3. ł 19.07.2024 Date of Monitoring 4. Date of Sample Receipt 20.07.2024 1 5. 6. Sample Code 3 24947 Analysis Starting Date 26.07.2024 7. : **Analysis Completion Date** 19.06.2024 : 8. **Report Issue date** 27.07.2024 9. :

Discipline: Chemical Group: Atmospheric Pollution Sub Group: Stack Emission ULR No: TC407124000016398F

Instrument Used for Sampling	Sample collected with VSS_1
Ambient Temperature (°C)	34
Stack Temperature (°C)	39
Velocity (m/s)	5.3
Height (m)	3 mtr AGL
Diameter (m)	0.35
Cross sectional area (m ²)	0.0962

GENERAL DETAILS

RESULTS

Parameters	Protocol	Unit	Result	Standard
Rate of discharge	IS-11255(Part-3) - 2018	m³/hr	1835.5	
Particulate Matter	IS-11255(Part-1) - 2019	mg/Nm ³	37.3	
Sulphur dioxide	IS-11255(Part-2) - 2019	mg/Nm ³	BDL	-
Nitrogen dioxide	IS-11255(Part-7) - 2017	mg/Nm ³	BDL	
Acid mist(HCl Mist)	MSVAL/SOP/SE/002:2022	mg/Nm ³	12.3	35

INFERENCE	As per KSPCB Standards
INFERENCE	Report Status: - The analyzed value for above measured parameter is within the limits.

Analysed



Authorized Signatory Hanuman thaiah P **Technical Manager**

Note : 1. The results listed only to the tested samples & applicable parameters.

- 2. Water, Pollution & Environment & Food samples will discard after 10 days. Ores and minerals, Filter papers & Thimbles will discard 3 months from the date of issue of test certificate unless otherwise specified. ILC samples will be discard after 1 month from the date of test certificate issue.
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 E-mail : msvalbellary2018@gmail.com, labmsv@gmail.com

MSVAL/SE/RF/01/00

ANALYSIS REPORT FOR SOURCE EMMISSION

1.	Name and Address of the Industry	:	M/s. Shilpa Pharma Life Sciences Limited unit-2, Plot No. 33, 33A, 40-47, Raichur Industrial Growth Center, Chicksugur village, Raichur.
2.	Stack ID		Scrubber-Production Block-AJ (Intermediate Area)
3.	Sample Collected By		MSV Analytical Laboratories, Bellary
4.	Date of Monitoring	020	19.07.2024
5.	Date of Sample Receipt		20.07.2024
6.	Sample Code	:	6706
7.	Analysis Starting Date	020	26.07.2024
8.	Analysis Completion Date	:	19.06.2024
9.	Report Issue date	:	27.07.2024

Discipline: Chemical Group: Atmospheric Pollution Sub Group: Stack Emission ULR No: MSVAL/2024/3936

GENERAL DETAILS			
Instrument Used for Sampling	Sample collected with VSS _1		
Ambient Temperature (°C)	34		
Stack Temperature (°C)	39		
Velocity (m/s)	5.3		
Height (m)	3 mtr AGL		
Diameter (m)	0.35		
Cross sectional area (m ²)	0.0962		

RESULTS

Parameters	Protocol	Unit	Result	Standard
Volatile organic compounds	MSVAL/SOP/SE/003	%	BDL	Shall not be more than 0.01

INFERENCE As per KSPCB Standards Report Status: - The analyzed value for above measured parameter is within the limits.

Analysed by



Authorized Signatory Hanumanthaiah P **Technical Manager**

- Water, Pollution & Environment & Food samples will be discarded after 10 days. Ores and minerals Filter papers & Thimbles will be discarded in 3 months from the date of issue of test reports, unless otherwise specified. ILC samples will be discarded after 1 month from the date of test reports.
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MSVAL/SE/RF/01/00

ANALYSIS REPORT FOR SOURCE EMMISSION

- Name and Address of the Industry 1.
- 2. Stack ID
- Sample Collected By 3.
- Date of Monitoring 4.
- 5. Date of Sample Receipt
- 6. Sample Code
- Analysis Starting Date 7.
- **Analysis Completion Date** 8.
- 9. **Report Issue date**

Plot No. 33, 33A, 40-47, Raichur Industrial Growth Center, Chicksugur village, Raichur. : DG - Set 625KVA- I MSV Analytical Laboratories, Bellary :

M/s. Shilpa Pharma Life Sciences Limited unit-2,

- 19.07.2024 20.07.2024
- 24934 26.07.2024 ic. 19.06.2024
- : 27.07.2024 -

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Discipline: Chemical Group: Atmospheric Pollution Sub Group: Stack Emission ULR No: TC407124000016385F

Instrument Used for Sampling	Sample collected with VSS _1
Fuel Used	Diesel
Ambient Temperature (°C)	34
Stack Temperature (°C)	75
Velocity (m/s)	5.7
Height (m)	6 mtr AGL
Diameter (m)	0.5
Cross sectional area (m ²)	0.1964

RESULTS

Parameters	Protocol	Unit	Result	Standard
Particulate Matter	IS-11255(Part-1) - 2019	mg/Nm ³	55.2	150
Sulphur dioxide	IS-11255(Part-2) - 2019	mg/Nm ³	23.6	100
Nitrogen dioxide	IS-11255(Part-7) - 2017	mg/Nm ³	26.2	50

INFERENCE	As per KSPCB Standards	
INFERENCE	Report Status: - The analyzed value for above measured parameter is within the limits.	

Analysed



Authorized Signatory Hanumanthaiah P **Technical Manager**

Note : 1. The results listed only to the tested samples & applicable parameters.

- 2. Water, Pollution & Environment & Food samples will discard after 10 days. Ores and minerals, Filter papers & Thimbles will discard 3 months from the date of issue of test certificate unless otherwise specified. ILC samples will be discard after 1 month from the date of test certificate issue.
- 3. This report is not to be reproduced wholly or in part & cannot be used as evidence in the court of law & should not be used in any advertising media without our special permission in writing.
- 4. Total liability of our laboratory is limited to the invoice amount. Any dispute arising out of this report is subject to Bellary jurisdiction only.
- 5. Sampling is not done by us unless otherwise specified

GENERAL DETAILS


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ANALYSIS REPORT FOR SOURCE EMMISSION

Name and Address of the Industry M/s. Shilpa Pharma Life Sciences Limited unit-2, 1. Plot No. 33, 33A, 40-47, Raichur Industrial Growth Center, Chicksugur village, Raichur. DG - Set 625KVA- II 2. Stack ID Sample Collected By MSV Analytical Laboratories, Bellary 3. . Date of Monitoring 19.07.2024 4. Date of Sample Receipt 20.07.2024 5. ÷. 6. Sample Code 24935 ii. Analysis Starting Date 26.07.2024 7. **Analysis Completion Date** 19.06.2024 ŝ, 8. Report Issue date 27.07.2024 9.

Discipline: Chemical Group: Atmospheric Pollution Sub Group: Stack Emission ULR No: TC407124000016386F

GENERAL DETAILS

Instrument Used for Sampling	Sample collected with VSS _1
Fuel Used	Diesel
Ambient Temperature (°C)	34
Stack Temperature (°C)	83
Velocity (m/s)	6.0
Height (m)	6 mtr AGL
Diameter (m)	0.5
Cross sectional area (m ²)	0.1964

RESULTS

Parameters	Protocol	Unit	Result	Standard
Particulate Matter	IS-11255(Part-1) - 2019	mg/Nm ³	59.4	150
Sulphur dioxide	IS-11255(Part-2) - 2019	mg/Nm ³	58.3	100
Nitrogen dioxide	IS-11255(Part-7) - 2017	mg/Nm ³	33.7	50

INFERENCE	As per KSPCB Standards
INFERENCE	Report Status: - The analyzed value for above measured parameter is within the limits.



Authorized Signatory

Hanumanthaiah P Technical Manager

Note: 1. The results listed only to the tested samples & applicable parameters.

- Water, Pollution & Environment & Food samples will discard after 10 days. Ores and minerals, Filter papers & Thimbles will discard 3 months from the date of issue of test certificate unless otherwise specified. ILC samples will be discard after 1 month from the date of test certificate issue.
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ANALYSIS REPORT FOR SOURCE EMMISSION

M/s. Shilpa Pharma Life Sciences Limited unit-2, 1. Name and Address of the Industry Plot No. 33, 33A, 40-47, Raichur Industrial Growth Center, Chicksugur village, Raichur. DG - Set 625KVA- III 2. Stack ID MSV Analytical Laboratories, Bellary 3. Sample Collected By ŝ Date of Monitoring 19.07.2024 4. 20.07.2024 **Date of Sample Receipt** 5. Sample Code 24936 6. ÷ 26.07.2024 7. **Analysis Starting Date** : Analysis Completion Date 19.06.2024 8. 2 Report Issue date 27.07.2024 9.

Discipline: Chemical Group: Atmospheric Pollution Sub Group: Stack Emission ULR No: TC407124000016387F

GENERAL DETAILS		
Instrument Used for Sampling	Sample collected with VSS _1	
Fuel Used	Diesel	
Ambient Temperature (°C)	34	
Stack Temperature (°C)	82	
Velocity (m/s)	6.3	
Height (m)	6 mtr AGL	
Diameter (m)	0.5	
Cross sectional area (m ²)	0.1964	

GENERAL DETAILS

RESULTS

Parameters	Protocol	Unit	Result	Standard	
Particulate Matter	IS-11255(Part-1) - 2019	mg/Nm ³	54.4	150	
Sulphur dioxide	IS-11255(Part-2) - 2019	mg/Nm ³	18.3	100	
Nitrogen dioxide	IS-11255(Part-7) - 2017	mg/Nm ³	21.7	50	

INFERENC	As per KSPCB Standards	
INFERENC	Report Status: - The analyzed value for above measured parameter is within the limits	i.

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Authorized Signatory Hanumanthaiah. P **Technical Manager**

Note: 1 The results listed only to the tested samples & applicable parameters.

- Water, Pollution & Environment & Food samples will discard after 10 days. Ores and minerals, Filter papers & Thimbles will discard 3 months from the date of issue of test certificate unless otherwise specified. ILC samples will be discard after 1 month from the date of test certificate issue.
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ANALYSIS REPORT FOR SOURCE EMMISSION

Name and Address of the Industry M/s. Shilpa Pharma Life Sciences Limited unit-2. 1 Plot No. 33, 33A, 40-47, Raichur Industrial Growth Center, Chicksugur village, Raichur. 2. Stack ID DG - Set 750 KVA-IV . Sample Collected By 3. : MSV Analytical Laboratories, Bellary Date of Monitoring 4. 19.07.2024 1£ 5. Date of Sample Receipt 20.07.2024 5 6. Sample Code 1 24937 Analysis Starting Date 7. 26.07.2024 2 8. **Analysis Completion Date** 19.06.2024 : **Report Issue date** 27.07.2024 9. ł,

Discipline: Chemical Group: Atmospheric Pollution Sub Group: Stack Emission ULR No: TC407124000016388F

Instrument Used for Sampling	Sample collected with VSS _1
Fuel Used	Diesel
Ambient Temperature (°C)	33
Stack Temperature (°C)	91
Velocity (m/s)	6.4
Height (m)	6 mtr AGL
Diameter (m)	0.5
Cross sectional area (m ²)	0.1964

GENERAL DETAILS

RESULTS

Parameters	Protocol	Unit	Result	Standard	
Particulate Matter	IS-11255(Part-1) - 2019	mg/Nm ³	60.2	150	
Sulphur dioxide	IS-11255(Part-2) - 2019	mg/Nm ³	24.7	100	
Nitrogen dioxide	IS-11255(Part-7) - 2017	mg/Nm ³	28.4	50	

INFERENCE	As per KSPCB Standards
INFERENCE	Report Status: - The analyzed value for above measured parameter is within the limits.

Analysed



Authorized Signatory Hanumanthaiah P **Technical Manager**

Note: 1.The results listed only to the tested samples & applicable parameters.

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ANALYSIS REPORT FOR SOURCE EMMISSION

1.	Name and Address of the Industry	ï	M/s. Shilpa Pharma Life Sciences Limited unit-2, Plot No. 33, 33A, 40-47, Raichur Industrial Growth Center, Chicksugur village, Raichur.
2.	Stack ID	:	Thermic Fluid Heater
3.	Sample Collected By	:	MSV Analytical Laboratories, Bellary
4.	Date of Monitoring		19.07.2024
5.	Date of Sample Receipt	:	20.07.2024
6.	Sample Code		24938
7.	Analysis Starting Date	2	26.07.2024
8.	Analysis Completion Date	:	19.06.2024
9.	Report Issue date	13	27.07.2024
	-		

Discipline: Chemical Group: Atmospheric Pollution Sub Group: Stack Emission ULR No: TC407124000016389F

Instrument Used for Sampling	Sample collected with VSS _1
Ambient Temperature (°C)	34
Stack Temperature (°C)	91
Velocity (m/s)	6.5
Height (m)	3 mtr AGL
Diameter (m)	0.35
Cross sectional area (m ²)	0.0962

GENERAL DETAILS

RESU	JLTS

Parameters	Protocol	Unit	Result	Standard
Rate of discharge	IS-11255(Part-3) - 2018	m³/hr	2181.8	
Emission Rate of PM	IS-11255(Part-1) - 2019	MT/day	0.00251	
Particulate Matter	IS-11255(Part-1) - 2019	mg/Nm ³	55.3	150
Sulphur dioxide	IS-11255(Part-2) - 2019	mg/Nm ³	16.2	100
Nitrogen dioxide	IS-11255(Part-7) - 2017	mg/Nm ³	22.4	50

INFERENCE	As per KSPCB Standards
INFERENCE	Report Status: - The analyzed value for above measured parameter is within the limits.

Analysed by

Authorized Signatory Hanumanthaiah P **Technical Manager**



- Note: 1 The results listed only to the tested samples & applicable parameters.
 2. Water, Pollution & Environment & Food samples will discard after 10 days. Ores and minerals, Filter papers & Thimbles will discard 3 months from the date of issue of test certificate unless otherwise specified. ILC samples will be discard after 1 month from the date of test certificate issue.
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1.	Name and Address of the Industry	%	M/s. Shilpa Pharma Life Sciences Limited unit-2, Plot No. 33, 33A, 40-47, Raichur Industrial Growth Center, Chicksugur village, Raichur.
2.	Stack ID	3	Boiler - 10TPH & 6TPH
3.	Sample Collected By	37	MSV Analytical Laboratories, Bellary
4.	Date of Monitoring	320	13.06.2024
5.	Date of Sample Receipt	:	14.06.2024
6.	Sample Code	:	20401
7.	Analysis Starting Date	0120	15.06.2024
8.	Analysis Completion Date	:	19.06.2024
9.	Report Issue date	383	20.06.2024

ANALYSIS REPORT FOR SOURCE EMMISSION

Discipline: Chemical Group: Atmospheric Pollution Sub Group: Stack Emission ULR No: TC407124000013461F

GENERAL DETAILS

Instrument Used for Sampling	Sample collected with VSS _1
Ambient Temperature (°C)	34
Stack Temperature (ºC)	122
Velocity (m/s)	7.2
Height (m)	30 mtr AGL
Diameter (m)	1.12
Cross sectional area (m ²)	0.9856

RESULTS

Parameters	Protocol	Unit	Result	Standard ***
Rate of discharge	IS-11255(Part-3) - 2018	m³/hr	25546.75	
Particulate Matter	IS-11255(Part-1) - 2019	mg/Nm ³	70.6	150
Sulphur dioxide	IS-11255(Part-2) - 2019	PPM	24.2	100
Nitrogen dioxide	IS-11255(Part-7) - 2017	PPM	23.1	50
Acid mist(HCl Mist)	MSVAL/SOP/SE/002:2022	mg/Nm ³	BDL	35
Carbon Monoxide as CO	IS 13270	PPM	4.28	<150
Carbon Dioxide as CO2	(Orsat Apparatus USEPA 3A:1989)	%	8.22	<12

As per KSPCB Standards INFERENCE Report Status: - The analyzed value for above measured parameter is within the limits.

Analysed



Authorized Signatory Hanumanthaiah P **Technical Manager**

Note: 1. The results listed only to the tested samples & applicable parameters.

- Water, Pollution & Environment & Food samples will discard after 10 days. Ores and minerals, Filter papers & Thimbles will discard 3 months from the date of issue of test certificate unless otherwise specified. ILC samples will be discard after 1 month from the date of test certificate issue.
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ANALYSIS REPORT FOR SOURCE EMMISSION

1. Name and Address of the Industry : M/s. Shilpa Pharma Life Sciences Limited unit-2, Plot No. 33, 33A, 40-47, Raichur Industrial Growth Center, Chicksugur village, Raichur. Scrubber-Production Block-C 2. Stack ID 1 (Intermediate Centrifuges Area) Sample Collected By MSV Analytical Laboratories, Bellary 3. 4. Date of Monitoring 13.06.2024 5. Date of Sample Receipt 14.06.2024 . 6. Sample Code 20408 Analysis Starting Date 15.06.2024 7. 2 8. Analysis Completion Date 19.06.2024 : **Report Issue date** 20.06.2024 9. :

Discipline: Chemical Group: Atmospheric Pollution Sub Group: Stack Emission ULR No: TC407124000013462F

GENERAL DETAILS			
Instrument Used for Sampling	Sample collected with VSS _1		
Ambient Temperature (°C)	33		
Stack Temperature (°C)	38		
Velocity (m/s)	5.5		
Height (m)	3 mtr AGL		
Diameter (m)	0.29		
Cross sectional area (m ²)	0.0660		

RESULTS

Parameters	Protocol	Unit	Result	Standard
Rate of discharge	IS-11255(Part-3) - 2018	m³/hr	1306.8	100
Particulate Matter	IS-11255(Part-1) - 2019	mg/Nm ³	36.2	100
Sulphur dioxide	IS-11255(Part2) - 2019	PPM	BDL	
Nitrogen dioxide	IS-11255(Part7) - 2017	PPM	BDL	 ,
Acid mist(HCl Mist)	MSVAL/SOP/SE/002:2022	mg/Nm ³	7.4	35

INFERENCE As per KSPCB Standards		
INTERENCE	Report Status: - The analyzed value for above measured parameter is within the limits.	

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Authorized Signatory Hanumanthaiah P **Technical Manager**



Note: 1. The results listed only to the tested samples & applicable parameters.

- The results including to the restau samples wapplicable parameters.
 Water, Pollution & Environment & Food samples will discard after 10 days. Ores and minerals, Filter papers & Thimbles will discard 3 months from the date of issue of test certificate unless otherwise specified. ILC samples will be discard after 1 month from the date of test certificate issue.
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MSVAL/SE/RF/01/00

ANALYSIS REPORT FOR SOURCE EMMISSION

1.	Name and Address of the Industry	:	M/s. Shilpa Pharma Life Sciences Limited unit-2, Plot No. 33, 33A, 40-47, Raichur Industrial Growth Center, Chicksugur village, Raichur.
2.	Stack ID	÷	Scrubber-Production Block-C (Intermediate Centrifuges Area)
3.	Sample Collected By	:	MSV Analytical Laboratories, Bellary
4.	Date of Monitoring	3	13.06.2024
5.	Date of Sample Receipt		14.06.2024
6.	Sample Code	(5390
7.	Analysis Starting Date		15.06.2024
8.	Analysis Completion Date	:	19.06.2024
9.	Report Issue date		20.06.2024

GENERAL DETAILS

Instrument Used for Sampling	Sample collected with VSS _1
Ambient Temperature (°C)	33
Stack Temperature (°C)	38
Velocity (m/s)	5.5
Height (m)	3 mtr AGL
Diameter (m)	0.29
Cross sectional area (m ²)	0.0660

RESULTS

Parameters	Protocol	Unit	Result	Standard
Volatile organic compounds	MSVAL/SOP/SE/003	%	BDL	Shall not be more than 0.01

INFERENCE	As per KSPCB Standards
INFLICE	Report Status: - The analyzed value for above measured parameter is within the limits.

Analysed by

Authorized Signatory

Hanumanthaiah P Technical Manager



Note: 1. The results listed only to the tested samples & applicable parameters

2. Water, Pollution & Environment & Food samples will be discarded after 10 days. Ores and minerals Filter papers & Thimbles will be discarded in 3 months from the date of issue of test reports, unless otherwise specified. ILC samples will be discarded after 1 month from the date of test reports.

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5. Sampling is not done by us unless otherwise specified.

Discipline: Chemical Group: Atmospheric Pollution Sub Group: Stack Emission ULR No: MSVAL/2024/3273

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ANALYSIS REPORT FOR SOURCE EMMISSION

1.	Name and Address of the Industry		M/s. Shilpa Pharma Life Sciences Limited unit-2, Plot No. 33, 33A, 40-47, Raichur Industrial Growth Center,
2.	Stack ID	ų.	Chicksugur village, Raichur. Scrubber-Production Block-C (Intermediate Reactors Area)
3.	Sample Collected By	:	MSV Analytical Laboratories, Bellary
4.	Date of Monitoring	833	13.06.2024
5.	Date of Sample Receipt	:	14.06.2024
6.	Sample Code		20407
7.	Analysis Starting Date	25	15.06.2024
8.	Analysis Completion Date	1	19.06.2024
9.	Report Issue date		20.06.2024
	-		

Discipline: Chemical Group: Atmospheric Pollution Sub Group: Stack Emission ULR No: TC407124000013463F

GENERAL DETAILS

Instrument Used for Sampling	Sample collected with VSS _1
Ambient Temperature (°C)	34
Stack Temperature (°C)	39
Velocity (m/s)	5.3
Height (m)	3 mtr AGL
Diameter (m)	0.29
Cross sectional area (m ²)	0.0660

RESULTS				
Parameters	Protocol	Unit	Result	Standard
Rate of discharge	IS-11255(Part-3) - 2018	m³/hr	1259.29	
Particulate Matter	IS-11255(Part-1) - 2019	mg/Nm ³	46.8	
Sulphur dioxide	IS-11255(Part-2) - 2019	mg/Nm ³	BDL	315
Nitrogen dioxide	IS-11255(Part-7) - 2017	mg/Nm ³	BDL	
Acid mist(HCl Mist)	MSVAL/SOP/SE/002:2022	mg/Nm ³	15.2	35

INFERENCE	As per KSPCB Standards
INFERENCE	Report Status: - The analyzed value for above measured parameter is within the limits.

Analysed

-: END OF

Authorized Signatory Hanumanthaiah P **Technical Manager**



- Note: 1. The results listed only to the tested samples & applicable parameters. 2. Water, Pollution & Environment & Food samples will discard after 10 days. Ores and minerals, Filter papers & Thimbles will discard 3 months from the date of issue of test certificate unless otherwise specified. ILC samples will be discard after 1 month from the date of test certificate issue.
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ANALYSIS REPORT FOR SOURCE EMMISSION

Name and Address of the Industry M/s. Shilpa Pharma Life Sciences Limited unit-2, 1. 1 Plot No. 33, 33A, 40-47, Raichur Industrial Growth Center, Chicksugur village, Raichur. Stack ID Scrubber-Production Block-C 2. 2 (Intermediate Reactors Area) 3. Sample Collected By MSV Analytical Laboratories, Bellary ł Date of Monitoring 4. 13.06.2024 12 5. Date of Sample Receipt 14.06.2024 6. Sample Code 5391 3 7. Analysis Starting Date 15.06.2024 : Analysis Completion Date 8. 19.06.2024 **Q**. **Report** Issue date 20.06.2024 .

Discipline: Chemical Group: Atmospheric Pollution Sub Group: Stack Emission ULR No: MSVAL/2024/ 3274

GENERAL DETAILS

Instrument Used for Sampling	Sample collected with VSS _1
Ambient Temperature (°C)	34
Stack Temperature (°C)	39
Velocity (m/s)	5.3
Height (m)	3 mtr AGL
Diameter (m)	0.29
Cross sectional area (m ²)	0.0660

	RESULTS			
Parameters	Protocol	Unit	Result	Standard
Volatile organic compounds	MSVAL/SOP/SE/003	%	BDL	Shall not be more than 0.01



As per KSPCB Standards

Report Status: - The analyzed value for above measured parameter is within the limits.

Analysed by

Authorized Signatory Hanumanthaiah P Technical Manager

MSVAL/SE/RF/01/00



Note: 1. The results listed only to the tested samples & applicable parameters.

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5. Sampling is not done by us unless otherwise specified



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MSVAL/SE/RF/01/00

ANALYSIS REPORT FOR SOURCE EMMISSION

1.	Name and Address of the Industry	56	M/s. Shilpa Pharma Life Sciences Limited unit-2, Plot No. 33, 33A, 40-47, Raichur Industrial Growth Center, Chicksugur village, Raichur.
2.	Stack ID		Scrubber-Production Block-AI (Intermediate Area)
3.	Sample Collected By		MSV Analytical Laboratories, Bellary
4.	Date of Monitoring	:	13.06.2024
5.	Date of Sample Receipt	:	14.06.2024
6.	Sample Code	÷	20410
7.	Analysis Starting Date	:	15.06.2024
8.	Analysis Completion Date	4	19.06.2024
9.	Report Issue date	3	20.06.2024

Discipline: Chemical Group: Atmospheric Pollution Sub Group: Stack Emission ULR No: TC407124000013464F

GENERAL DETAILS

Sample collected with VSS_1
34
39
5.3
3 mtr AGL
0.33
0.0855

RESULTS

Parameters	Protocol	Unit	Result	Standard	
Rate of discharge	IS-11255(Part-3) - 2018	m³/hr	1631.34	-	
Particulate Matter	IS-11255(Part-1) - 2019	mg/Nm ³	39.4	***	
Sulphur dioxide	IS-11255(Part-2) - 2019	mg/Nm ³	BDL		
Nitrogen dioxide	IS-11255(Part-7) - 2017	mg/Nm ³	BDL	***	
Acid mist(HCl Mist)	MSVAL/SOP/SE/002:2022	mg/Nm ³	10.1	35	

L	NFERENCE	As per KSPCB Standards	
1	NFERENCE	Report Status: - The analyzed value for above measured parameter is within the limits.	ļ

nalysed by



Authorized Signatory Hanumanthaiah P **Technical Manager**

Note: 1 The results listed only to the tested samples & applicable parameters.

- 2. Water, Pollution & Environment & Food samples will discard after 10 days. Ores and minerals, Filter papers & Thimbles will discard 3 months from the date of issue of test certificate unless otherwise specified. ILC samples will be discard after 1 month from the date of test certificate issue.
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ANALYSIS REPORT FOR SOURCE EMMISSION

MSVAL/SE/RF/01/00

1.	Name and Address of the Industry	:	M/s. Shilpa Pharma Life Sciences Limited unit-2, Plot No. 33, 33A, 40-47, Raichur Industrial Growth Center, Chicksugur village, Raichur.
2.	Stack ID	:	Scrubber-Production Block-AI (Intermediate Area)
3.	Sample Collected By		MSV Analytical Laboratories, Bellary
4.	Date of Monitoring	1	13.06.2024
5.	Date of Sample Receipt	:	14.06.2024
6.	Sample Code		5392
7.	Analysis Starting Date	1	15.06.2024
8.	Analysis Completion Date	1	19.06.2024
9.	Report Issue date	1	20.06.2024

Discipline: Chemical Group: Atmospheric Pollution Sub Group: Stack Emission ULR No: MSVAL/2024/3275

GENERAL DETAILS

Instrument Used for Sampling	Sample collected with VSS _1
Ambient Temperature (°C)	34
Stack Temperature (°C)	39
Velocity (m/s)	5.3
Height (m)	3 mtr AGL
Diameter (m)	0.33
Cross sectional area (m ²)	0.0855

RESULTS

Parameters	Protocol	Unit	Result	Standard
Volatile organic	MSVAL/SOP/SE/003	%	BDL	Shall not be
compounds	M37112/301/32/003	70	DDL	more than 0.01

INFERENCE	As per KSPCB Standards
INTERENCE	Report Status: - The analyzed value for above measured parameter is within the limits.

Analysed by

Authorized Signatory Hanumanthaiah P **Technical Manager**



Note: 1. The results listed only to the tested samples & applicable parameters.

 Water, Pollution & Environment & Food samples will be discarded after 10 days. Ores and minerals Filter papers & Thimbles will be discarded in 3 months from the date of issue of test reports, unless otherwise specified, ILC samples will be discarded after 1 month from the date of test reports.

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ANALYSIS REPORT FOR SOURCE EMMISSION

M/s. Shilpa Pharma Life Sciences Limited unit-2, Name and Address of the Industry 1. Plot No. 33, 33A, 40-47, Raichur Industrial Growth Center, Chicksugur village, Raichur. Scrubber-Production Block-D (Intermediate) 2. Stack ID MSV Analytical Laboratories, Bellary Sample Collected By 3. • Date of Monitoring 13.06.2024 4. • 5. Date of Sample Receipt 14.06.2024 6. Sample Code 20409 ÷ 7. Analysis Starting Date 3 15.06.2024 19.06.2024 **Analysis Completion Date** 8. 3 **Report Issue date** 20.06.2024 9.

Discipline: Chemical Group: Atmospheric Pollution Sub Group: Stack Emission ULR No: TC407124000013481F

Instrument Used for Sampling	Sample collected with VSS_1			
Ambient Temperature (°C)	33			
Stack Temperature (°C)	38			
Velocity (m/s)	4.6			
Height (m)	3 mtr AGL			
Diameter (m)	0.33			
Cross sectional area (m ²)	0.0855			

GENERAL DETAILS

RESULTS

Parameters	Protocol	Unit	Result	Standard	
Rate of discharge	IS-11255(Part-3) - 2018	art-3] – 2018 m ³ /hr		त्रवृह्	
Particulate Matter IS-11255(Part-1) - 2019		mg/Nm ³	44.6	65.7	
Sulphur dioxide IS-11255(Part-2) - 2019		mg/Nm ³	BDL		
Nitrogen dioxide	IS-11255(Part-7) - 2017	mg/Nm ³	BDL		
Acid mist(HCl Mist)	MSVAL/SOP/SE/002:2022	mg/Nm ³	11.6	35	

INFERENCE	As per KSPCB Standards
INFERENCE	Report Status: - The analyzed value for above measured parameter is within the limits.

Analysed by

Authorized Signatory Hanumanthaiah P **Technical Manager**



Note : 1 The results listed only to the tested samples & applicable parameters.

- 2. Water, Pollution & Environment & Food samples will discard after 10 days. Ores and minerals, Filter papers & Thimbles will discard 3 months from the date of issue of test certificate unless otherwise specified. ILC samples will be discard after 1 month from the date of test certificate issue.
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ANALYSIS REPORT FOR SOURCE EMMISSION

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1

Name and Address of the Industry 1.

- 2. Stack ID
- 3. Sample Collected By
- 4. Date of Monitoring
- Date of Sample Receipt 5.
- 6. Sample Code
- 7
- Analysis Starting Date
- Analysis Completion Date 8.

M/s. Shilpa Pharma Life Sciences Limited unit-2, Plot No. 33, 33A, 40-47, Raichur Industrial Growth Center, Chicksugur village, Raichur. Scrubber-Production Block-D (Intermediate)

- MSV Analytical Laboratories, Bellary
- : 13.06.2024 14.06.2024
- 1 5394
- : 15.06.2024
- 19.06.2024 .

20.06.2024

9 **Report Issue date**

Discipline: Chemical Group: Atmospheric Pollution Sub Group: Stack Emission ULR No: MSVAL/2024/3277

GENERAL DETAILS

Instrument Used for Sampling	Sample collected with VSS _1
Ambient Temperature (°C)	33
Stack Temperature (°C)	38
Velocity (m/s)	4.6
Height (m)	3 mtr AGL
Diameter (m)	0.33
Cross sectional area (m ²)	0.0855

RESULTS

Parameters	Protocol	Unit	Result	Standard	
Volatile organic	anic MSVAL/SOP/SE/003		BDL	Shall not be	
compounds	M3VAL/30F/3E/003	%	BDL	more than 0.01	

INFERENCE

As per KSPCB Standards

Report Status: - The analyzed value for above measured parameter is within the limits.

Analysed by

Authorized Signatory

MSVAL/SE/RF/01/00

Hanumanthaiah P **Technical Manager**



Note: 1. The results listed only to the tested samples & applicable parameters.

2. Water, Pollution & Environment & Food samples will be discarded after 10 days. Ores and minerals Filter papers & Thimbles will be discarded in 3 months from the date of issue of test reports, unless otherwise specified. ILC samples will be discarded after 1 month from the date of test reports.

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MSVAL/SE/RF/01/00

ANALYSIS REPORT FOR SOURCE EMMISSION

1.	Name and Address of the Industry	1	M/s. Shilpa Pharma Life Sciences Limited unit-2, Plot No. 33, 33A, 40-47, Raichur Industrial Growth Center, Chicksugur village, Raichur.
2.	Stack ID		Scrubber-Production Block-D (Pharma Area)
3.	Sample Collected By	3	MSV Analytical Laboratories, Bellary
4.	Date of Monitoring	:	13.06.2024
5.	Date of Sample Receipt	3.0	14.06.2024
6.	Sample Code		20411
7.	Analysis Starting Date	:	15.06.2024
8.	Analysis Completion Date	10	19.06.2024
9.	Report Issue date		20.06.2024

Discipline: Chemical Group: Atmospheric Pollution Sub Group: Stack Emission ULR No: TC407124000013465F

GENERAL DETAILS

Instrument Used for Sampling	Sample collected with VSS _1
Ambient Temperature (°C)	33
Stack Temperature (°C)	38
Velocity (m/s)	4.6
Height (m)	3 mtr AGL
Diameter (m)	0.34
Cross sectional area (m ²)	0.0908

RESULTS

Parameters	Protocol	Unit	Result	Standard	
Rate of discharge	IS-11255(Part-3) - 2018	m³/hr	1503.648		
Particulate Matter	IS-11255(Part-1) - 2019	mg/Nm ³	44.6	(H)(H)	
Sulphur dioxide	IS-11255(Part-2) - 2019	mg/Nm ³	BDL		
Nitrogen dioxide	IS-11255(Part-7) - 2017	mg/Nm ³	BDL		
Acid mist(HCl Mist)	MSVAL/SOP/SE/002:2022	mg/Nm ³	11.6	35	

INFERENCE

As per KSPCB Standards Report Status: - The analyzed value for above measured parameter is within the limits.

Analysed b

Authorized Signatory

Hanumanthaiah P Technical Manager



Note: 1-The results listed only to the tested samples & applicable parameters.

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ANALYSIS REPORT FOR SOURCE EMMISSION

1.	Name and Address of the Industry	5 1 5	M/s. Shilpa Pharma Life Sciences Limited unit-2, Plot No. 33, 33A, 40-47, Raichur Industrial Growth Center, Chicksugur village, Raichur.
2.	Stack ID	010	Scrubber-Production Block-D (Pharma Area)
3.	Sample Collected By	1	MSV Analytical Laboratories, Bellary
4.	Date of Monitoring	12	13.06.2024
5.	Date of Sample Receipt	1	14.06.2024
6.	Sample Code	8	5395
7.	Analysis Starting Date	8	15.06.2024
8.	Analysis Completion Date	1	19.06.2024
9.	Report Issue date	1	20.06.2024

Discipline: Chemical Group: Atmospheric Pollution Sub Group: Stack Emission ULR No: MSVAL/2024/3278

GENERAL DETAILS

Instrument Used for Sampling	Sample collected with VSS _1
Ambient Temperature (°C)	33
Stack Temperature (°C)	38
Velocity (m/s)	4.6
Height (m)	3 mtr AGL
Diameter (m)	0.34
Cross sectional area (m ²)	0.0908

RESULTS

Parameters	Protocol	Unit	Result	Standard
Volatile organic	MSVAL/SOP/SE/003	%	BDL	Shall not be more
compounds	MSVAL/301/31/003	70	DDL	than 0.01

INFERENCE

CE As per KSPCB Standards Report Status: - The analyzed value for above measured parameter is within the limits.

Analysed by



Authorized Signatory Hanumanthaiah P **Technical Manager**

Note: 1. The results listed only to the tested samples & applicable parameters.

2. Water, Pollution & Environment & Food samples will be discarded after 10 days. Ores and minerals Filter papers & Thimbles will be discarded in 3 months from the date of issue of test reports, unless otherwise specified. ILC samples will be discarded after 1 month from the date of test reports.

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MSVAL/SE/RF/01/00

1.	Name and Address of the Industry		M/s. Shilpa Pharma Life Sciences Limited unit-2, Plot No. 33, 33A, 40-47, Raichur Industrial Growth Center, Chicksugur village, Raichur.
2.	Stack ID	3	Scrubber-Production Block-E (Intermediate Centrifuges Area)
3.	Sample Collected By	:	MSV Analytical Laboratories, Bellary
4.	Date of Monitoring		13.06.2024
5.	Date of Sample Receipt	1	14.06.2024
6.	Sample Code	:	20412
7.	Analysis Starting Date	5	15.06.2024
8.	Analysis Completion Date	1	19.06.2024
9.	Report Issue date	10 •2	20.06.2024

ANALYSIS REPORT FOR SOURCE EMMISSION

Discipline: Chemical Group: Atmospheric Pollution Sub Group: Stack Emission ULR No: TC407124000013466F

Instrument Used for Sampling Sample collected with VSS_1					
Ambient Temperature (°C)	33				
Stack Temperature (°C)	40				
Velocity (m/s)	4.8				
Height (m)	3 mtr AGL				
Diameter (m)	0.35				
Cross sectional area (m ²)	0.0962				

GENERAL DETAILS

RESULTS

Parameters	Protocol	Unit	Result	Standard
Rate of discharge	IS-11255(Part-3) - 2018	m³/hr	1662.336	
Particulate Matter	IS-11255(Part-1) - 2019	mg/Nm ³	34.2	
Sulphur dioxide	IS-11255(Part-2) - 2019	mg/Nm ³	BDL	
Nitrogen dioxide	IS-11255(Part-7) - 2017	mg/Nm ³	BDL	
Acid mist(HCl Mist)	MSVAL/SOP/SE/002:2022	mg/Nm ³	12.4	35

INFORTHOD	As per KSPCB Standards
INFERENCE	Report Status: - The analyzed value for above measured parameter is within the limits.

Analysed b

Authorized Signatory Hanumanthaiah P **Technical Manager**



Note : 1. The results listed only to the tested samples & applicable parameters.

2. Water, Pollution & Environment & Food samples will discard after 10 days. Ores and minerals, Filter papers & Thimbles will discard 3 months from the date of issue of test certificate unless otherwise specified. ILC samples will be discard after 1 month from the date of test certificate issue. 3. This report is not to be reproduced wholly or in part & cannot be used as evidence in the court of law & should not be used in any advertising media without our special

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 Sanganakallu Road, KEB Circle, Bellary - 583103. Contact No : Mob: 9449803895, (0):9945456764, 08392-255169

 E-mail : msvalbellary2018@gmail.com, labmsv@gmail.com
 Website : www.msvalbellary.com

ANALYSIS REPORT FOR SOURCE EMMISSION

Name and Address of the Industry M/s. Shilpa Pharma Life Sciences Limited unit-2, 1. Plot No. 33, 33A, 40-47, Raichur Industrial Growth Center, Chicksugur village, Raichur. 2. Stack ID Scrubber-Production Block-E 1 (Intermediate Centrifuges Area) 3. Sample Collected By : MSV Analytical Laboratories, Bellary Date of Monitoring 13.06.2024 4. 2 5. Date of Sample Receipt 14.06.2024 3 6. Sample Code 5396 7. Analysis Starting Date 1 15.06.2024 8. **Analysis Completion Date** 19.06.2024 1 **Report Issue date** 9. 20.06.2024 .

Discipline: Chemical Group: Atmospheric Pollution Sub Group: Stack Emission ULR No: MSVAL/2024/3279

GENERAL DETAILS

Instrument Used for Sampling	Sample collected with VSS_1 33		
Ambient Temperature (°C)			
Stack Temperature (ºC)	40		
Velocity (m/s)	4.8		
Height (m)	3 mtr AGL		
Diameter (m)	0.35		
Cross sectional area (m ²)	0.0962		

RESULTS

Parameters	Protocol	Unit	Result	Standard
Volatile organic	MSVAL/SOP/SE/003	0/-	% BDL Sha	Shall not be
compounds	M3VAL/30P/3E/003	90	DUL	more than 0.01

INFERENCE

As per KSPCB Standards

Report Status: - The analyzed value for above measured parameter is within the limits.

Analysed b



Authorized Signatory Hanumanthaiah P **Technical Manager**

MSVAL/SE/RF/01/00

Note: 1. The results listed only to the tested samples & applicable parameters.

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ANALYSIS REPORT FOR SOURCE EMMISSION



MSVAL/SE/RF/01/00

M/s. Shilpa Pharma Life Sciences Limited unit-2, Name and Address of the Industry • 1. Plot No. 33, 33A, 40-47, Raichur Industrial Growth Center, Chicksugur village, Raichur. Scrubber-Production Block-H (Intermediate Area) 2 Stack ID . Sample Collected By MSV Analytical Laboratories, Bellary 3. ł 13.06.2024 4. Date of Monitoring 2 Date of Sample Receipt 14.06.2024 5. 4 6. Sample Code 1 20413 15.06.2024 Analysis Starting Date 7. : Analysis Completion Date 19.06.2024 : 8. 9. **Report Issue date** 20.06.2024 :

Discipline: Chemical Group: Atmospheric Pollution Sub Group: Stack Emission ULR No: TC407124000013467F

GENERAL DETAILS

Instrument Used for Sampling	Sample collected with VSS _1			
Ambient Temperature (°C)	33			
Stack Temperature (°C)	42			
Velocity (m/s)	5.3			
Height (m)	3 mtr AGL			
Diameter (m)	0.28			
Cross sectional area (m ²)	0.06160			

RESULTS

Parameters	Protocol	Unit	Result	Standard
Rate of discharge	IS-11255(Part-3) - 2018	m³/hr	1175.328	••••
Particulate Matter	IS-11255(Part-1) - 2019	mg/Nm ³	40.6	222
Sulphur dioxide	IS-11255(Part-2) - 2019	mg/Nm ³	BDL	
Nitrogen dioxide	IS-11255(Part-7) - 2017	mg/Nm ³	BDL	1222
Acid mist(HCl Mist)	MSVAL/SOP/SE/002:2022	mg/Nm ³	13.6	35

INFERENCE

As per KSPCB Standards Report Status: - The analyzed value for above measured parameter is within the limits.

Analysed b

Authorized Signatory Hanumanthaiah P **Technical Manager**



- Note: 1. The results listed only to the tested samples & applicable parameters.
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MSV

MSV Analytical Laboratories

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MSVAL/SE/RF/01/00

ANALYSIS REPORT FOR SOURCE EMMISSION

1.	Name and Address of the Industry	:	M/s. Shilpa Pharma Life Sciences Limited unit-2, Plot No. 33, 33A, 40-47, Raichur Industrial Growth Center, Chicksugur village, Raichur.
2.	Stack ID	1	Scrubber-Production Block-H (Intermediate Area)
3.	Sample Collected By	- 13	MSV Analytical Laboratories, Bellary
4.	Date of Monitoring	12	13.06.2024
5.	Date of Sample Receipt	3	14.06.2024
6.	Sample Code		5397
7.	Analysis Starting Date	020	15.06.2024
8.	Analysis Completion Date	÷.	19.06.2024
9.	Report Issue date	5	20.06.2024

Discipline: Chemical Group: Atmospheric Pollution Sub Group: Stack Emission ULR No: MSVAL/2024/3280

GENERAL DETAILS

Instrument Used for Sampling	Sample collected with VSS _ 33		
Ambient Temperature (°C)			
Stack Temperature (°C)	42		
Velocity (m/s)	5.3		
Height (m)	3 mtr AGL		
Diameter (m)	0.28		
Cross sectional area (m ²)	0.06160		

RESULTS

Parameters	Protocol	Unit	Result	Standard
Volatile organic		BDL	Shall not be more	
compounds	MSVAL/SOP/SE/003	%		than 0.01

INFERENCE

As per KSPCB Standards Report Status: - The analyzed value for above measured parameter is within the limits.

Analysed by

Authorized Signatory Hanumanthaiah P Technical Manager



Note: 1 The results listed only to the tested samples & applicable parameters.

2. Water, Pollution & Environment & Food samples will be discarded after 10 days. Ores and minerals Filter papers & Thimbles will be discarded in 3 months from the date of issue of test reports, unless otherwise specified. ILC samples will be discarded after 1 month from the date of test reports.

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4 Total liability of our laboratory is limited to the invoice amount. Any dispute arising out of this report is subject to Bellary jurisdiction only.

5. Sampling is not done by us unless otherwise specified



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MSVAL/SE/RF/01/00

ANALYSIS REPORT FOR SOURCE EMMISSION

M/s. Shilpa Pharma Life Sciences Limited unit-2, Name and Address of the Industry 1. Plot No. 33, 33A, 40-47, Raichur Industrial Growth Center, Chicksugur village, Raichur. Scrubber-Production Block-I (Intermediate Area) 2. Stack ID ÷ Sample Collected By 3. MSV Analytical Laboratories, Bellary 1 Date of Monitoring 13.06.2024 4. 3 5. Date of Sample Receipt • 14.06.2024 Sample Code 6. : 20414 7. Analysis Starting Date 15.06.2024 2 8. Analysis Completion Date 19.06.2024 4 Report Issue date 9. 20.06.2024

Discipline: Chemical Group: Atmospheric Pollution Sub Group: Stack Emission ULR No: TC407124000013468F

GENERAL DETAILS					
Instrument Used for Sampling Sample collected with VSS					
Ambient Temperature (°C)	33				
Stack Temperature (°C)	42				
Velocity (m/s)	4.6				
Height (m)	3 mtr AGL				
Diameter (m)	0.34				
Cross sectional area (m ²)	0.0908				

RESULTS

Parameters	Protocol	Unit	Result	Standard	
Rate of discharge	IS-11255(Part-3) – 2018	m³/hr	1503.648		
Particulate Matter	IS-11255(Part-1) - 2019	mg/Nm ³	38.4	125	
Sulphur dioxide	IS-11255(Part-2) - 2019	mg/Nm ³	BDL		
Nitrogen dioxide	IS-11255(Part-7) – 2017	mg/Nm ³	BDL	0.550	
Acid mist(HCl Mist)	MSVAL/SOP/SE/002:2022	mg/Nm ³	7.4	35	

INFERENCE	As per KSPCB Standards
INFERGINCE	Report Status: - The analyzed value for above measured parameter is within the limits.

Analysed by



Authorized Signatory Hanumanthaiah P **Technical Manager**



 Water, Pollution & Environment & Food samples will discard after 10 days. Ores and minerals, Filter papers & Thimbles will discard 3 months from the date of issue of test certificate unless otherwise specified. ILC samples will be discard after 1 month from the date of test certificate issue.

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ANALYSIS REPORT FOR SOURCE EMMISSION

M/s. Shilpa Pharma Life Sciences Limited unit-2, Name and Address of the Industry : 1. Plot No. 33, 33A, 40-47, Raichur Industrial Growth Center, Chicksugur village, Raichur. Scrubber-Production Block-I (Intermediate Area) Stack ID 2 MSV Analytical Laboratories, Bellary Sample Collected By . 3. 13.06.2024 Date of Monitoring ÷ 4. 14.06.2024 5. Date of Sample Receipt : 5398 6. Sample Code : 15.06.2024 Analysis Starting Date ÷ 7. 19.06.2024 8. **Analysis Completion Date** : 20.06.2024 **Report Issue date** 2 9.

Group: Atmospheric Pollution Sub Group: Stack Emission ULR No: MSVAL/2024/3281 Discipline: Chemical

GENERAL DETAILS

Instrument Used for Sampling	Sample collected with VSS_1			
Ambient Temperature (°C)	33			
Stack Temperature (°C)	42			
Velocity (m/s)	4.6 3 mtr AGL			
Height (m)				
Diameter (m)	0.34			
Cross sectional area (m ²)	0.0908			

RESULTS

Parameters	Protocol	Unit	Result	Standard
Volatile organic compounds	MSVAL/SOP/SE/003	%	BDL	Shall not be more than 0.01

INFERENCE

As per KSPCB Standards

Report Status: - The analyzed value for above measured parameter is within the limits.

Analysed by

-: END OF

Note: 1. The results listed only to the tested samples & applicable parameters.

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MSVAL/SE/RF/01/00

Authorized Signatory

Hanumanthaiah P **Technical Manager**



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ANALYSIS REPORT FOR SOURCE EMMISSION

1.	Name and Address of the Industry		M/s. Shilpa Pharma Life Sciences Limited unit-2, Plot No. 33, 33A, 40-47, Raichur Industrial Growth Center, Chicksugur village, Raichur.
2.	Stack ID		Scrubber-Production Block-AJ (Intermediate Area)
3.	Sample Collected By	:	MSV Analytical Laboratories, Bellary
4.	Date of Monitoring		13.06.2024
5.	Date of Sample Receipt	:	14.06.2024
6.	Sample Code	:	20415
7.	Analysis Starting Date	:	15.06.2024
8.	Analysis Completion Date		19.06.2024
9.	Report Issue date	1	20.06.2024
9.	Report Issue date	(20.06.2024

Discipline: Chemical Group: Atmospheric Pollution Sub Group: Stack Emission ULR No: TC407124000013469F

GENERAL DETAILS

Instrument Used for Sampling	Sample collected with VSS _1			
Ambient Temperature (°C)	32			
Stack Temperature (°C)	58			
Velocity (m/s)	5.2 3 mtr AGL			
Height (m)				
Diameter (m)	0.35			
Cross sectional area (m ²)	0.0962			

RESULTS

Parameters	Protocol	Unit	Result	Standard
Rate of discharge	IS-11255(Part-3) - 2018	m³/hr	1800.864	
Particulate Matter	IS-11255(Part-1) - 2019	mg/Nm ³	36.4	
Sulphur dioxide	IS-11255(Part-2) - 2019	mg/Nm ³	BDL	
Nitrogen dioxide	IS-11255(Part-7) - 2017	mg/Nm ³	BDL	+++
Acid mist(HCl Mist)	MSVAL/SOP/SE/002:2022	mg/Nm ³	12.4	35

INFERENCE	As per KSPCB Standards
INTERENCE	Report Status: - The analyzed value for above measured parameter is within the limits.

Analysed

Authorized Signatory Hanumanthaiah P **Technical Manager**



Note: 1. The results listed only to the tested samples & applicable parameters. 2. Water, Pollution & Environment & Food samples will discard after 10 days. Ores and minerals, Filter papers & Thimbles will discard 3 months from the date of issue of test certificate unless otherwise specified. ILC samples will be discard after 1 month from the date of test certificate issue.

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ANALYSIS REPORT FOR SOURCE EMMISSION

1.	Name and Address of the Industry	:	M/s. Shilpa Pharma Life Sciences Limited unit-2, Plot No. 33, 33A, 40-47, Raichur Industrial Growth Center, Chicksugur village, Raichur.
2.	Stack ID	:	Scrubber-Production Block-AJ (Intermediate Area)
3.	Sample Collected By	:	MSV Analytical Laboratories, Bellary
4.	Date of Monitoring	:	13.06.2024
5.	Date of Sample Receipt	:	14.06.2024
6.	Sample Code	:	5399
7.	Analysis Starting Date	:	15.06.2024
8.	Analysis Completion Date	:	19.06.2024
9.	Report Issue date	:	20.06.2024
	-		

Discipline: Chemical Group: Atmospheric Pollution Sub Group: Stack Emission ULR No: MSVAL/2024/3282

GENERAL DETAILS

Instrument Used for Sampling	Sample collected with VSS_1		
Ambient Temperature (°C)	32		
Stack Temperature (°C)	58		
Velocity (m/s)	5.2		
Height (m)	3 mtr AGL		
Diameter (m)	0.35		
Cross sectional area (m ²)	0.0962		

RESULTS

Parameters	Protocol	Unit	Result	Standard	
Volatile organic compounds	MSVAL/SOP/SE/003	%	BDL	Shall not be more than 0.01	

INFERENCE

As per KSPCB Standards

Report Status: - The analyzed value for above measured parameter is within the limits.

Analysed by

Authorized Signatory

Hanuman thaiah P **Technical Manager**



Note: 1. The results listed only to the tested samples & applicable parameters.

2. Water, Pollution & Environment & Food samples will be discarded after 10 days. Ores and minerals Filter papers & Thimbles will be discarded in 3 months from the date of issue of test reports, unless otherwise specified. ILC samples will be discarded after 1 month from the date of test reports:

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ANALYSIS REPORT FOR SOURCE EMMISSION

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- 1. Name and Address of the Industry
- 2. Stack ID
- Sample Collected By 3.
- Date of Monitoring 4.
- 5. Date of Sample Receipt
- Sample Code 6.
- 7. **Analysis Starting Date**
- **Analysis Completion Date** 8.
- Report Issue date 9.

20.06.2024

M/s. Shilpa Pharma Life Sciences Limited unit-2,

Chicksugur village, Raichur.

MSV Analytical Laboratories, Bellary

DG - Set 625KVA- I

13.06.2024

14.06.2024

15.06.2024

19.06.2024

20406

Plot No. 33, 33A, 40-47, Raichur Industrial Growth Center,

Discipline: Chemical Gr	roup: Atmospheric Pollution	Sub Group: Stack Emission	ULR No: TC407124000013470F
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GENERAL	DETAILS

Instrument Used for Sampling	Sample collected with VSS _1			
Fuel Used	Diesel			
Ambient Temperature (ºC)	34			
Stack Temperature (°C)	90			
Velocity (m/s)	6.3 6 mtr AGL			
Height (m)				
Diameter (m)	0.5			
Cross sectional area (m ²)	0.1964			

RESULTS

Parameters	Protocol	Unit	Result	Standard	
Particulate Matter	IS-11255(Part-1) - 2019	mg/Nm ³	51.1	150	
Sulphur dioxide	IS-11255(Part-2) - 2019	mg/Nm ³	14.8	100	
Nitrogen dioxide	IS-11255(Part-7) - 2017	mg/Nm ³	18.3	50	

INFERENCE

As per KSPCB Standards

Report Status: - The analyzed value for above measured parameter is within the limits.

Analysed by

Authorized Signatory Hanumanthaiah P **Technical Manager**



- Note : 1. The results listed only to the tested samples & applicable parameters.
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ANALYSIS REPORT FOR SOURCE EMMISSION

1.	Name and Address of the Industry	:	M/s. Shilpa Pharma Life Sciences Limited unit-2, Plot No. 33, 33A, 40-47, Raichur Industrial Growth Center, Chicksugur village, Raichur.
2.	Stack ID	4	DG – Set 625KVA– II
3.	Sample Collected By		MSV Analytical Laboratories, Bellary
4.	Date of Monitoring		13.06.2024
5.	Date of Sample Receipt	:	14.06.2024
6.	Sample Code	10	20403
7.	Analysis Starting Date	3	15.06.2024
8.	Analysis Completion Date	1	19.06.2024
9.	Report Issue date	1	20.06.2024
	-		

Discipline: Chemical Group: Atmospheric Pollution Sub Group: Stack Emission ULR No: TC407124000013471F

GENERAL DETAILS

Instrument Used for Sampling	Sample collected with VSS _1			
Fuel Used	Diesel			
Ambient Temperature (°C)	34			
Stack Temperature (°C)	83			
Velocity (m/s)	6.0			
Height (m)	6 mtr AGL			
Diameter (m)	0.5			
Cross sectional area (m ²)	0.1964			

RESULTS

Parameters	Protocol	Unit	Result	Standard 150 100
Particulate Matter	IS-11255(Part-1) - 2019	mg/Nm ³	50.4	
Sulphur dioxide	IS-11255(Part-2) - 2019	mg/Nm ³	23.6	
Nitrogen dioxide	IS-11255(Part-7) - 2017	mg/Nm ³	24.8	50

	As per KSPCB Standards
INFERENCE	As per tor eb buildur do
INFERENCE	Report Status: - The analyzed value for above measured parameter is within the limits.
	Report outers The analysis and the

Analysed by



Authorized Signatory Hanumanthaiah P **Technical Manager**



- Note: 1. The results listed only to the tested samples & applicable parameters. 2. Water, Pollution & Environment & Food samples will discard after 10 days. Ores and minerals, Filter papers & Thimbles will discard 3 months from the date of issue of test certificate unless otherwise specified. ILC samples will be discard after 1 month from the date of test certificate issue.
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ANALYSIS REPORT FOR SOURCE EMMISSION

1.	Name and Address of the Industry		M/s. Shilpa Pharma Life Sciences Limited unit-2, Plot No. 33, 33A, 40-47, Raichur Industrial Growth Center, Chicksugur village, Raichur.
2.	Stack ID	13	DG – Set 625KVA– III
3.	Sample Collected By	4 3	MSV Analytical Laboratories, Bellary
4.	Date of Monitoring		13.06.2024
5.	Date of Sample Receipt		14.06.2024
6.	Sample Code	2	20404
7.	Analysis Starting Date	:	15.06.2024
8.	Analysis Completion Date	85	19.06.2024
9.	Report Issue date	5	20.06.2024

Group: Atmospheric Pollution Sub Group: Stack Emission ULR No: TC407124000013472F Discipline: Chemical

GENERAL DETAILS

Instrument Used for Sampling	Sample collected with VSS _1 Diesel		
Fuel Used			
Ambient Temperature (°C)	34		
Stack Temperature (°C)	80		
Velocity (m/s)	6.2		
Height (m)	6 mtr AGL		
Diameter (m)	0.5		
Cross sectional area (m ²)	0.1964		

RESULTS

Parameters	Protocol	Unit	Result	Standard 150 100
Particulate Matter	IS-11255(Part-1) - 2019	mg/Nm ³	54.8	
Sulphur dioxide	IS-11255(Part-2) - 2019	mg/Nm ³	17.4	
Nitrogen dioxide	IS-11255(Part-7) - 2017	mg/Nm ³	24.8	50

INFERENCE	As per KSPCB Standards
INFERENCE	Report Status: - The analyzed value for above measured parameter is within the limits.

Analysed by

Authorized Signatory Hanumanthaiah. P **Technical Manager**



Note: 1. The results listed only to the tested samples & applicable parameters.

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ANALYSIS REPORT FOR SOURCE EMMISSION

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- 1. Name and Address of the Industry
- 2. Stack ID
- 3. Sample Collected By
- 4.
- Date of Monitoring
- 5. Date of Sample Receipt
- 6. Sample Code
- 7. Analysis Starting Date
- 8. Analysis Completion Date
- 9. **Report Issue date**

M/s. Shilpa Pharma Life Sciences Limited unit-2, Plot No. 33, 33A, 40-47, Raichur Industrial Growth Center, Chicksugur village, Raichur. DG - Set 750 KVA-IV MSV Analytical Laboratories, Bellary 13.06.2024 14.06.2024 20405 15.06.2024 19.06.2024 20.06.2024

Discipline: Chemical Group: Atmospheric Pollution Sub Group: Stack Emission ULR No: TC407124000013473F

GENERAL DETAILS				
Instrument Used for Sampling Sample collected with VSS_1				
Fuel Used	Diesel			
Ambient Temperature (°C)	34			
Stack Temperature (°C)	90			
Velocity (m/s)	6.3			
Height (m)	6 mtr AGL			
Diameter (m)	0.5			
Cross sectional area (m ²)	0.1964			

RESULTS

Parameters	Protocol	Unit	Result	Standard 150	
Particulate Matter	IS-11255(Part-1) - 2019	mg/Nm ³	57.1		
Sulphur dioxide	IS-11255(Part-2) - 2019	mg/Nm ³	23.8	100	
Nitrogen dioxide	IS-11255(Part-7) - 2017	mg/Nm ³	25.4	50	

INFERENCE	As per KSPCB Standards	-
INT ENENCE	Report Status: - The analyzed value for above measured parameter is within the limits.	

Analysed by

Authorized Signatory Hanumanthajah P **Technical Manager**



Note: 1. The results listed only to the tested samples & applicable parameters.

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MSVAL/SE/RF/01/00

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MSVAL/SE/RF/01/00

ANALYSIS REPORT FOR SOURCE EMMISSION

1.	Name and Address of the Industry	5	M/s. Shilpa Pharma Life Sciences Limited unit-2, Plot No. 33, 33A, 40-47, Raichur Industrial Growth Center, Chicksugur village, Raichur.
2.	Stack ID		Thermic Fluid Heater
3.	Sample Collected By	:	MSV Analytical Laboratories, Bellary
4.	Date of Monitoring	:	13.06.2024
5.	Date of Sample Receipt	:	14.06.2024
6.	Sample Code	:	20406
7.	Analysis Starting Date	:	15.06.2024
8.	Analysis Completion Date	:	19.06.2024
9.	Report Issue date	83 1	20.06.2024

Discipline: Chemical Group: Atmospheric Pollution Sub Group: Stack Emission ULR No: TC407124000013474F

GENERAL	DETA	ILS.
GENERAL	DLIA	11.0

Instrument Used for Sampling	Sample collected with VSS _1		
Ambient Temperature (°C)	34		
Stack Temperature (°C)	90		
Velocity (m/s)	6.3		
Height (m)	3 mtr AGL		
Diameter (m)	0.35		
Cross sectional area (m ²)	0.0962		

RESULTS

Parameters	Protocol	Unit	Result	Standard
Rate of discharge	IS-11255(Part-3) - 2018	m³/hr	2181.816	
Emission Rate of PM	IS-11255(Part-1) - 2019	MT/day	0.00179	***
Particulate Matter	IS-11255(Part-1) - 2019	mg/Nm ³	51.1	150
Sulphur dioxide	IS-11255(Part-2) - 2019	mg/Nm ³	14.8	100
Nitrogen dioxide	IS-11255(Part-7) - 2017	mg/Nm ³	18.3	50

As per KSPCB Standards INFERENCE Report Status: - The analyzed value for above measured parameter is within the limits.

Analysed by

Authorized Signatory Hanumanthaiah P **Technical Manager**



- Note: 1. The results listed only to the tested samples & applicable parameters. 2. Water, Pollution &Environment & Food samples will discard after 10 days. Ores and minerals, Filter papers & Thimbles will discard 3 months from the date of issue of test certificate unless otherwise specified. ILC samples will be discard after 1 month from the date of test certificate issue. 3. This report is not to be reproduced wholly or in part & cannot be used as evidence in the court of law & should not be used in any advertising media without our special

permission in writing.

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- 5. Sampling is not done by us unless otherwise specified



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ANALYSIS REPORT FOR SOURCE EMMISSION

MSVAL/SE/RF/01/00

1.	Name and Address of the Industry	4	M/s. Shilpa Pharma Life Sciences Limited unit-2, Plot No. 33, 33A, 40-47, Raichur Industrial Growth Center, Chicksugur village, Raichur.
2.	Stack ID	3	Boiler – 10TPH & 6TPH
3.	Sample Collected By	3	MSV Analytical Laboratories, Bellary
4.	Date of Monitoring		22.05.2024
5.	Date of Sample Receipt		30.05.2024
6.	Sample Code		17400
7.	Analysis Starting Date	:	30.05.2024
8.	Analysis Completion Date	:	29.05.2024
9.	Report Issue date	71	30.05.2024

Discipline: Chemical Group: Atmospheric Pollution Sub Group: Stack Emission ULR No: TC407124000011640F

GENERAL DETAILS

Instrument Used for Sampling	Sample collected with VSS_1		
Ambient Temperature (°C)	35		
Stack Temperature (°C)	126		
Velocity (m/s)	7.1		
Height (m)	30 mtr AGL		
Diameter (m)	1.12		
Cross sectional area (m ²)	0.9856		

RESULTS

Parameters	Protocol	Unit	Result	Standard	
Rate of discharge	IS-11255(Part-3) - 2018	m ³ /hr	25191.936		
Particulate Matter	IS-11255(Part-1) - 2019	mg/Nm ³	73.7	150	
Sulphur dioxide	IS-11255(Part-2) - 2019	PPM	BDL	100	
Nitrogen dioxide	IS-11255(Part-7) - 2017	PPM	18.8	50	
Acid mist(HCl Mist)	MSVAL/SOP/SE/002:2022	mg/Nm ³	BDL	35	
Carbon Monoxide as CO	IS 13270	PPM	4.28	<150	
Carbon Dioxide as CO2	(Orsat Apparatus USEPA 3A:1989)	%	0.33	<1	

INFERENCE

As per KSPCB Standards Report Status: - The analyzed value for above measured parameter is within the limits.

Analysed

Authorized Signatory Hanumanthaiah P **Technical Manager**



Note: 1. The results listed only to the tested samples & applicable parameters.

- Water, Pollution & Environment & Food samples will discard after 10 days. Ores and minerals, Filter papers & Thimbles will discard 3 months from the date of issue of test certificate unless otherwise specified. ILC samples will be discard after 1 month from the date of test certificate issue.
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MSVAL/SE/RF/01/00

ANALYSIS REPORT FOR SOURCE EMMISSION

1.	Name and Address of the Industry	3	M/s. Shilpa Pharma Life Sciences Limited unit-2, Plot No. 33, 33A, 40-47, Raichur Industrial Growth Center,
2.	Stack ID	1	Chicksugur village, Raichur. Scrubber-Production Block-C (Intermediate Centrifuges Area)
3.	Sample Collected By		MSV Analytical Laboratories, Bellary
4.	Date of Monitoring	:	22.05.2024
5.	Date of Sample Receipt	520	30.05.2024
6.	Sample Code		17401
7.	Analysis Starting Date	•	30.05.2024
8.	Analysis Completion Date	1253	29.05.2024
9.	Report Issue date	:	30.05.2024
	•		

Discipline: Chemical Group: Atmospheric Pollution Sub Group: Stack Emission ULR No: TC407124000011641F

GENERAL DETAILS				
Instrument Used for Sampling	Sample collected with VSS_1			
Ambient Temperature (°C)	36			
Stack Temperature (°C)	42			
Velocity (m/s)	4.1			
Height (m)	3 mtr AGL			
Diameter (m)	0.29			
Cross sectional area (m ²)	0.0660			

RESULTS

Parameters	Protocol	Unit	Result	Standard	
Rate of discharge	IS-11255(Part-3) - 2018	m³/hr	974.16		
Particulate Matter	IS-11255(Part-1) - 2019	mg/Nm ³	35.3		
Sulphur dioxide	IS-11255(Part2) - 2019	PPM	BDL	19 11 - 1	
Nitrogen dioxide	IS-11255(Part7) - 2017	PPM	BDL		
Acid mist(HCl Mist)	MSVAL/SOP/SE/002:2022	mg/Nm ³	7.66	35	

INFERENCE	As per KSPCB Standards
INFERENCE	Report Status: - The analyzed value for above measured parameter is within the limits.

Analysed by

Authorized Signatory Hanumanthaiah P

Technical Manager



Note: 1. The results listed only to the tested samples & applicable parameters.

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 This result is path to be considered and the local and the same date of test certificate issue.
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 Sanganakallu Road, KEB Circle, Bellary - 583103. Contact No : Mob: 9449803895, (0):9945456764, 08392-255169

 E-mail : msvalbellary2018@gmail.com, labmsv@gmail.com

ANALYSIS REPORT FOR SOURCE EMMISSION

Name and Address of the Industry M/s. Shilpa Pharma Life Sciences Limited unit-2, 1. 2 Plot No. 33, 33A, 40-47, Raichur Industrial Growth Center, Chicksugur village, Raichur. 2. Stack ID Scrubber-Production Block-C (Intermediate Centrifuges 1 Area) 3. Sample Collected By MSV Analytical Laboratories, Bellary £ 22.05.2024 Date of Monitoring 4. Date of Sample Receipt 5. 30.05.2024 13 Sample Code 4693 6. 23 7. Analysis Starting Date 30.05.2024 ÷ 8. Analysis Completion Date 29.05.2024 13 9. **Report Issue date** 30.05.2024

Discipline: Chemical Group: Atmospheric Pollution Sub Group: Stack Emission ULR No: MSVAL/2024/2868

GENERAL DETAILS

Instrument Used for Sampling	Sample collected with VSS _1
Ambient Temperature (°C)	36
Stack Temperature (°C)	42
Velocity (m/s)	4.1
Height (m)	3 mtr AGL
Diameter (m)	0.29
Cross sectional area (m ²)	0.0660

Parameters	Protocol	Unit	Result	Standard	
Volatile organic	MSVAL/SOP/SE/003	%	BDL	Shall not be more	
compounds	M3VAL/SUP/SE/003		BUL	than 0.01	

INFERENCE	As per KSPCB Standards
	Report Status: - The analyzed value for above measured parameter is within the limits.

Analysed h

Authorized Signatory Hanumanthaiah P **Technical Manager**

MSVAL/SE/RF/01/00



Note: 1 The results listed only to the tested samples & applicable parameters.

2. Water, Pollution & Environment & Food samples will be discarded after 10 days. Ores and minerals Filter papers & Thimbles will be discarded in 3 months from the date of issue of test reports, unless otherwise specified. ILC samples will be discarded after 1 month from the date of test reports.

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ANALYSIS REPORT FOR SOURCE EMMISSION

M/s. Shilpa Pharma Life Sciences Limited unit-2, 1. Name and Address of the Industry : Plot No. 33, 33A, 40-47, Raichur Industrial Growth Center, Chicksugur village, Raichur. Scrubber-Production Block-C 2. Stack ID 5 (Intermediate Reactors Area) Sample Collected By MSV Analytical Laboratories, Bellary 3. ł 22.05.2024 Date of Monitoring 4. 1 5. Date of Sample Receipt 30.05.2024 1 6. Sample Code 1 17402 **Analysis Starting Date** 30.05.2024 7. 1 8. Analysis Completion Date 29.05.2024 : **Report Issue date** 30.05.2024 9.

Discipline: Chemical Group: Atmospheric Pollution Sub Group: Stack Emission ULR No: TC407124000011642F

GENERAL DETAILS

Instrument Used for Sampling	Sample collected with VSS _	
Ambient Temperature (°C)	34	
Stack Temperature (°C)	48	
Velocity (m/s)	5.1	
Height (m)	3 mtr AGL	
Diameter (m)	0.29	
Cross sectional area (m ²)	0.0660	

Parameters	Protocol	Unit	Result	Standard	
Rate of discharge	IS-11255(Part-3) - 2018	m³/hr	1211.76		
Particulate Matter	IS-11255(Part-1) - 2019	mg/Nm ³	32.2		
Sulphur dioxide	IS-11255(Part-2) - 2019	mg/Nm ³	BDL		
Nitrogen dioxide	IS-11255(Part-7) - 2017	mg/Nm ³	BDL		
Acid mist(HCl Mist)	MSVAL/SOP/SE/002:2022	mg/Nm ³	11.2	35	

DECHI TO

INFERENCE	As per KSPCB Standards	ł
INFERENCE	Report Status: - The analyzed value for above measured parameter is within the limits.	

Analysed

Authorized Signatory Hanumanthaiah P **Technical Manager**



- Note : 1. The results listed only to the tested samples & applicable parameters.
 - 2. Water, Pollution & Environment & Food samples will discard after 10 days. Ores and minerals, Filter papers & Thimbles will discard 3 months from the date of issue of test certificate unless otherwise specified. ILC samples will be discard after 1 month from the date of test certificate issue.

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ANALYSIS REPORT FOR SOURCE EMMISSION

1.	Name and Address of the Industry	₫.	M/s. Shilpa Pharma Life Sciences Limited unit-2, Plot No. 33, 33A, 40-47, Raichur Industrial Growth Center, Chicksugur village, Raichur.
2.	Stack ID		Scrubber-Production Block-C
			(Intermediate Reactors Area)
3.	Sample Collected By	1	MSV Analytical Laboratories, Bellary
4.	Date of Monitoring	1	22.05.2024
5.	Date of Sample Receipt	8	30.05.2024
6.	Sample Code	5	4694
7.	Analysis Starting Date		30.05.2024
8.	Analysis Completion Date		29.05.2024
9.	Report Issue date	8	30.05.2024

Discipline: Chemical Group: Atmospheric Pollution Sub Group: Stack Emission ULR No: MSVAL/2024/2869

GENERAL DETAILS

Instrument Used for Sampling	Sample collected with VSS _1		
Ambient Temperature (°C)	34		
Stack Temperature (°C)	48		
Velocity (m/s)	5.1		
Height (m)	3 mtr AGL		
Diameter (m)	0.29		
Cross sectional area (m ²)	0.0660		

	RESULTS			
Parameters	Protocol	Unit	Result	Standard
Volatile organic compounds	MSVAL/SOP/SE/003	%	BDL	Shall not be more than 0.01



As per KSPCB Standards

Report Status: - The analyzed value for above measured parameter is within the limits.

Analysed

Authorized Signatory Hanumanthaiah P **Technical Manager**



Note: 1. The results listed only to the tested samples & applicable parameters.

- 2. Water, Pollution & Environment & Food samples will be discarded after 10 days. Ores and minerals Filter papers & Thimbles will be discarded in 3 months from the date of issue of test reports, unless otherwise specified. ILC samples will be discarded after 1 month from the date of test reports.
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MSVAL/SE/RF/01/00

ANALYSIS REPORT FOR SOURCE EMMISSION

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-23

1. Name and Address of the Industry	
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- 2. Stack ID Sample Collected By 3. 4. Date of Monitoring **Date of Sample Receipt** 5.
- 6. Sample Code
- 7. Analysis Starting Date
- 8. Analysis Completion Date
- 9.
- **Report Issue date**

Discipline: Chemical Group: Atmospheric Pollution Sub Group: Stack Emission ULR No: TC407124000011643F

Chicksugur village, Raichur.

MSV Analytical Laboratories, Bellary

M/s. Shilpa Pharma Life Sciences Limited unit-2,

Scrubber-Production Block-AI (Intermediate Area)

Plot No. 33, 33A, 40-47, Raichur Industrial Growth Center,

Sample collected with VSS _1				
33				
47				
4.8				
3 mtr AGL				
0.33				
0.0855				

RESULTS

Parameters	Protocol	Unit	Result	Standard
Rate of discharge	IS-11255(Part-3) - 2018	m³/hr	1477.44	्रत्यम्
Particulate Matter	IS-11255(Part-1) - 2019	mg/Nm ³	45.3	1000
Sulphur dioxide	IS-11255(Part-2) - 2019	mg/Nm ³	BDL	
Nitrogen dioxide	IS-11255(Part-7) - 2017	mg/Nm ³	BDL	1555 A
Acid mist(HCl Mist)	MSVAL/SOP/SE/002:2022	mg/Nm ³	7.26	35

INFERENCE	As per KSPCB Standards
INFERENCE	Report Status: - The analyzed value for above measured parameter is within the limits.

Analysed by

Authorized Signatory Hanumanthaiah P **Technical Manager**



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GENERAL DETAILS

22.05.2024

30.05.2024

30.05.2024

29.05.2024

30.05.2024

17403



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 Website : www.msvalbellary.com

MSVAL/SE/RF/01/00

ANALYSIS REPORT FOR SOURCE EMMISSION

1.	Name and Address of the Industry	5	M/s. Shilpa Pharma Life Sciences Limited unit-2, Plot No. 33, 33A, 40-47, Raichur Industrial Growth Center, Chicksugur village, Raichur.
2.	Stack ID	2	Scrubber-Production Block-AI (Intermediate Area)
3.	Sample Collected By	:	MSV Analytical Laboratories, Bellary
4.	Date of Monitoring		22.05.2024
5.	Date of Sample Receipt	:	30.05.2024
6.	Sample Code		4695
7.	Analysis Starting Date	÷.	30.05.2024
8.	Analysis Completion Date	:	29.05.2024
9.	Report Issue date	:	30.05.2024

Discipline: Chemical Group: Atmospheric Pollution Sub Group: Stack Emission ULR No: MSVAL/2024/2870

GENERAL DETAILS

Instrument Used for Sampling	Sample collected with VSS_1		
Ambient Temperature (°C)	33		
Stack Temperature (°C)	47		
Velocity (m/s)	4.8		
Height (m)	3 mtr AGL		
Diameter (m)	0.33		
Cross sectional area (m ²)	0.0855		

RESULTS

Parameters	Protocol	Unit	Result	Standard
Volatile organic compounds	MSVAL/SOP/SE/003	%	BDL	Shall not be more than 0.01

INFERENCE

As per KSPCB Standards

Report Status: - The analyzed value for above measured parameter is within the limits.

Analysed

Authorized Signatory Hanumanthaiah P Technical Manager



Note: 1. The results listed only to the tested samples & applicable parameters.

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Water, Pollution & Environment & Food samples will be discarded after 10 days. Ores and minerals Filter papers & Thimbles will be discarded in 3 months from the date of issue of test reports, unless otherwise specified. ILC samples will be discarded after 1 month from the date of test reports.


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ANALYSIS REPORT FOR SOURCE EMMISSION

M/s. Shilpa Pharma Life Sciences Limited unit-2, Name and Address of the Industry 1. Plot No. 33, 33A, 40-47, Raichur Industrial Growth Center, Chicksugur village, Raichur. Scrubber-Production Block-D (Intermediate) 2. Stack ID . MSV Analytical Laboratories, Bellary Sample Collected By 3. 2 22.05.2024 4. Date of Monitoring .. 30.05.2024 Date of Sample Receipt . 5. 17404 Sample Code 6. : Analysis Starting Date 30.05.2024 7. ٠ Analysis Completion Date 5 29.05.2024 8. 30.05.2024 9 **Report Issue date**

Discipline: Chemical Group: Atmospheric Pollution Sub Group: Stack Emission ULR No: TC407124000011644F

Instrument Used for Sampling	Sample collected with VSS _1			
Ambient Temperature (°C)	36			
Stack Temperature (°C)	48			
Velocity (m/s)	4.6			
Height (m)	3 mtr AGL			
Diameter (m)	0.33			
Cross sectional area (m ²)	0.0855			

GENERAL DETAILS

RESULTS

Parameters	Protocol	Unit	Result	Standard	
Rate of discharge	IS-11255(Part-3) - 2018	m³/hr	1415.88		
Particulate Matter	IS-11255(Part-1) - 2019	mg/Nm ³	32.2		
Sulphur dioxide	IS-11255(Part-2) - 2019	mg/Nm ³	BDL	1 00	
Nitrogen dioxide	IS-11255(Part-7) - 2017	mg/Nm ³	BDL	10.000	
Acid mist(HCl Mist)	MSVAL/SOP/SE/002:2022	mg/Nm ³	7.52	35	

MEEDENCE	As per KSPCB Standards
INFERENCE	Report Status: - The analyzed value for above measured parameter is within the limits.

Analysed

Authorized Signatory Hanumanthaiah P **Technical Manager**



Note: 1. The results listed only to the tested samples & applicable parameters.

The results listed only to the tested samples & applicable parameters.
 Water, Pollution & Environment & Food samples will discard after 10 days. Ores and minerals, Filter papers & Thimbles will discard 3 months from the date of issue of test certificate unless otherwise specified. ILC samples will be discard after 1 month from the date of test certificate issue.
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ANALYSIS REPORT FOR SOURCE EMMISSION

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Name and Address of the Industry 1.

- 2. Stack ID
- 3. Sample Collected By
- 4. Date of Monitoring
- Date of Sample Receipt 5.
- 6. Sample Code
- 7 Analysis Starting Date
- Analysis Completion Date 8.
- 9. **Report Issue date**

M/s. Shilpa Pharma Life Sciences Limited unit-2, Plot No. 33, 33A, 40-47, Raichur Industrial Growth Center, Chicksugur village, Raichur, Scrubber-Production Block-D (Intermediate) MSV Analytical Laboratories, Bellary 22.05.2024 30.05.2024

- 4696 2 30.05.2024 .
- 29.05.2024 13
- Discipline: Chemical Group: Atmospheric Pollution Sub Group: Stack Emission ULR No: MSVAL/2024/2871

GENERAL DETAILS

30.05.2024

Instrument Used for Sampling	Sample collected with VSS _1 36		
Ambient Temperature (°C)			
Stack Temperature (°C)	48		
Velocity (m/s)	4.6		
Height (m)	3 mtr AGL		
Diameter (m)	0.33		
Cross sectional area (m ²)	0.0855		

RESULTS

Parameters	Protocol	Unit	Result	Standard
Volatile organic	MSVAL/SOP/SE/003	0/	וחפ	Shall not be
compounds	M3VAE/301/3E/003	VAL/SOP/SE/003 % BDL	BDL	more than 0.01

INFERENCE

As per KSPCB Standards

Report Status: - The analyzed value for above measured parameter is within the limits.

Analysed by

Authorized Signatory

MSVAL/SE/RF/01/00

Hanumanthaiah P **Technical Manager**



Note: 1. The results listed only to the tested samples & applicable parameters.

2. Water, Pollution & Environment & Food samples will be discarded after 10 days. Ores and minerals Filter papers & Thimbles will be discarded in 3 months from the date of issue of test reports, unless otherwise specified, ILC samples will be discarded after 1 month from the date of test reports.

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MSVAL/SE/RF/01/00

ANALYSIS REPORT FOR SOURCE EMMISSION

1.	Name and Address of the Industry	:	M/s. Shilpa Pharma Life Sciences Limited unit-2, Plot No. 33, 33A, 40-47, Raichur Industrial Growth Center, Chicksugur village, Raichur.
2.	Stack ID		Scrubber-Production Block-D (Pharma Area)
3.	Sample Collected By		MSV Analytical Laboratories, Bellary
4.	Date of Monitoring	:	22.05.2024
5.	Date of Sample Receipt	:	30.05.2024
6.	Sample Code	ŝ	17405
7.	Analysis Starting Date	13	30.05.2024
8.	Analysis Completion Date	:	29.05.2024
9.	Report Issue date	ŧ:	30.05.2024

Discipline: Chemical Group: Atmospheric Pollution Sub Group: Stack Emission ULR No: TC407124000011645F

GENERAL DETAILS

Instrument Used for Sampling	Sample collected with VSS_1 36		
Ambient Temperature (°C)			
Stack Temperature (°C)	43		
Velocity (m/s)	5.2		
Height (m)	3 mtr AGL		
Diameter (m)	0.34		
Cross sectional area (m ²)	0.0908		

RESULTS

Parameters	Protocol	Unit	Result	Standard	
Rate of discharge	IS-11255(Part-3) - 2018	m³/hr	1699.776	2000	
Particulate Matter	IS-11255(Part-1) - 2019	mg/Nm ³	40.1	377	
Sulphur dioxide	IS-11255(Part-2) - 2019	mg/Nm ³	BDL		
Nitrogen dioxide	IS-11255(Part-7) - 2017	mg/Nm ³	BDL	***	
Acid mist(HCl Mist)	MSVAL/SOP/SE/002:2022	mg/Nm ³	14.8	35	

INFERENCE	As per KSPCB Standards
INFERENCE	Report Status: - The analyzed value for above measured parameter is within the limits.

Analysed

Authorized Signatory Hanumanthaiah P **Technical Manager**



Note : 1. The results listed only to the tested samples & applicable parameters.

The results listed only to the tested samples & applicable parameters.
 Water, Pollution & Environment & Food samples will discard after 10 days. Ores and minerals, Filter papers & Thimbles will discard 3 months from the date of issue of test certificate unless otherwise specified. ILC samples will be discard after 1 month from the date of test certificate issue.
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permission in writing. 4. Total liability of our laboratory is limited to the invoice amount. Any dispute arising out of this report is subject to Bellary jurisdiction only.



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 Sanganakallu Road, KEB Circle, Bellary - 583103. Contact No : Mob: 9449803895, (0):9945456764, 08392-255169

 E-mail : msvalbellary2018@gmail.com, labmsv@gmail.com

MSVAL/SE/RF/01/00

ANALYSIS REPORT FOR SOURCE EMMISSION

1.	Name and Address of the Industry	K	M/s. Shilpa Pharma Life Sciences Limited unit-2, Plot No. 33, 33A, 40-47, Raichur Industrial Growth Center, Chicksugur village, Raichur.
2.	Stack ID	:	Scrubber-Production Block-D (Pharma Area)
3.	Sample Collected By	2	MSV Analytical Laboratories, Bellary
4.	Date of Monitoring	:	22.05.2024
5.	Date of Sample Receipt	:	30.05.2024
6.	Sample Code	٠	4697
7.	Analysis Starting Date	:	30.05.2024
8.	Analysis Completion Date	2	29.05.2024
9.	Report Issue date		30.05.2024
	-		

Discipline: Chemical Group: Atmospheric Pollution Sub Group: Stack Emission ULR No: MSVAL/2024/2872

GENERAL DETAILS

Instrument Used for Sampling	Sample collected with VSS _1 36		
Ambient Temperature (°C)			
Stack Temperature (°C)	43		
Velocity (m/s)	5.2		
Height (m)	3 mtr AGL		
Diameter (m)	0.34		
Cross sectional area (m ²)	0.0908		

RESULTS

Parameters	Protocol	Unit	Result	Standard
Volatile organic compounds	MSVAL/SOP/SE/003	%	BDL	Shall not be more than 0.01



As per KSPCB Standards

Report Status: - The analyzed value for above measured parameter is within the limits.

Analysed

Authorized Signatory Hanumanthaiah P **Technical Manager**





Note: 1. The results listed only to the tested samples & applicable parameters.

 Water, Pollution & Environment & Food samples will be discarded after 10 days. Ores and minerals Filter papers & Thimbles will be discarded in 3 months from the date of issue of test reports, unless otherwise specified. ILC samples will be discarded after 1 month from the date of test reports.

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ANALYSIS REPORT FOR SOURCE EMMISSION

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- Name and Address of the Industry 1.
- 2. Stack ID
- 3. Sample Collected By Date of Monitoring 4.
- 5. Date of Sample Receipt
- 6. Sample Code
- **Analysis Starting Date** 7.
- 3 8 **Analysis Completion Date** 1 1
- 9. **Report Issue date**

M/s. Shilpa Pharma Life Sciences Limited unit-2, Plot No. 33, 33A, 40-47, Raichur Industrial Growth Center, Chicksugur village, Raichur. Scrubber-Production Block-E (Intermediate Centrifuges Area) MSV Analytical Laboratories, Bellary 22.05.2024 30.05.2024 17406 30.05.2024 29.05.2024 30.05.2024

Discipline: Chemical Group: Atmospheric Pollution Sub Group: Stack Emission ULR No: TC407124000011646F

GENERAL DETAILS

Instrument Used for Sampling	Sample collected with VSS _1
Ambient Temperature (°C)	32
Stack Temperature (°C)	42
Velocity (m/s)	4.3
Height (m)	3 mtr AGL
Diameter (m)	0.35
Cross sectional area (m ²)	0.0962

RESULTS

Parameters	Protocol	Unit	Result	Standard
Rate of discharge	IS-11255(Part-3) - 2018	m³/hr	1489.17	5 000
Particulate Matter	IS-11255(Part-1) - 2019	mg/Nm ³	32.6	
Sulphur dioxide	IS-11255(Part-2) - 2019	mg/Nm ³	BDL	
Nitrogen dioxide	IS-11255(Part-7) - 2017	mg/Nm ³	BDL	
Acid mist(HCl Mist)	MSVAL/SOP/SE/002:2022	mg/Nm ³	11.2	35

INFERENCE	As per KSPCB Standards
	Report Status: - The analyzed value for above measured parameter is within the limits.

Analysed

- END (

Hanumanthaiah P **Technical Manager**

Authorized Signatory



Water, Pollution & Environment & Food samples will discard after 10 days. Ores and minerals, Filter papers & Thimbles will discard 3 months from the date of issue of test certificate unless otherwise specified. ILC samples will be discard after 1 month from the date of test certificate issue.
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- 5. Sampling is not done by us unless otherwise specified

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ANALYSIS REPORT FOR SOURCE EMMISSION

MSVAL/SE/RF/01/00

1.	Name and Address of the Industry	*	M/s. Shilpa Pharma Life Sciences Limited unit-2, Plot No. 33, 33A, 40-47, Raichur Industrial Growth Center, Chicksugur village, Raichur.
2.	Stack ID	:	Scrubber-Production Block-E (Intermediate Centrifuges Area)
3.	Sample Collected By		MSV Analytical Laboratories, Bellary
4.	Date of Monitoring		22.05.2024
5.	Date of Sample Receipt		30.05.2024
6.	Sample Code	1	4698
7.	Analysis Starting Date		30.05.2024
8.	Analysis Completion Date		29.05.2024
9.	Report Issue date	3	30.05.2024

Discipline: Chemical Group: Atmospheric Pollution Sub Group: Stack Emission ULR No: MSVAL/2024/2873

GENERAL DETAILS

Instrument Used for Sampling	Sample collected with VSS _1
Ambient Temperature (°C)	32
Stack Temperature (°C)	42
Velocity (m/s)	4.3
Height (m)	3 mtr AGL
Diameter (m)	0.35
Cross sectional area (m ²)	0.0962

RESULTS

Parameters	Protocol	Unit	Result	Standard	
Volatile organic compounds	MSVAL/SOP/SE/003	%	BDL	Shall not be more than 0.01	

INFERENCE

As per KSPCB Standards

Report Status: - The analyzed value for above measured parameter is within the limits.

Analysed by

Authorized Signatory

Hanumanthaiah P

Technical Manager



Note: 1. The results listed only to the tested samples & applicable parameters.

2. Water, Pollution & Environment & Food samples will be discarded after 10 days. Ores and minerals Filter papers & Thimbles will be discarded in 3 months from the date of issue of test reports, unless otherwise specified. ILC samples will be discarded after 1 month from the date of test reports.

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ANALYSIS REPORT FOR SOURCE EMMISSION

MSVAL/SE/RF/01/00

Name and Address of the Industry 1. M/s. Shilpa Pharma Life Sciences Limited unit-2, Plot No. 33, 33A, 40-47, Raichur Industrial Growth Center, Chicksugur village, Raichur. 2. Stack ID Scrubber-Production Block-H (Intermediate Area) Sample Collected By 3. MSV Analytical Laboratories, Bellary . 4. **Date of Monitoring** 22.05.2024 1 5 Date of Sample Receipt 30.05.2024 Sample Code 6. 17407 2 7. **Analysis Starting Date** 30.05.2024 8. **Analysis Completion Date** 29.05.2024 1 9. **Report Issue date** 30.05.2024

Group: Atmospheric Pollution Sub Group: Stack Emission ULR No: TC407124000011647F Discipline: Chemical

Summer our the			
Sample collected with VSS _1			
36			
48			
4.9			
3 mtr AGL			
0.28			
0.06160			

GENERAL DETAILS

RESULTS

Parameters	Protocol	Unit	Result	Standard
Rate of discharge	IS-11255(Part-3) - 2018	m³/hr	1086.62	in the second
Particulate Matter IS-11255(Part-1) - 20		mg/Nm ³	43.2	
Sulphur dioxide	IS-11255(Part-2) - 2019	mg/Nm ³	BDL	(eee
Nitrogen dioxide IS-11255(Part-7) - 2		mg/Nm ³	BDL	1.000
Acid mist(HCl Mist)	MSVAL/SOP/SE/002:2022	mg/Nm ³	14.7	35

INFERENCE

As per KSPCB Standards

Report Status: - The analyzed value for above measured parameter is within the limits.

Analysed

Authorized Signatory Hanumanthaiah P **Technical Manager**



- Note: 1. The results listed only to the tested samples & applicable parameters.
 - 2. Water, Pollution & Environment & Food samples will discard after 10 days. Ores and minerals, Filter papers & Thimbles will discard 3 months from the date of issue of test certificate unless otherwise specified. ILC samples will be discard after 1 month from the date of test certificate issue.
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 E-mail : msvalbellary2018@gmail.com, labmsv@gmail.com

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ANALYSIS REPORT FOR SOURCE EMMISSION

1.	Name and Address of the Industry	:	M/s. Shilpa Pharma Life Sciences Limited unit-2, Plot No. 33, 33A, 40-47, Raichur Industrial Growth Center, Chicksugur village, Raichur.
2.	Stack ID	1	Scrubber-Production Block-H (Intermediate Area)
3.	Sample Collected By		MSV Analytical Laboratories, Bellary
4.	Date of Monitoring	2	22.05.2024
5.	Date of Sample Receipt		30.05.2024
6.	Sample Code	:	4699
7.	Analysis Starting Date	:	30.05.2024
8.	Analysis Completion Date	-	29.05.2024
9.	Report Issue date		30.05.2024
	-		

Discipline: Chemical Group: Atmospheric Pollution Sub Group: Stack Emission ULR No: MSVAL/2024/2874

GENERAL DETAILS

Instrument Used for Sampling	Sample collected with VSS _36		
Ambient Temperature (°C)			
Stack Temperature (°C)	48		
Velocity (m/s)	4.9		
Height (m)	3 mtr AGL		
Diameter (m)	0.28		
Cross sectional area (m ²)	0.06160		

RESULTS

Parameters	Protocol	Unit	Result	Standard
Volatile organic	MSVAL/SOP/SE/003	%	BDL	Shall not be more
compounds	M3VAL/30F/3E/003	70	BDL	than 0.01

INFERENCE

As per KSPCB Standards Report Status: - The analyzed value for above measured parameter is within the limits.

Analysed by

Authorized Signatory Hanumanthaiah I **Technical Manager**



Note: 1. The results listed only to the tested samples & applicable parameters.

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 - 5. Sampling is not done by us unless otherwise specified.

^{2.} Water, Pollution & Environment & Food samples will be discarded after 10 days. Ores and minerals Filter papers & Thimbles will be discarded in 3 months from the date of issue of test reports, unless otherwise specified. ILC samples will be discarded after 1 month from the date of test reports.



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ANALYSIS REPORT FOR SOURCE EMMISSION

1.	Name and Address of the Industry		M/s. Shilpa Pharma Life Sciences Limited unit-2, Plot No. 33, 33A, 40-47, Raichur Industrial Growth Center, Chicksugur village, Raichur.
2.	Stack ID	3	Scrubber-Production Block-I (Intermediate Area)
3.	Sample Collected By		MSV Analytical Laboratories, Bellary
4.	Date of Monitoring	:	22.05.2024
5.	Date of Sample Receipt	520	30.05.2024
6.	Sample Code	:	17408
7.	Analysis Starting Date		30.05,2024
8.	Analysis Completion Date	020	29.05.2024
9.	Report Issue date	1	30.05.2024

Discipline: Chemical Group: Atmospheric Pollution Sub Group: Stack Emission ULR No: TC407124000011648F

diliting in our rates				
Instrument Used for Sampling	Sample collected with VSS _1			
Ambient Temperature (°C)	33			
Stack Temperature (°C)	52			
Velocity (m/s)	5.1			
Height (m)	3 mtr AGL			
Diameter (m)	0.34			
Cross sectional area (m ²)	0.0908			

GENERAL DETAILS

RESULTS

Parameters	Protocol	Unit	Result	Standard
Rate of discharge	IS-11255(Part-3) - 2018	m³/hr	1667.088	444
Particulate Matter	IS-11255(Part-1) - 2019	mg/Nm ³	38.3	2440
Sulphur dioxide	IS-11255(Part-2) - 2019	mg/Nm ³	BDL	
Nitrogen dioxide	IS-11255(Part-7) - 2017	mg/Nm ³	BDL	
Acid mist(HCl Mist)	MSVAL/SOP/SE/002:2022	mg/Nm ³	12.6	35

As per KSPCB Standards **INFERENCE** Report Status: - The analyzed value for above measured parameter is within the limits.

Analysed

Authorized Signatory Hanumanthaiah P **Technical Manager**



Note: 1. The results listed only to the tested samples & applicable parameters.

2. Water, Pollution & Environment & Food samples will discard after 10 days. Ores and minerals, Filter papers & Thimbles will discard 3 months from the date of issue of test certificate unless otherwise specified. ILC samples will be discard after 1 month from the date of test certificate issue.

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ANALYSIS REPORT FOR SOURCE EMMISSION

1.	Name and Address of the Industry	÷	M/s. Shilpa Pharma Life Sciences Limited unit-2, Plot No. 33, 33A, 40-47, Raichur Industrial Growth Center, Chicksugur village, Raichur.
2.	Stack ID	2	Scrubber-Production Block-I (Intermediate Area)
3.	Sample Collected By	4	MSV Analytical Laboratories, Bellary
4.	Date of Monitoring	:	22.05.2024
5.	Date of Sample Receipt	1	30.05.2024
6.	Sample Code	1	4700
7.	Analysis Starting Date		30.05.2024
8.	Analysis Completion Date	3	29.05.2024
9.	Report Issue date		30.05.2024

Discipline: Chemical Group: Atmospheric Pollution Sub Group: Stack Emission ULR No: MSVAL/2024/2875

GENERAL DETAILS

Instrument Used for Sampling	Sample collected with VSS _1		
Ambient Temperature (°C)	33		
Stack Temperature (°C)	52		
Velocity (m/s)	5.1		
Height (m)	3 mtr AGL		
Diameter (m)	0.34		
Cross sectional area (m ²)	0.0908		

RESULTS

Parameters	Protocol	Unit	Result	Standard	
Volatile organic compounds	MSVAL/SOP/SE/003	%	BDL	Shall not be more than 0.01	



As per KSPCB Standards Report Status: - The analyzed value for above measured parameter is within the limits.

Analysed

Authorized Signatory

Hannmanthaiah P **Technical Manager**



Note: 1 The results listed only to the tested samples & applicable parameters.

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ANALYSIS REPORT FOR SOURCE EMMISSION

1.	Name and Address of the Industry	ă	M/s. Shilpa Pharma Life Sciences Limited unit-2, Plot No. 33, 33A, 40-47, Raichur Industrial Growth Center, Chicksugur village, Raichur.
2.	Stack ID	24	Scrubber-Production Block-AJ (Intermediate Area)
3.	Sample Collected By	1	MSV Analytical Laboratories, Bellary
4.	Date of Monitoring	3	22.05.2024
5.	Date of Sample Receipt	3	30.05.2024
6.	Sample Code	3	17409
7.	Analysis Starting Date	(3 1	30.05.2024
8.	Analysis Completion Date	:	29.05.2024
9.	Report Issue date	:	30.05.2024

Discipline: Chemical Group: Atmospheric Pollution Sub Group: Stack Emission ULR No: TC407124000011649F

Instrument Used for Sampling	Sample collected with VSS _1		
Ambient Temperature (°C)	32		
Stack Temperature (°C)	58		
Velocity (m/s)	5.2		
Height (m)	3 mtr AGL		
Diameter (m)	0.35		
Cross sectional area (m ²)	0.0962		

GENERAL DETAILS

RESULTS

Parameters	Protocol	Unit	Result	Standard
Rate of discharge	IS-11255(Part-3) - 2018	m³/hr	1800.864	
Particulate Matter	IS-11255(Part-1) - 2019	mg/Nm ³	38.6	
Sulphur dioxide	IS-11255(Part-2) - 2019	mg/Nm ³	BDL	100
Nitrogen dioxide	IS-11255(Part-7) - 2017	mg/Nm ³	BDL	8 -7 3)
Acid mist(HCl Mist)	MSVAL/SOP/SE/002:2022	mg/Nm ³	14.6	35

INFERENCE	As per KSPCB Standards
INFERENCE	Report Status: - The analyzed value for above measured parameter is within the limits.

Analysed

Authorized Signatory Hanumanthaiah P **Technical Manager**



- Note: 1. The results listed only to the tested samples & applicable parameters. 2. Water, Pollution & Environment & Food samples will discard after 10 days. Ores and minerals, Filter papers & Thimbles will discard 3 months from the date of issue of test certificate unless otherwise specified. ILC samples will be discard after 1 month from the date of test certificate issue.
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 - 5. Sampling is not done by us unless otherwise specified



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MSVAL/SE/RF/01/00

ANALYSIS REPORT FOR SOURCE EMMISSION

1.	Name and Address of the Industry	8	M/s. Shilpa Pharma Life Sciences Limited unit-2, Plot No. 33, 33A, 40-47, Raichur Industrial Growth Center, Chicksugur village, Raichur.
2.	Stack ID		Scrubber-Production Block-AJ (Intermediate Area)
3.	Sample Collected By	:	MSV Analytical Laboratories, Bellary
4.	Date of Monitoring	:	22.05.2024
5.	Date of Sample Receipt	3	30.05.2024
6.	Sample Code		4701
7.	Analysis Starting Date		30.05.2024
8.	Analysis Completion Date	1	29.05.2024
9.	Report Issue date		30.05.2024

Discipline: Chemical Group: Atmospheric Pollution Sub Group: Stack Emission ULR No: MSVAL/2024/2876

GENERAL DETAILS

Instrument Used for Sampling	Sample collected with VSS _1			
Ambient Temperature (°C)	32			
Stack Temperature (°C)	58			
Velocity (m/s)	5.2			
Height (m)	3 mtr AGL 0.35 0.0962			
Diameter (m)				
Cross sectional area (m ²)				

RESULTS

Parameters	Protocol	Unit	Result	Standard		
Volatile organic	MSVAL/SOP/SE/003	0/	ok PDI Shal		% BDL S	Shall not be
compounds	MSVAL/SOP/SE/005	70	DDL	more than 0.01		

INFERENCE

As per KSPCB Standards

Report Status: - The analyzed value for above measured parameter is within the limits.

Analysed by

Authorized Signatory Hanumanthaiah P **Technical Manager**



Note: 1. The results listed only to the tested samples & applicable parameters.

2. Water, Pollution & Environment & Food samples will be discarded after 10 days. Ores and minerals Filter papers & Thimbles will be discarded in 3 months from the date of issue of test reports, unless otherwise specified. ILC samples will be discarded after 1 month from the date of test reports.

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MSVAL/SE/RF/01/00

ANALYSIS REPORT FOR SOURCE EMMISSION

Name and Address of the Industry 1.

- 2. Stack ID Sample Collected By 3.
- Date of Monitoring 4.
- 5. Date of Sample Receipt
- 6. Sample Code
- 7.
- Analysis Starting Date
- **Analysis Completion Date** 8.
- 9 **Report Issue date**

Plot No. 33, 33A, 40-47, Raichur Industrial Growth Center, Chicksugur village, Raichur. ŝ DG - Set 625KVA-1 MSV Analytical Laboratories, Bellary 1 22.05.2024 1

M/s. Shilpa Pharma Life Sciences Limited unit-2,

- 30.05.2024 1
- . 17410 30.05.2024 12
 - 29.05.2024 :
- 30.05.2024 .

Discipline: Chemical Group: Atmospheric Pollution Sub Group: Stack Emission ULR No: TC407124000011650F

Instrument Used for Sampling	Sample collected with VSS _1		
Fuel Used	Diesel		
Ambient Temperature (°C)	34		
Stack Temperature (ºC)	96		
Velocity (m/s)	6.3		
Height (m)	6 mtr AGL		
Diameter (m)	0.5		
Cross sectional area (m ²)	0.1964		

CENERAL DETAILS

RESULTS

Parameters	Protocol	Unit	Result	Standard
Particulate Matter	IS-11255(Part-1) - 2019	mg/Nm ³	53.6	150
Sulphur dioxide	IS-11255(Part-2) - 2019	mg/Nm ³	22.4	100
Nitrogen dioxide	IS-11255(Part-7) - 2017	mg/Nm ³	28.6	50

INFERENCE	As per KSPCB Standards
INFERENCE	Report Status: - The analyzed value for above measured parameter is within the limits.

Analysed

Authorized Signatory Hanumanthaiah P **Technical Manager**



Note : 1. The results listed only to the tested samples & applicable parameters.

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- 5. Sampling is not done by us unless otherwise specified



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MSVAL/SE/RF/01/00

ANALYSIS REPORT FOR SOURCE EMMISSION

1.	Name and Address of the Industry		M/s. Shilpa Pharma Life Sciences Limited unit-2, Plot No. 33, 33A, 40-47, Raichur Industrial Growth Center, Chicksugur village, Raichur.
2.	Stack ID	100	DG – Set 625KVA– II
3.	Sample Collected By	:	MSV Analytical Laboratories, Bellary
4.	Date of Monitoring		22.05.2024
5.	Date of Sample Receipt	2 0	30.05.2024
6.	Sample Code	3	17411
7.	Analysis Starting Date	\$ 2	30.05.2024
8.	Analysis Completion Date	5	29.05.2024
9.	Report Issue date	1	30.05.2024
	-		

Discipline: Chemical Group: Atmospheric Pollution Sub Group: Stack Emission ULR No: TC407124000011651F

GENERAL DETAILS

Instrument Used for Sampling	Sample collected with VSS _1
Fuel Used	Diesel
Ambient Temperature (°C)	35
Stack Temperature (°C)	86
Velocity (m/s)	6.7
Height (m)	6 mtr AGL
Diameter (m)	0.5
Cross sectional area (m ²)	0.1964

RESULTS

Parameters	Protocol	Unit	Result	Standard	
Particulate Matter	IS-11255(Part-1) - 2019	mg/Nm ³	57.3	150	
Sulphur dioxide	IS-11255(Part-2) - 2019	mg/Nm ³	26.6	100	
Nitrogen dioxide	IS-11255(Part-7) - 2017	mg/Nm ³	30.2	50	

INFERENCE	As per KSPCB Standards
INFERENCE	Report Status: - The analyzed value for above measured parameter is within the limits.

Analysed

Authorized Signatory Hanumanthaiah P Technical Manager



Note: 1.The results listed only to the tested samples & applicable parameters.

- 2. Water, Pollution & Environment & Food samples will discard after 10 days. Ores and minerals, Filter papers & Thimbles will discard 3 months from the date of issue of test certificate unless otherwise specified. ILC samples will be discard after 1 month from the date of test certificate issue.
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ANALYSIS REPORT FOR SOURCE EMMISSION

1.	Name and Address of the Industry	:	M/s. Shilpa Pharma Life Sciences Limited unit-2, Plot No. 33, 33A, 40-47, Raichur Industrial Growth Center, Chicksugur village, Raichur.
2.	Stack ID	:	DG – Set 625KVA– III
3.	Sample Collected By	:	MSV Analytical Laboratories, Bellary
4.	Date of Monitoring	-	22.05.2024
5.	Date of Sample Receipt	4	30.05.2024
6.	Sample Code		17412
7.	Analysis Starting Date	4	30.05.2024
8.	Analysis Completion Date		29.05.2024
9.	Report Issue date	:	30.05.2024

Discipline: Chemical Group: Atmospheric Pollution Sub Group: Stack Emission ULR No: TC407124000011652F

GENERAL DETAILS

Instrument Used for Sampling	Sample collected with VSS _1
Fuel Used	Diesel
Ambient Temperature (°C)	34
Stack Temperature (°C)	82
Velocity (m/s)	6.1
Height (m)	6 mtr AGL
Diameter (m)	0.5
Cross sectional area (m ²)	0.1964

RESULTS

Parameters	Protocol	Unit	Result	Standard
Particulate Matter	IS-11255(Part-1) - 2019	mg/Nm ³	53.2	150
Sulphur dioxide	IS-11255(Part-2) - 2019	mg/Nm ³	16.6	100
Nitrogen dioxide	IS-11255(Part-7) - 2017	mg/Nm ³	19.7	50

INFERENCE	As per KSPCB Standards
INFERENCE	Report Status: - The analyzed value for above measured parameter is within the limits.

Analysed

Authorized Signatory Hanumanthajah, P Technical Manager



- Note: 1. The results listed only to the tested samples & applicable parameters.
 - 2. Water, Pollution & Environment & Food samples will discard after 10 days. Ores and minerals, Filter papers & Thimbles will discard 3 months from the date of issue of test certificate unless otherwise specified. ILC samples will be discard after 1 month from the date of test certificate issue.
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ANALYSIS REPORT FOR SOURCE EMMISSION

M/s. Shilpa Pharma Life Sciences Limited unit-2, Name and Address of the Industry 1. Plot No. 33, 33A, 40-47, Raichur Industrial Growth Center, Chicksugur village, Raichur. 2. Stack ID : DG - Set 750 KVA-IV MSV Analytical Laboratories, Bellary Sample Collected By 3. ; Date of Monitoring 22.05.2024 4. 1 5. Date of Sample Receipt 30.05.2024 1 6. Sample Code 1 17413 7. Analysis Starting Date 30.05.2024 20 8. **Analysis Completion Date** 29.05.2024 : 30.05.2024 **Report Issue date** 9 ٠

Discipline: Chemical Group: Atmospheric Pollution Sub Group: Stack Emission ULR No: TC407124000011653F

Instrument Used for Sampling	Sample collected with VSS _1
Fuel Used	Diesel
Ambient Temperature (°C)	35
Stack Temperature (°C)	92
Velocity (m/s)	6.1
Height (m)	6 mtr AGL
Diameter (m)	0.5
Cross sectional area (m ²)	0.1964

GENERAL DETAILS

R	ESU	ILT	ГS

Parameters	Protocol	Unit	Result	Standard
Particulate Matter	IS-11255(Part-1) - 2019	mg/Nm ³	58.8	150
Sulphur dioxide	IS-11255(Part-2) - 2019	mg/Nm ³	22.6	100
Nitrogen dioxide	IS-11255(Part-7) - 2017	mg/Nm ³	27.3	50

INFERENCE	As per KSPCB Standards	
INFERENCE	Report Status: - The analyzed value for above measured parameter is within the limits.	

Analysed

Authorized Signatory Handmanthaiah P

Technical Manager

-: END OF

Note: 1.The results listed only to the tested samples & applicable parameters.

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ANALYSIS REPORT FOR SOURCE EMMISSION

M/s. Shilpa Pharma Life Sciences Limited unit-2, 1. Name and Address of the Industry Plot No. 33, 33A, 40-47, Raichur Industrial Growth Center, Chicksugur village, Raichur. **Thermic Fluid Heater** 2. Stack ID Sample Collected By MSV Analytical Laboratories, Bellary 3. : Date of Monitoring 22.05.2024 4. • Date of Sample Receipt 30.05.2024 5. 2 Sample Code 17414 6. . **Analysis Starting Date** 30.05.2024 7. ÷. Analysis Completion Date 8. 2 29.05.2024 9. **Report Issue date** 30.05.2024

Discipline: Chemical Group: Atmospheric Pollution Sub Group: Stack Emission ULR No: TC407124000011654F

GENERAL DETAILS		
Instrument Used for Sampling	Sample collected with VSS_1	
Ambient Temperature (°C)	34	
Stack Temperature (°C)	107	
Velocity (m/s)	5.3	
Height (m)	3 mtr AGL	
Diameter (m)	0.35	
Cross sectional area (m ²)	0.0962	

RESULTS

Parameters	Protocol	Unit	Result	Standard
Rate of discharge	IS-11255(Part-3) - 2018	m³/hr	1835.496	+++++7
Emission Rate of PM	IS-11255(Part-1) - 2019	MT/day	0.00186	
Particulate Matter	IS-11255(Part-1) - 2019	mg/Nm ³	53.2	150
Sulphur dioxide	IS-11255(Part-2) - 2019	mg/Nm ³	15.6	100
Nitrogen dioxide	IS-11255(Part-7) - 2017	mg/Nm ³	21.3	50

INFERENCE

As per KSPCB Standards

Report Status: - The analyzed value for above measured parameter is within the limits.

Analysed b



Authorized Signatory Hanumanthaiah P **Technical Manager**

- Note : 1. The results listed only to the tested samples & applicable parameters.
 - Water, Pollution & Environment & Food samples will discard after 10 days. Ores and minerals, Filter papers & Thimbles will discard 3 months from the date of issue of test certificate unless otherwise specified. ILC samples will be discard after 1 month from the date of test certificate issue.

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ANALYSIS REPORT FOR SOURCE EMMISSION

MSVAL/SE/RF/01/00

1.	Name and Address of the Industry	:	M/s. Shilpa Pharma Life Sciences Limited unit-2, Plot No. 33, 33A, 40-47, Raichur Industrial Growth Center, Chicksugur village, Raichur.
2.	Stack ID	:	Boiler - 10TPH & 6TPH
3.	Sample Collected By	:	MSV Analytical Laboratories, Bellary
4.	Date of Monitoring	2	22.04.2024
5.	Date of Sample Receipt	÷.	23.04.2024
6.	Sample Code		14065
7.	Analysis Starting Date		23.04.2024
8.	Analysis Completion Date	:	27.04.2024
9.	Report Issue date	:	27.04.2024

Discipline: Chemical

Group: Atmospheric Pollution Sub Group: Stack emission ULR No: TC407124000009530F GENERAL DETAILS

Instrument Used for Sampling	Sample collected with VSS_1
Fuel Used	
Ambient Temperature (°C)	34
Stack Temperature (°C)	122
Velocity (m/s)	7.2
Height (m)	30 mtr AGL
Diameter (m)	1.12
Cross sectional area (m ²)	0.9856

RESULTS

Parameters	Protocol	Unit	Result	Standard
Rate of discharge	IS-11255(Part-3) - 2018	m³/hr	25546.75	5.52
Particulate Matter	IS-11255(Part-1) - 2019	mg/Nm ³	75.6	150
Sulphur dioxide	IS-11255(Part2) - 2019	mg/Nm ³	Nil	100
Nitrogen dioxide	IS-11255(Part7) - 2017	mg/Nm ³	32.5	50
Acid mist(HCl Mist)	MSVAL/SOP/SE/002:2022	mg/Nm ³	Nil	35
Carbon Monoxide as CO	IS 13270	PPM	3.5	<150
Carbon Dioxide as CO2	(Orsat Apparatus USEPA 3A:1989)	%	8.6	<12

INFERENCE

As per KSPCB Standards

Report Status: - The analyzed value for above measured parameter is within the limits.

Analysed by



Authorized Signatory B.Chinna Lingana Gouda Chief executive of the laboratory

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MSVAL/SE/RF/01/00

ANALYSIS REPORT FOR SOURCE EMMISSION

M/s. Shilpa Pharma Life Sciences Limited unit-2, 1. Name and Address of the . Industry Plot No. 33, 33A, 40-47, Raichur Industrial Growth Center, Chicksugur village, Raichur. 2. Stack ID Scrubber-Production Block-C (Intermediate Centrifuges Area) Sample Collected By MSV Analytical Laboratories, Bellary 3. 12 4. Date of Monitoring 22.04.2024 5. Date of Sample Receipt 23.04.2024 6. Sample Code 14066 Analysis Starting Date 23.04.2024 7. Analysis Completion Date 27.04.2024 8. . 9. **Report Issue date** 27.04.2024

Discipline: Chemical

Group: Atmospheric Pollution Sub Group: Stack emission ULR No: TC407124000009531F GENERAL DETAILS

Instrument Used for Sampling	Sample collected with VSS _1
Fuel Used	
Ambient Temperature (°C)	33
Stack Temperature (ºC)	38
Velocity (m/s)	4.6
Height (m)	3 mtr AGL
Diameter (m)	0.29
Cross sectional area (m ²)	0.0660

RESULTS

Parameters	Protocol	Unit	Result	Standard
Rate of discharge	IS-11255(Part-3) - 2018	m³/hr	1092.96	
Particulate Matter	IS-11255(Part-1) - 2019	mg/Nm ³	38.1	
Sulphur dioxide	IS-11255(Part2) - 2019	mg/Nm ³	Nil	***
Nitrogen dioxide	IS-11255(Part7) - 2017	mg/Nm ³	Nil	89 <u>9</u>
Acid mist(HCl Mist)	MSVAL/SOP/SE/002:2022	mg/Nm ³	7.8	35

INFERENCE	As per KSPCB Standards
INFERENCE	Report Status: - The analyzed value for above measured parameter is within the limits.

Analysed by



Authorized Signatory B.Chinna Lingana Gouda Chief executive of the laboratory

Note: 1. The results listed only to the tested samples & applicable parameters.

2. Water, Pollution & Environment & Food samples will be discarded after 10 days. Ores and minerals Filter papers & Thimbles will be discarded in 3 months from the date of test reports, unless otherwise specified. ILC samples will be discarded after 1 month from the date of test reports.

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ANALYSIS REPORT FOR SOURCE EMMISSION

MSVAL/SE/RF/01/00

Name and Address of the M/s. Shilpa Pharma Life Sciences Limited unit-2, 1. ÷ Industry Plot No. 33, 33A, 40-47, Raichur Industrial Growth Center, Chicksugur village, Raichur. 2. Stack ID Scrubber-Production Block-C (Intermediate Centrifuges Area) 3. Sample Collected By MSV Analytical Laboratories, Bellary ÷ 4. Date of Monitoring 22.04.2024 5. **Date of Sample Receipt** 23.04.2024 Sample Code 6. 3610 Analysis Starting Date 23.04.2024 7 8. **Analysis Completion Date** 27.04.2024 Report Issue date 27.04.2024 9.

Discipline: Chemical

Group: Atmospheric Pollution

Sub Group: Stack emission ULR No: MSVAL/2024/2295

GENERAL DETAILS

Instrument Used for Sampling	Sample collected with VSS_1
Fuel Used	
Ambient Temperature (ºC)	33
Stack Temperature (°C)	38
Velocity (m/s)	4.6
Height (m)	3 mtr AGL
Diameter (m)	0.29
Cross sectional area (m ²)	0.0660

RESULTS

Parameters	Protocol	Unit	Result	Standard	
Volatile organic compounds	MSVAL/SOP/SE/003	%	BDL	Shall not be more than 0.01	

INFERENCE

As per KSPCB Standards

Report Status: - The analyzed value for above measured parameter is within the limits.

Analysed by



Authorized Signatory B.Chinna Lingana Gouda Chief executive of the laboratory

Note: 1. The results listed only to the tested samples & applicable parameters, $\ensuremath{\mathsf{--}}$

3. This report is not to be reproduced wholly or in part & cannot be used as evidence in the court of law & should not be used in any advertising media without our special permission in writing. 4 Total liability of our laboratory is limited to the invoice amount. Any dispute arising out of this report is subject to Bellary jurisdiction only.

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ANALYSIS REPORT FOR SOURCE EMMISSION

MSVAL/SE/RF/01/00

1.	Name and Address of the Industry	10	Plot No. 33, 33A, 40-4	ife Sciences Limited unit-2, 7, Raichur Industrial Growth Center,
-	0. t m		Chicksugur village, Ra	
2.	Stack ID		Scrubber-Production	Block-C (Intermediate Reactors Area)
3.	Sample Collected By	:	MSV Analytical Laborat	tories, Bellary
4.	Date of Monitoring	:	22.04.2024	
5.	Date of Sample Receipt	:	23.04.2024	
6.	Sample Code	2	14067	
7.	Analysis Starting Date	:	23.04.2024	
8.	Analysis Completion Dat	e :	27.04.2024	
9.	Report Issue date	2	27.04.2024	
Disc	ipline: Chemical	Group: Atm	ospheric Pollution	Sub Group: Stack emission

ULR No: TC407124000009532F

GENERAL DETAILS

Sample collected with VSS	

33	
40	
4.8	
3 mtr AGL	
0.29	
0.0660	

	RESULTS			
Parameters	Protocol	Unit	Result	Standard
Rate of discharge	IS-11255(Part-3) - 2018	m³/hr	1140.48	
Particulate Matter	IS-11255(Part-1) - 2019	mg/Nm ³	46.5	
Sulphur dioxide	IS-11255(Part-2) - 2019	mg/Nm ³	Nil	23775
Nitrogen dioxide	IS-11255(Part-7) - 2017	mg/Nm ³	Nil	(17773)
Acid mist(HCl Mist)	MSVAL/SOP/SE/002:2022	mg/Nm ³	13.1	35

INFERENCE	As per KSPCB Standards
	Report Status: - The analyzed value for above measured parameter is within the limits.

Analysed by



uthorized Signatory 1 B.Chinna Lingana Gouda Chief executive of the laboratory

Note 1. The results listed only to the tested samples & applicable parameters.

2. Water, Pollution & Environment & Food samples will be discarded after 10 days. Ores and minerals Filter papers & Thimbles will be discarded in 3 months from the date of test reports, unless otherwise specified. ILC samples will be discarded after 1 month from the date of test reports.

3. This report is not to be reproduced wholly or in part & cannot be used as evidence in the court of law & should not be used in any advertising media without our special permission in writing. 4. Total liability of our laboratory is limited to the invoice amount. Any dispute arising out of this report is subject to Bellary jurisdiction only.



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ANALYSIS REPORT FOR SOURCE EMMISSION

Name and Address of the 1. M/s. Shilpa Pharma Life Sciences Limited unit-2, 4 Industry Plot No. 33, 33A, 40-47, Raichur Industrial Growth Center, Chicksugur village, Raichur. Scrubber-Production Block-C (Intermediate Reactors Area) 2. Stack ID . Sample Collected By 3. MSV Analytical Laboratories, Bellary . Date of Monitoring 22.04.2024 4. Date of Sample Receipt 23.04.2024 5. Sample Code 6. 3611 7. Analysis Starting Date 23.04.2024 8. **Analysis Completion Date** 27.04.2024 9. Report Issue date . 27.04.2024 Discipline: Chemical Group: Atmospheric Pollution Sub Group: Stack emission

ULR No: MSVAL/2024/2296

UENERAL DETAILS			
Instrument Used for Sampling	Sample collected with VSS_1		
Fuel Used			
Ambient Temperature (°C)	33		
Stack Temperature (°C)	40		
Velocity (m/s)	4.8		
Height (m)	3 mtr AGL		
Diameter (m)	0.29		
Cross sectional area (m ²)	0.0660		

CENERAL DETAILS

RESULTS

	RESULIS				
Parameters	Protocol	Unit	Result	Standard	
Volatile organic compounds	MSVAL/SOP/SE/003	%	BDL	Shall not be	
volutile organic compounds	M3VRE/301/3E/003	20	DDC	more than 0.01	

INFERENCE

As per KSPCB Standards

Report Status: - The analyzed value for above measured parameter is within the limits.

Analysed by



Authorized Signatory B.Chinna Lingana Gouda Chief executive of the laboratory

MSVAL/SE/RF/01/00

Note: 1. The results listed only to the tested samples & applicable parameters.

2. Water, Pollution & Environment & Food samples will be discarded after 10 days. Ores and minerals Filter papers & Thimbles will be discarded in 3 months from the date of issue of test reports, unless otherwise specified. ILC samples will be discarded after 1 month from the date of test reports.

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MSVAL/SE/RF/01/00

ANALYSIS REPORT FOR SOURCE EMMISSION

1.	Name and Address of the	ą.	M/s. Shilpa Pharma Life Sciences Limited unit-2,
	Industry		Plot No. 33, 33A, 40-47, Raichur Industrial Growth Center, Chicksugur village, Raichur.
2.	Stack ID	3	Scrubber-Production Block-AI (Intermediate Area)
3.	Sample Collected By	3	MSV Analytical Laboratories, Bellary
4.	Date of Monitoring		22.04.2024
5.	Date of Sample Receipt		23.04.2024
6.	Sample Code	3	14068
7.	Analysis Starting Date	: 2	23.04.2024
8,	Analysis Completion Date		27.04.2024
9.	Report Issue date	4	27.04.2024
			- Dellusion Cub Conver Charle series

Discipline: Chemical Group: Atmospheric Pollution
ULR No: TC407124000009533F

Sub Group: Stack emission

GENERAL DETAILS

Instrument Used for Sampling	Sample collected with VSS _1
Fuel Used	
Ambient Temperature (ºC)	33
Stack Temperature (°C)	38
Velocity (m/s)	4.6
Height (m)	3 mtr AGL
Diameter (m)	0.33
Cross sectional area (m ²)	0.0855

RESULTS

Parameters	Protocol	Unit	Result	Standard 	
Rate of discharge	IS-11255(Part-3) - 2018	m³/hr	1415.88		
Particulate Matter	IS-11255(Part-1) - 2019	mg/Nm ³	49.2	***	
Sulphur dioxide IS-11255(Part-2) -		mg/Nm ³	Nil		
Nitrogen dioxide	IS-11255(Part-7) - 2017	mg/Nm ³	Nil	SHE:	
Acid mist(HCl Mist)	MSVAL/SOP/SE/002:2022	mg/Nm ³	9.5	35	

INFERENCE	As per KSPCB Standards	l
INFERENCE	Report Status: - The analyzed value for above measured parameter is within the limits.	

Analysed by

1 de



Authorized Signatory B.Chinna Lingana Gouda Chief executive of the laboratory

Note: 10The results listed only to the tested samples & applicable parameters.

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ANALYSIS REPORT FOR SOURCE EMMISSION

1.	Name and Address of 1 Industry	the :	M/s. Shilpa Pharma Life Sciences Limited unit-2, Plot No. 33, 33A, 40-47, Raichur Industrial Growth Center, Chicksugur village, Raichur.
2.	Stack ID	3	Scrubber-Production Block-AI (Intermediate Area)
3.	Sample Collected By		MSV Analytical Laboratories, Bellary
4.	Date of Monitoring	3	22.04.2024
5.	Date of Sample Receip	t :	23.04.2024
6.	Sample Code	S 2 G	3612
7.	Analysis Starting Date		23.04.2024
8.	Analysis Completion E	Date :	27.04.2024
9.	Report Issue date		27.04.2024
Discipline: (Chemical Grou	p: Atmospheri	c Pollution Sub Group: Stack emission

ULR No: MSVAL/2024/2297

GENERAL DETAILS

Instrument Used for Sampling	Sample collected with VSS _1
Fuel Used	
Ambient Temperature (°C)	33
Stack Temperature (°C)	38
Velocity (m/s)	4.6
Height (m)	3 mtr AGL
Diameter (m)	0.33
Cross sectional area (m ²)	0.0855

RESULTS

Parameters	Protocol	Unit	Result	Standard
Volatile organic compounds	MSVAL/SOP/SE/003	%	BDL	Shall not be
totalie of game compounds	MSYND/301/30/005	70	DDL	more than 0.01

INFERENCE

As per KSPCB Standards

Report Status: - The analyzed value for above measured parameter is within the limits.

Analysed by



Authorized Signatory B.Chinna Lingana Gouda Chief executive of the laboratory

MSVAL/SE/RF/01/00

Note: 1. The results listed only to the tested samples & applicable parameters.

2. Water, Pollution & Environment & Food samples will be discarded after 10 days. Ores and minerals Filter papers & Thimbles will be discarded in 3 months from the date of issue of test reports, unless otherwise specified. ILC samples will be discarded after 1 month from the date of test reports.

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MSVAL/SE/RF/01/00

1.	Name and Address of the Industry	1	M/s. Shilpa Pharma Life Sciences Limited unit-2, Plot No. 33, 33A, 40-47, Raichur Industrial Growth Center, Chicksugur village, Raichur.
2.	Stack ID -		Scrubber-Production Block-D (Intermediate)
3.	Sample Collected By		MSV Analytical Laboratories, Bellary
4.	Date of Monitoring	*	22.04.2024
5.	Date of Sample Receipt	-	23.04.2024
6.	Sample Code	2	14069
7.	Analysis Starting Date	12	23.04.2024
8.	Analysis Completion Date	34	27.04.2024
9.	Report Issue date		27.04.2024

ANALYSIS REPORT FOR SOURCE EMMISSION

Discipline: Chemical Group: Atmospheric Pollution
ULR No: TC407124000009534F

Sub Group: Stack emission

GENERAL DETAILS

Instrument Used for Sampling	Sample collected with VSS_1
Fuel Used	100 S202
Ambient Temperature (°C)	33
Stack Temperature (°C)	40
Velocity (m/s)	5.6
Height (m)	3 mtr AGL
Diameter (m)	0.33
Cross sectional area (m ²)	0.0855

RESULTS

Parameters	Protocol	Unit	Result	Standard
Rate of discharge	IS-11255(Part-3) - 2018	m³/hr	1723.68	***
Particulate Matter	IS-11255(Part-1) - 2019	mg/Nm ³	39.4	
Sulphur dioxide	IS-11255(Part-2) - 2019	mg/Nm ³	Nil	***
Nitrogen dioxide	IS-11255(Part-7) - 2017	mg/Nm ³	Nil	
Acid mist(HCl Mist)	MSVAL/SOP/SE/002:2022	mg/Nm ³	9.6	35

INFERENCE

As per KSPCB Standards

Report Status: - The analyzed value for above measured parameter is within the limits.

Analysed by



Authorized Signatory - Clik B.Chinna Lingana Gouda Chief executive of the laboratory

Note: 1. The results listed only to the tested samples & applicable parameters.

2. Water, Pollution & Environment & Food samples will be discarded after 10 days. Ores and minerals Filter papers & Thimbles will be discarded in 3 months from the date of issue of test reports, unless otherwise specified, ILC samples will be discarded after 1 month from the date of test reports.

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ANALYSIS REPORT FOR SOURCE EMMISSION

1. Name and Address of the M/s. Shilpa Pharma Life Sciences Limited unit-2, Industry Plot No. 33, 33A, 40-47, Raichur Industrial Growth Center, Chicksugur village, Raichur. 2, Stack ID Scrubber-Production Block-D (Intermediate) 2 3. Sample Collected By MSV Analytical Laboratories, Bellary Date of Monitoring 4. 22.04.2024 5. Date of Sample Receipt 23.04.2024 Sample Code 6. 3613 Analysis Starting Date 7. 23.04.2024 8. Analysis Completion Date 27.04.2024 9. **Report** Issue date 27.04.2024

Discipline: Chemical

Group: Atmospheric Pollution Sub Group: Stack emission

GENERAL DETAILS

ULR No: MSVAL/2024/2298

dentered ber Arbs				
Sample collected with VSS_1				
33				
40				
5.6				
3 mtr AGL				
0.33				
0.0855				

RESULTS

Parameters	Protocol	Unit	Result	Standard
Volatile organic compounds	MSVAL/SOP/SE/003	%	BDL	Shall not be
volatile of game compounds	M3VAL/30F/3E/003	90	BUL	more than 0.01

INFERENCE

As per KSPCB Standards

Report Status: - The analyzed value for above measured parameter is within the limits.

Analysed by



Authorized Signatory - (1.4 B.Chinna Lingana Gouda Chief executive of the laboratory

MSVAL/SE/RF/01/00

Note: 1. The results listed only to the tested samples & applicable parameters.

 Water, Pollution & Environment & Food samples will be discarded after 10 days. Ores and minerals Filter papers & Thimbles will be discarded in 3 months from the date of issue of test reports, unless otherwise specified. ILC samples will be discarded after 1 month from the date of test reports.

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- 5. Sampling is not done by us unless otherwise specified.



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MSVAL/SE/RF/01/00

ANALYSIS REPORT FOR SOURCE EMMISSION

1.	Name and Address of the Industry	ì	M/s. Shilpa Pharma Life Sciences Limited unit-2, Plot No. 33, 33A, 40-47, Raichur Industrial Growth Center, Chicksugur village, Raichur.
2.	Stack ID	:	Scrubber-Production Block-D (Pharma Area)
3.	Sample Collected By		MSV Analytical Laboratories, Bellary
4.	Date of Monitoring		22.04.2024
5.	Date of Sample Receipt	4	23.04.2024
6.	Sample Code		14070
7.	Analysis Starting Date		23.04.2024
8.	Analysis Completion Date	2	27.04.2024
9.	Report Issue date	8	27.04.2024
line: (Chemical Group: Atmo	ospher	ic Pollution Sub Group: Stack emission

Discipline: Chemical Group: Atmospheric Pollut ULR No: TC407124000009535F

-

GENERAL DETAILS

Instrument Used for Sampling	Sample collected with VSS _1
Fuel Used	
Ambient Temperature (ºC)	33
Stack Temperature (°C)	42
Velocity (m/s)	4.6
Height (m)	3 mtr AGL
Diameter (m)	0.34
Cross sectional area (m ²)	0.0908

RESULTS

Parameters	Protocol	Unit	Result	Standard
Rate of discharge	IS-11255(Part-3) - 2018	m³/hr	1503.648	
Particulate Matter	IS-11255(Part-1) - 2019	mg/Nm ³	45.2	20
Sulphur dioxide	IS-11255(Part-2) - 2019	mg/Nm ³	Nil	222
Nitrogen dioxide	IS-11255(Part-7) - 2017	mg/Nm ³	Nil	1220
Acid mist(HCI Mist)	MSVAL/SOP/SE/002:2022	mg/Nm ³	13.0	35

	As per KSPCB Standards
INFERENCE	Report Status: - The analyzed value for above measured parameter is within the limits.

Analysed by



Authorized Signatory B.Chinna Lingana Gouda Chief executive of the laboratory

Note: 1 The results listed only to the tested samples & applicable parameters.

 Water, Pollution & Environment & Food samples will be discarded after 10 days. Ores and minerals Filter papers & Thimbles will be discarded in 3 months from the date of issue of test reports. unless otherwise specified. ILC samples will be discarded after 1 month from the date of test reports.

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ANALYSIS REPORT FOR SOURCE EMMISSION

1. Name and Address of the : M/s. Shilpa Pharma Life Sciences Limited unit-2, Industry Plot No. 33, 33A, 40-47, Raichur Industrial Growth Center, Chicksugur village, Raichur. 2. Stack ID Scrubber-Production Block-D (Pharma Area) 1 Sample Collected By 3. MSV Analytical Laboratories, Bellary . Date of Monitoring 22.04.2024 4. 5. Date of Sample Receipt 23.04.2024 6. Sample Code 3614 12 Analysis Starting Date 7. 23.04.2024 8. **Analysis Completion Date** 27.04.2024 Report Issue date 9. 27.04.2024 : **Discipline:** Chemical **Group: Atmospheric Pollution** Sub Group: Stack emission

ULR No: MSVAL/2024/2299

GENERAL DETAILS

Instrument Used for Sampling	Sample collected with VSS_1
Fuel Used	
Ambient Temperature (°C)	33
Stack Temperature (°C)	42
Velocity (m/s)	4.6
Height (m)	3 mtr AGL
Diameter (m)	0.34
Cross sectional area (m ²)	0.0908

RESULTS

Parameters	Protocol	Unit	Result	Standard
Volatile organic compounds	MSVAL/SOP/SE/003	%	BDL	Shall not be
	M3VAL/30P/3E/003			more than 0.01

INFERENCE

As per KSPCB Standards Report Status: - The analyzed value for above measured parameter is within the limits.

Analysed by

Hoer



Authorized Signatory Le. h B.Chinna Lingana Gouda Chief executive of the laboratory

MSVAL/SE/RF/01/00

Note: 1. The results listed only to the tested samples & applicable parameters.

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ANALYSIS REPORT FOR SOURCE EMMISSION

MSVAL/SE/RF/01/00

1.	Name and Address of the		M/s. Shilpa Pharma Life Sciences Limited unit-2,
	Industry		Plot No. 33, 33A, 40-47, Raichur Industrial Growth Center,
			Chicksugur village, Raichur.
2.	Stack ID		Scrubber-Production Block-E (Intermediate Centrifuges Area)
3.	Sample Collected By	2	MSV Analytical Laboratories, Bellary
4.	Date of Monitoring	:	22.04.2024
5.	Date of Sample Receipt	2	23.04.2024
6.	Sample Code		14071
7.	Analysis Starting Date		23.04.2024
8.	Analysis Completion Date		27.04.2024
9.	Report Issue date	:	27.04.2024
Discipline: (Chemical Group: Atm	ospher	ic Pollution Sub Group: Stack emission
Discipline: (Chemical Group: Atm	ospher	ic Pollution Sub Group: Stack emission

ULR No: TC407124000009536F

GENERAL DETAILS

Instrument Used for Sampling	Sample collected with VSS _		
Fuel Used	222		
Ambient Temperature (°C)	33		
Stack Temperature (°C)	40		
Velocity (m/s)	4.8		
Height (m)	3 mtr AGL		
Diameter (m)	0.35		
Cross sectional area (m ²)	0.0962		

RESULTS

Parameters	Protocol	Unit	Result	Standard	
Rate of discharge	IS-11255(Part-3) - 2018	m³/hr	1662.336		
Particulate Matter	IS-11255(Part-1) - 2019	mg/Nm ³	40.3		
Sulphur dioxide	IS-11255(Part-2) - 2019	mg/Nm ³	Nil	***	
Nitrogen dioxide	IS-11255(Part-7) - 2017	mg/Nm ³	Nil	897	
Acid mist(HCl Mist)	MSVAL/SOP/SE/002:2022	mg/Nm ³	10.1	35	

INFERENCE	As per KSPCB Standards
INFERENCE	Report Status: - The analyzed value for above measured parameter is within the limits.

Analysed by



Authorized Signatory - 1-B.Chinna Lingana Gouda Chief executive of the laboratory

Note: 1. The results listed only to the tested samples & applicable parameters.

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ANALYSIS REPORT FOR SOURCE EMMISSION

MSVAL/SE/RF/01/00

1. Name and Address of the M/s. Shilpa Pharma Life Sciences Limited unit-2. Industry Plot No. 33, 33A, 40-47, Raichur Industrial Growth Center, Chicksugur village, Raichur. Ζ. Stack ID Scrubber-Production Block-E (Intermediate Centrifuges Area) Sample Collected By 3. MSV Analytical Laboratories, Bellary ÷ Date of Monitoring 4. 22.04.2024 5. Date of Sample Receipt 23.04.2024 6. Sample Code 3615 ż Analysis Starting Date 7. 23.04.2024 8. **Analysis Completion Date** 27.04.2024 9. **Report Issue date** 27.04.2024 2

Discipline: Chemical

Sub Group: Stack emission ULR No: MSVAL/2024/2300

GENERAL DETAILS

Instrument Used for Sampling	Sample collected with VSS_1		
Fuel Used			
Ambient Temperature (°C)	33		
Stack Temperature (°C)	40		
Velocity (m/s)	4.8		
Height (m)	3 mtr AGL		
Diameter (m)	0.35		
Cross sectional area (m ²)	0.0962		

RESULTS

Parameters	Protocol	Unit	Result	Standard
Volatile organic compounds	MSVAL/SOP/SE/003	%	BDL	Shall not be
volatile of game compounds	W3VAL/30F/3E/003	70	BUL	more than 0.01

INFERENCE

As per KSPCB Standards

Group: Atmospheric Pollution

Report Status: - The analyzed value for above measured parameter is within the limits.

Analysed by

Tom



Authorized Signatory B.Chinna Lingana Gouda Chief executive of the laboratory

Note: 1. The results listed only to the tested samples & applicable parameters,

2. Water, Pollution & Environment & Food samples will be discarded after 10 days. Ores and minerals Filter papers & Thimbles will be discarded in 3 months from the date of issue of test reports, unless otherwise specified. ILC samples will be discarded after 1 month from the date of test reports.

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MSVAL/SE/RF/01/00

Authorized Signatory B.Chinna Lingana Gouda Chief executive of the laboratory

ANALYSIS REPORT FOR SOURCE EMMISSION

 $\mathbf{1}_{2}$ Name and Address of the M/s. Shilpa Pharma Life Sciences Limited unit-2, Industry Plot No. 33, 33A, 40-47, Raichur Industrial Growth Center, Chicksugur village, Raichur. Scrubber-Production Block-H (Intermediate Area) 2. Stack ID Sample Collected By MSV Analytical Laboratories, Bellary 3. Date of Monitoring 22.04.2024 4 5. Date of Sample Receipt 23.04.2024 6. Sample Code 14072 Analysis Starting Date 23.04.2024 7. 8. Analysis Completion Date 27.04.2024 9. **Report Issue date** 27.04.2024 i. **Discipline:** Chemical Group: Atmospheric Pollution Sub Group: Stack emission

ULR No: TC407124000009537F

GENERAL DETAILS

Instrument Used for Sampling	Sample collected with VSS _1		
Fuel Used			
Ambient Temperature (°C)	33		
Stack Temperature (°C)	42		
Velocity (m/s)	4.6		
Height (m)	3 mtr AGL		
Diameter (m)	0.28		
Cross sectional area (m ²)	0.06160		

RESULTS

Parameters	Protocol	Unit	Result	Standard
Rate of discharge	IS-11255(Part-3) - 2018	m³/hr	1020.096	***
Particulate Matter	IS-11255(Part-1) - 2019	mg/Nm ³	50.8	352
Sulphur dioxide	IS-11255(Part-2) - 2019	mg/Nm ³	Nil	
Nitrogen dioxide	IS-11255(Part-7) - 2017	mg/Nm ³	Nil	
Acid mist(HCl Mist)	MSVAL/SOP/SE/002:2022	mg/Nm ³	12.6	35

INFERENCE

As per KSPCB Standards Report Status: - The analyzed value for above measured parameter is within the limits.

Analysed by



Note 1. The results listed only to the tested samples & applicable parameters.

2. Water, Pollution & Environment & Food samples will be discarded after 10 days. Ores and minerals Filter papers & Thimbles will be discarded in 3 months from the date of test reports. unless otherwise specified. ILC samples will be discarded after 1 month from the date of test reports.

- 3. This report is not to be reproduced wholly or in part & cannot be used as evidence in the court of law & should not be used in any advertising media without our special permission in writing. 4. Total liability of our laboratory is limited to the invoice amount. Any dispute arising out of this report is subject to Bellary jurisdiction only.
 - 5 Sampling is not done by us unless otherwise specified



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ANALYSIS REPORT FOR SOURCE EMMISSION

1. Name and Address of the M/s. Shilpa Pharma Life Sciences Limited unit-2, ŝ Industry Plot No. 33, 33A, 40-47, Raichur Industrial Growth Center, Chicksugur village, Raichur. 2. Stack ID Scrubber-Production Block-H (Intermediate Area) Sample Collected By 3. MSV Analytical Laboratories, Bellary 4. Date of Monitoring 22.04.2024 5. Date of Sample Receipt 23.04.2024 Sample Code 6. 3616 7. Analysis Starting Date 23.04.2024 Analysis Completion Date 8. 27.04.2024 8 9. **Report** Issue date 27.04.2024 ÷ **Discipline:** Chemical Group: Atmospheric Pollution Sub Group: Stack emission

ULR No: MSVAL/2024/2301

UENERAL DETAILS			
Instrument Used for Sampling	Sample collected with VSS _1		
Fuel Used	211		
Ambient Temperature (°C)	33		
Stack Temperature (°C)	42		
Velocity (m/s)	4.6		
Height (m)	3 mtr AGL		
Diameter (m)	0.28		
Cross sectional area (m²)	0.06160		

GENERAL DETAILS

RESULTS

Protocol	Unit	Result	Standard	
MSVAL/SOP/SE/003	%	BDL	Shall not be more than 0.01	

As per KSPCB Standards

INFERENCE

Report Status: - The analyzed value for above measured parameter is within the limits.

Analysed by



Authorized Signatory B.Chinna Lingana Gouda Chief executive of the laboratory

MSVAL/SE/RF/01/00

Note: 1. The results listed only to the tested samples & applicable parameters.

2. Water, Pollution & Environment & Food samples will be discarded after 10 days. Ores and minerals Filter papers & Thimbles will be discarded in 3 months from the date of issue of test reports, unless otherwise specified. ILC samples will be discarded after 1 month from the date of test reports.

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MSVAL/SE/RF/01/00

ANALYSIS REPORT FOR SOURCE EMMISSION

1.	Name and Address of the	:	M/s. Shilpa Pharma Life Sciences Limited unit-2,
	Industry		Plot No. 33, 33A, 40-47, Raichur Industrial Growth Center, Chicksugur village, Raichur.
2.	Stack ID	-	Scrubber-Production Block-I (Intermediate Area)
3.	Sample Collected By	:	MSV Analytical Laboratories, Bellary
4.	Date of Monitoring	÷	22.04.2024
5.	Date of Sample Receipt		23.04.2024
6.	Sample Code	3	14073
7.	Analysis Starting Date		23.04.2024
8.	Analysis Completion Date	3	27.04.2024
9.	Report Issue date	:	27.04.2024
line: (Chemical Group: Atm	ospheri	ic Pollution Sub Group: Stack emission

Discipline: Chemical Group: Atmospheric Pollution

ULR No: TC407124000009538F

GENERAL DETAILS	GEN	ERAL	DETA	ILS
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Instrument Used for Sampling	Sample collected with VSS _1		
Fuel Used	212		
Ambient Temperature (°C)	33		
Stack Temperature (°C)	40		
Velocity (m/s)	4.8		
Height (m)	3 mtr AGL		
Diameter (m)	0.34		
Cross sectional area (m ²)	0.0908		

RESULTS

Parameters	Protocol	Unit	Result	Standard
Rate of discharge	IS-11255(Part-3) - 2018	m³/hr	1569.024	1012
Particulate Matter	IS-11255(Part-1) - 2019	mg/Nm ³	38.0	
Sulphur dioxide	IS-11255(Part-2) - 2019	mg/Nm ³	Nil	
Nitrogen dioxide	IS-11255(Part-7) - 2017	mg/Nm ³	Nil	555
Acid mist(HCl Mist)	MSVAL/SOP/SE/002:2022	mg/Nm ³	9.6	35

INFEDENCE	As per KSPCB Standards
INFERENCE	Report Status: - The analyzed value for above measured parameter is within the limits.

Analysed by



Authorized Signatory C(.L B.Chinna Lingana Gouda Chief executive of the laboratory

1. The results listed only to the tested samples & applicable parameters. Note

2, Water, Pollution & Environment & Food samples will be discarded after 10 days. Ores and minerals Filter papers & Thimbles will be discarded in 3 months from the date of issue of test reports. unless otherwise specified. ILC samples will be discarded after 1 month from the date of test reports.

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ANALYSIS REPORT FOR SOURCE EMMISSION

1. Name and Address of the ÷ M/s. Shilpa Pharma Life Sciences Limited unit-2, Industry Plot No. 33, 33A, 40-47, Raichur Industrial Growth Center, Chicksugur village, Raichur. 2 Stack ID Scrubber-Production Block-I (Intermediate Area) 3. Sample Collected By 1 MSV Analytical Laboratories, Bellary 4. Date of Monitoring 22.04.2024 : Date of Sample Receipt 5. : 23.04.2024 6. Sample Code 3617 Analysis Starting Date 7. 23.04.2024 : 8. Analysis Completion Date 27.04.2024 : 9. **Report Issue date** 27.04.2024 **Discipline:** Chemical Group: Atmospheric Pollution Sub Group: Stack emission

ULR No: MSVAL/2024/2302

GENERAL DETAILS

Instrument Used for Sampling	Sample collected with VSS_1		
Fuel Used			
Ambient Temperature (°C)	33		
Stack Temperature (ºC)	40		
Velocity (m/s)	4.8		
Height (m)	3 mtr AGL		
Diameter (m)	0.34		
Cross sectional area (m²)	0.0908		

RESULTS

Parameters	Protocol	Unit	Result	Standard
Volatile organic compounds	MSVAL/SOP/SE/003	%	BDL	Shall not be more than 0.01

INFERENCE

As per KSPCB Standards

Report Status: - The analyzed value for above measured parameter is within the limits.

Analysed by



Authorized Signatory B.Chrnna Lingana Gouda Chief executive of the laboratory

MSVAL/SE/RF/01/00

Note: 1. The results listed only to the tested samples & applicable parameters.

2. Water, Pollution & Environment & Food samples will be discarded after 10 days. Ores and minerals Filter papers & Thimbles will be discarded in 3 months from the date of issue of test reports, unless otherwise specified. ILC samples will be discarded after 1 month from the date of test reports.

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ANALYSIS REPORT FOR SOURCE EMMISSION

1.	Name and Address of the Industry	:	M/s. Shilpa Pharma Life Sciences Limited unit-2, Plot No. 33, 33A, 40-47, Raichur Industrial Growth Center
	maustry		Chicksugur village, Raichur.
2.	Stack ID		Scrubber-Production Block-AJ (Intermediate Area)
3.	Sample Collected By		MSV Analytical Laboratories, Bellary
4.	Date of Monitoring	:	22.04.2024
5.	Date of Sample Receipt	:	23.04.2024
6.	Sample Code	:	14074
7.	Analysis Starting Date		23.04.2024
8.	Analysis Completion Date	1	27.04.2024
9.	Report Issue date	1	27.04.2024

Discipline: Chemical Group: Atmospheric Pollution

ULR No: TC407124000009539F

Sub Group: Stack emission

GENERAL DETAILS

Instrument Used for Sampling	Sample collected with VSS _	
Fuel Used		
Ambient Temperature (ºC)	33	
Stack Temperature (ºC)	42	
Velocity (m/s)	4.6	
Height (m)	3 mtr AGL	
Diameter (m)	0.35	
Cross sectional area (m ²)	0.0962	

RESULTS

Parameters	Protocol	Unit	Result	Standard	
Rate of discharge	IS-11255(Part-3) - 2018	m³/hr	1593.072		
Particulate Matter	IS-11255(Part-1) - 2019	mg/Nm ³	44.4	727	
Sulphur dioxide	IS-11255(Part-2) - 2019	mg/Nm ³	Nil		
Nitrogen dioxide	IS-11255(Part-7) - 2017	mg/Nm ³	Nil		
Acid mist(HCl Mist)	MSVAL/SOP/SE/002:2022	mg/Nm ³	13.2	35	

INFERENCE	As per KSPCB Standards
INFERENCE	Report Status: - The analyzed value for above measured parameter is within the limits.

Analysed by



Authorized Signatory 1.6 -1 B.Chinna Lingana Gouda Chief executive of the laboratory

Note: 1 The results listed only to the tested samples & applicable parameters.

2. Water. Pollution & Environment & Food samples will be discarded after 10 days. Ores and minerals Filter papers & Thimbles will be discarded in 3 months from the date of issue of test reports. unless otherwise specified. ILC samples will be discarded after 1 month from the date of test reports.

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 Sanganakallu Road, KEB Circle, Bellary - 583103. Contact No : Mob: 9449803895, (0):9945456764, 08392-255169

 E-mail : msvalbellary2018@gmail.com, labmsv@gmail.com
 Website : www.msvalbellary.com

ANALYSIS REPORT FOR SOURCE EMMISSION

Name and Address of the ą 1. M/s. Shilpa Pharma Life Sciences Limited unit-2. Industry Plot No. 33, 33A, 40-47, Raichur Industrial Growth Center, Chicksugur village, Raichur. 2. Stack ID Scrubber-Production Block-AJ (Intermediate Area) : Sample Collected By 3. MSV Analytical Laboratories, Bellary 1 4. Date of Monitoring 22.04.2024 5. Date of Sample Receipt 23.04.2024 3 6. Sample Code 3618 . Analysis Starting Date 23.04 2024 7 . 8. **Analysis Completion Date** ÷ 27.04.2024 9. **Report Issue date** 27.04.2024 1

Discipline: Chemical

Group: Atmospheric Pollution

ULR No: MSVAL/2024/2303

Sub Group: Stack emission

GENERAL DETAILS

Instrument Úsed for Sampling	Sample collected with VSS_1			
Fuel Used				
Ambient Temperature (ºC)	33			
Stack Temperature (ºC)	42 4.6			
Velocity (m/s)				
Height (m)	3 mtr AGL			
Diameter (m)	0.35			
Cross sectional area (m ²)	0.0962			

RESULTS

Parameters	Protocol	Unit	Result	Standard
Volatile organic compounds	MSVAL/SOP/SE/003	%	BDL	Shall not be
volatile of game compounds	M3VAL/30F/3E/003	70	BUL	more than 0.01

As per KSPCB Standards

Report Status: - The analyzed value for above measured parameter is within the limits.

Analysed by

INFERENCE



Authorized Signatory B.Chinna Lingana Gouda Chief executive of the laboratory

MSVAL/SE/RF/01/00

Note: 1 The results listed only to the tested samples & applicable parameters.

 Water, Pollution & Environment & Food samples will be discarded after 10 days. Ores and minerals Filter papers & Thimbles will be discarded in 3 months from the date of issue of test reports, unless otherwise specified. ILC samples will be discarded after 1 month from the date of test reports.

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MSVAL/SE/RF/01/00

1.	Name and Address of the Industry	Ţ.	M/s. Shilpa Pharma Life Sciences Limited unit-2, Plot No. 33, 33A, 40-47, Raichur Industrial Growth Center, Chicksugur village, Raichur.
2.	Stack ID		DG – Set 625KVA– I
3.	Sample Collected By	2	MSV Analytical Laboratories, Bellary
4.	Date of Monitoring	8	22.04.2024
5.	Date of Sample Receipt		23.04.2024
6.	Sample Code	:	14075
7.	Analysis Starting Date		23.04.2024
8.	Analysis Completion Date		27.04.2024
~			25.04.0004

ANALYSIS REPORT FOR SOURCE EMMISSION

9. Report Issue date 27.04.2024

Discipline: Chemical

Group: Atmospheric Pollution

Sub Group: Stack emission ULR No: TC407124000009540F

GENERAL DETAILS					
Instrument Used for Sampling	Sample collected with VSS_1				
Fuel Used	Diesel				
Ambient Temperature (°C)	34 74				
Stack Temperature (ºC)					
Velocity (m/s)	5.7				
Height (m)	6 mtr AGL				
Diameter (m)	0.5				
Cross sectional area (m ²)	0.1964				

<u>RESULTS</u>

Parameters	Protocol	Unit	Result	Standard	
Particulate Matter	IS-11255(Part-1) - 2019	mg/Nm ³	62.0	150	
Sulphur dioxide	IS-11255(Part-2) - 2019	mg/Nm ³	28.1	100	
Nitrogen dioxide	IS-11255(Part-7) - 2017	mg/Nm ³	34.9	50	

As per KSPCB Standards INFERENCE

Report Status: - The analyzed value for above measured parameter is within the limits.

Analysed by

-: END GEREPOR



Authorized Signatory B.Chinna Lingana Gouda Chief executive of the laboratory

Note: 1 The results listed only to the tested samples & applicable parameters.

2. Water, Pollution & Environment & Food samples will be discarded after 10 days. Ores and minerals Filter papers & Thimbles will be discarded in 3 months from the date of issue of test reports, unless otherwise specified. ILC samples will be discarded after 1 month from the date of test reports.

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ANALYSIS REPORT FOR SOURCE EMMISSION

MSVAL/SE/RF/01/00

1.	Name and Address of the Industry		M/s. Shilpa Pharma Life Sciences Limited unit-2, Plot No. 33, 33A, 40-47, Raichur Industrial Growth Center, Chicksugur village, Raichur.
2.	Stack ID		DG - Set 625KVA- II
3.	Sample Collected By	:	MSV Analytical Laboratories, Bellary
4.	Date of Monitoring	:	22.04.2024
5.	Date of Sample Receipt	:	23.04.2024
6.	Sample Code	3	14076
7.	Analysis Starting Date	3	23.04.2024
8.	Analysis Completion Date	÷	27.04.2024
9.	Report Issue date		27.04.2024

Discipline: Chemical Group: Atmospheric Pollution
ULR No: TC40712400009541F

Sub Group: Stack emission

GENERAL DETAILS

Instrument Used for Sampling	Sample collected with VSS_1				
Fuel Used	Diesel				
Ambient Temperature (°C)	34				
Stack Temperature (°C)	83				
Velocity (m/s)	6.0				
Height (m)	6 mtr AGL				
Diameter (m)	0.5				
Cross sectional area (m ²)	0.1964				

RESULTS

Parameters	Protocol	Unit	Result	Standard	
Particulate Matter	IS-11255(Part-1) - 2019	mg/Nm ³	65.2	150	
Sulphur dioxide	IS-11255(Part-2) - 2019	mg/Nm ³	26.4	100	
Nitrogen dioxide	IS-11255(Part-7) - 2017	mg/Nm ³	30.8	50	

INFERENCE	As per KSPCB Standards
INPERENCE	Report Status: - The analyzed value for above measured parameter is within the limits.

Analysed by



Authorized Signatory - CP+2 B.Chinna Lingana Gouda Chief executive of the laboratory

Note: 1. The results listed only to the tested samples & applicable parameters,

- 2. Water, Pollution & Environment & Food samples will be discarded after 10 days. Ores and minerals Filter papers & Thimbles will be discarded in 3 months from the date of issue of test reports. unless otherwise specified, ILC samples will be discarded after 1 month from the date of test reports.
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MSVAL/SE/RF/01/00

ANALYSIS REPORT FOR SOURCE EMMISSION

1.	Name and Address of the Industry		M/s. Shilpa Pharma Life Sciences Limited unit-2, Plot No. 33, 33A, 40-47, Raichur Industrial Growth Center, Chicksugur village, Raichur.
2.	Stack ID	:	DG – Set 625KVA– III
3.	Sample Collected By		MSV Analytical Laboratories, Bellary
4.	Date of Monitoring	1	22.04.2024
5.	Date of Sample Receipt		23.04.2024
6.	Sample Code	:	14077
7.	Analysis Starting Date		23.04.2024
8.	Analysis Completion Date	:	27.04.2024
9.	Report Issue date		27.04.2024

Discipline: Chemical

Group: Atmospheric Pollution

n Sub Group: Stack emission ULR No: TC407124000009542F

Instrument Used for Sampling	Sample collected with VSS_1				
Fuel Used	Diesel				
Ambient Temperature (°C)	34				
Stack Temperature (°C)	75 5.7				
Velocity (m/s)					
Height (m)	6 mtr AGL				
Diameter (m)	0.5				
Cross sectional area (m ²)	0.1964				

GENERAL DETAILS

<u>RESULTS</u>

Parameters	Protocol	Unit	Result	Standard	
Particulate Matter	IS-11255(Part-1) - 2019	mg/Nm ³	53.0	150	
Sulphur dioxide	IS-11255(Part-2) - 2019	mg/Nm ³	14.8	100	
Nitrogen dioxide	IS-11255(Part-7) - 2017	mg/Nm ³	26.0	50	



As per KSPCB Standards

Report Status: - The analyzed value for above measured parameter is within the limits.

Analysed by

-: END OF REPOR



Note: 1 The results listed only to the tested samples & applicable parameters

- 3. This report is not to be reproduced wholly or in part & cannot be used as evidence in the court of law & should not be used in any advertising media without our special permission in writing 4. Total liability of our laboratory is limited to the invoice amount. Any dispute arising out of this report is subject to Bellary jurisdiction only.
- 5. Sampling is not done by us unless otherwise specified

Water, Pollution & Environment & Food samples will be discarded after 10 days. Ores and minerals Filter papers & Thimbles will be discarded in 3 months from the date of issue of test reports, unless otherwise specified. ILC samples will be discarded after 1 month from the date of test reports.



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MSVAL/SE/RF/01/00

ANALYSIS REPORT FOR SOURCE EMMISSION

M/s. Shilpa Pharma Life Sciences Limited unit-2, Name and Address of the 1. Plot No. 33, 33A, 40-47, Raichur Industrial Growth Center, Industry Chicksugur village, Raichur. DG - Set 750 KVA-IV 2. Stack ID MSV Analytical Laboratories, Bellary 3. Sample Collected By Date of Monitoring 22.04.2024 4. 2 23.04.2024 5. Date of Sample Receipt 6. Sample Code 14078 Analysis Starting Date 7. 23.04.2024 ÷ 27.04.2024 **Analysis Completion Date** 8. 27.04.2024

9. **Report Issue date**

Group: Atmospheric Pollution Sub Group: Stack emission ULR No: TC407124000009543F **Discipline:** Chemical

GENERAL DETAILS

Instrument Used for Sampling	Sample collected with VSS _1		
Fuel Used	Diesel		
Ambient Temperature (ºC)	34		
Stack Temperature (°C)	90		
Velocity (m/s)	6.3		
Height (m)	6 mtr AGL		
Diameter (m)	0.5		
Cross sectional area (m ²)	0.1964		

RESULTS

Parameters	Protocol	Unit	Result	Standard
Particulate Matter	IS-11255(Part-1) - 2019	mg/Nm ³	58.3	150
Sulphur dioxide	lS-11255(Part-2) - 2019	mg/Nm ³	23.1	100
Nitrogen dioxide	IS-11255(Part-7) - 2017	mg/Nm ³	19.4	50

INFERENCE

As per KSPCB Standards

Report Status: - The analyzed value for above measured parameter is within the limits.

Analysed by

-: END OF

Authorized Signatory x .1 C B.Chinna Lingana Gouda Chief executive of the laboratory

Note: 1. The results listed only to the tested samples & applicable parameters.

- 3. This report is not to be reproduced wholly or in part & cannot be used as evidence in the court of law & should not be used in any advertising media without our special permission in writing
- 4. Total liability of our laboratory is limited to the invoice amount. Any dispute arising out of this report is subject to Bellary jurisdiction only.

5. Sampling is not done by us unless otherwise specified.

^{2.} Water, Pollution & Environment & Food samples will be discarded after 10 days. Ores and minerals Filter papers & Thimbles will be discarded in 3 months from the date of issue of test reports. unless otherwise specified. ILC samples will be discarded after 1 month from the date of test reports.



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ANALYSIS REPORT FOR SOURCE EMMISSION

MSVAL/SE/RF/01/00

1.	Name and Address of the Industry	:	M/s. Shilpa Pharma Life Sciences Limited unit-2, Plot No. 33, 33A, 40-47, Raichur Industrial Growth Center, Chicksugur village, Raichur.
2.	Stack ID		Thermic Fluid Heater
3.	Sample Collected By	:	MSV Analytical Laboratories, Bellary
4.	Date of Monitoring	*	22.04.2024
5.	Date of Sample Receipt		23.04.2024
6.	Sample Code	3	14079
7.	Analysis Starting Date		23.04.2024
8.	Analysis Completion Date	12	27.04.2024
9.	Report Issue date	3	27.04.2024

Discipline: Chemical

Group: Atmospheric Pollution Sub Group: Stack emission ULR No: TC407124000009544F

GENERAL DETAILS

Instrument Used for Sampling	Sample collected with VSS _1			
Fuel Used	222			
Ambient Temperature (°C)	34			
Stack Temperature (°C)	120			
Velocity (m/s)	7.0			
Height (m)	3 mtr AGL			
Diameter (m)	0.35			
Cross sectional area (m ²)	0.0962			

<u>RESULTS</u>

Parameters	Protocol	Unit	Result	Standard
Rate of discharge	IS-11255(Part-3) - 2018	m³/hr	2424.24	***
Emission Rate of PM	IS-11255(Part-1) - 2019	MT/day	0.003455	
Particulate Matter	IS-11255(Part-1) - 2019	mg/Nm ³	59.4	150
Sulphur dioxide	IS-11255(Part-2) - 2019	mg/Nm ³	12.6	100
Nitrogen dioxide	IS-11255(Part-7) - 2017	mg/Nm ³	24.0	50

INFERENCE	As per KSPCB Standards
INFERENCE	Report Status: - The analyzed value for above measured parameter is within the limits.

Analysed by



Authorized Signatory B.Chinna Lingana Gouda Chief executive of the laboratory

Note: 1. The results listed only to the tested samples & applicable parameters $_{\rm B}$

3. This report is not to be reproduced wholly or in part & cannot be used as evidence in the court of law & should not be used in any advertising media without our special permission in writing. 4. Total liability of our laboratory is limited to the invoice amount. Any dispute arising out of this report is subject to Bellary jurisdiction only.

5- Sampling is not done by us unless otherwise specified

^{2.} Water, Pollution & Environment & Food samples will be discarded after 10 days. Ores and minerals Filter papers & Thimbles will be discarded in 3 months from the date of issue of test reports, unless otherwise specified, ILC samples will be discarded after 1 month from the date of test reports.

Annexure-IV Noise Level Monitoring Report



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MSVAL/AN/RF/01/00

AMBIENT NOISE LEVEL MONITORING REPORT

- Name of the industry 1.
- M/S. Shilpa Pharma Life Sciences Limited unit-2, Plot No. 33, 33A, 40-47, Raichur Industrial Growth Center, Chicksugur village, Raichur. MSV Analytical Laboratories, Bellary
- Sample Collected By 2. 3
- Noise meter
- Particulars of Sample Collected Date of Monitoring 21.09.2024 1
- 4. 5.
 - Report Issue Date
- 30.09.2024 IS 9989

:

- Method Adopted 6.
- Discipline: Chemical Group: Atmospheric Pollution Sub Group: Ambient Noise ULR No: TC407124000021164F

				F	Results	
S.No	Sample Location	Time Frequency	Maximum in dB(A) Leq	Minimum in dB(A) Leq	Avg. in dB(A) Leq	Permissible limits in dB(A) Leq
1		At 07:00 AM	70.2	63.5	66.9	
2	-	At 08:00 AM	63.9	53.7	58.8	
3		At 09:00 AM	69.5	66.4	68.0	
4		At 10:00 AM	71.3	64.2	67.8	
5		At 11:00 AM	68.5	63.4	66.0	
6		At 12:00 PM	73.2	71.5	72.4	
7		At 01:00 PM	67.6	63.4	65.5	
8		At 02:00 PM	70.4	69.1	69.8	75
9		At 03:00 PM	66.8	63.9	65.4	
10	DOCIA	At 04:00 PM	59.2	56.2	57.7	
11	DG Set Area	At 05:00 PM	63.1	59.5	61.3	
12		At 06:00 PM	66.9	55.2	61.1	
13		At 07:00 PM	69.4	63.7	66.6	
14		At 08:00 PM	60.5	58.4	59.5	
15		At 09:00 PM	59.2	58.9	59.1	
16		At 10:00 PM	53.7	50.6	52.2	
17		At 11:00 PM	66.4	63.2	64.8	
18		At 12:00 AM	59.8	55.3	57.6	
19		At 01:00 AM	63.1	58.9	61.0	
20		At 02:00 AM	56.2	52.4	54.3	
21		At 03:00 AM	59.3	51.9	55.6	70
22		At 04:00 AM	53.7	49.1	51.4	
23		At 05:00 AM	69.5	56.5	63.0	
24		At 06:00 AM	65.6	53.4	59.5	

As per KSPCB Standards INFERENCE Report Status :- The Noise level for the all locations is within the limits Analysed by Authorized Signatory Hanumanthaiah P **Technical Manager**

Note: 1. The results listed only to the tested samples & applicable parameters.

2. Water, Pollution &Environment & Food samples will discard after 10 days. Ores and minerals, Filter papers & Thimbles will discard 3 months from the date of issue of test certificate unless otherwise specified. ILC samples will be discard after 1 month from the date of test certificate issue.

- 3. This report is not to be reproduced wholly or in part & cannot be used as evidence in the court of law & should not be used in any advertising media without our special permission in writing. 4. Total liability of our laboratory is limited to the invoice amount. Any dispute arising out of this report is subject to Bellary jurisdiction only.
- 5. Sampling is not done by us unless otherwise specified



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MSVAL/AN/RF/01/00

AMBIENT NOISE LEVEL MONITORING REPORT

- 1. Name of the industry
- M/S. Shilpa Pharma Life Sciences Limited unit-2, : Plot No. 33, 33A, 40-47, Raichur Industrial Growth Center, Chicksugur village, Raichur. MSV Analytical Laboratories, Bellary
- Sample Collected By 2.
- 3. Particulars of Sample Collected ŝ
- 4. Date of Monitoring **Report Issue Date** 5.
- 6.
- Noise meter 21.09.2024
- 30.09.2024 5
- Method Adopted
- Discipline: Chemical Group: Atmospheric Pollution Sub Group: Ambient Noise ULR No: TC407124000021164F

IS 9989

				F	tesults	
S.No Sample Loca	Sample Location	ion Time Frequency	Maximum in dB(A) Leq	Minimum in dB(A) Leq	Avg. in dB(A) Leq	Permissible limits in dB(A) Leq
1		At 07:00 AM	63.8	59.8	61.8	
2		At 08:00 AM	59.2	55.2	57.2	
3		At 09:00 AM	66.7	60.3	63.5	
4		At 10:00 AM	63.9	59.8	61.9	_
5		At 11:00 AM	55.3	52.9	54.1	
6		At 12:00 PM	52.7	50.1	51.4	
7	-	At 01:00 PM	58.6	56.9	57.8	
8		At 02:00 PM	53.7	50.8	52.3	75
9		At 03:00 PM	57.4	52.2	54.8	
10		At 04:00 PM	59.8	55.1	57.5	
11	Production Area	At 05:00 PM	66.9	60.7	63.8	
12		At 06:00 PM	63.5	60.2	61.9	
13		At 07:00 PM	66.1	59.5	62.8	
14		At 08:00 PM	69.3	54.2	61.8	
15		At 09:00 PM	72.9	70.4	71.7	
16		At 10:00 PM	69.5	66.8	68.2	
17		At 11:00 PM	66.9	53.7	60.3	
18		At 12:00 AM	63.2	59.1	61.2	
19		At 01:00 AM	66.4	64.8	65.6	
20		At 02:00 AM	69.3	60.2	64.8	
21	1	At 03:00 AM	63.8	59.5	61.7	70
22		At 04:00 AM	60.3	58.4	59.4	
23		At 05:00 AM	68.4	63.1	65.8	
24		At 06:00 AM	60.9	58.7	59.8	

As per KSPCB Standards INFERENCE

Report Status :- The Noise level for the all locations is within the limits

Analysed by

to

-: END (

Authorized Signatory 9 Hanumanthaiah P **Technical Manager**

- Note: 1. The results listed only to the tested samples & applicable parameters.
 - Water, Pollution & Environment & Food samples will discard after 10 days. Ores and minerals, Filter papers & Thimbles will discard 3 months from the date of issue of test certificate unless otherwise specified. ILC samples will be discard after 1 month from the date of test certificate issue.
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MSVAL/AN/RF/01/00

AMBIENT NOISE LEVEL MONITORING REPORT

M/S. Shilpa Pharma Life Sciences Limited unit-2, Name of the industry 1. 1 Plot No. 33, 33A, 40-47, Raichur Industrial Growth Center, Chicksugur village, Raichur. Sample Collected By MSV Analytical Laboratories, Bellary 2 3. Particulars of Sample Collected Noise meter Date of Monitoring 21.09.2024 4. 5. Report Issue Date 30.09.2024 : Method Adopted IS 9989: 2020 6.

Discipline: Chemical Group: Atmospheric Pollution Sub Group: Ambient Noise ULR No: TC407124000021164F

		(T)-	Results			
S.No	Sample Location	Time Frequency	Maximum in dB(A) Leq	Minimum in dB(A) Leq	Avg. in dB(A) Leq	Permissible limits in dB(A) Leq
1		At 07:00 AM	59.5	56.4	58.0	
2		At 08:00 AM	58.7	53.7	56.2	
3		At 09:00 AM	63.1	58.9	61.0	
4		At 10:00 AM	66.8	60.7	63.8	
5		At 11:00 AM	59.5	56.8	58.2	
6		At 12:00 PM	56.2	53.7	55.0	
7		At 01:00 PM	57.5	55.8	56.7	
8		At 02:00 PM	60.8	57.1	59.0	75
9		At 03:00 PM	59.3	55.4	57.4	
10		At 04:00 PM	58.3	52.8	55.6	
11	Near Main Gate	At 05:00 PM	66.2	53.9	60.1	
12		At 06:00 PM	69.3	66.2	67.8	
13]	At 07:00 PM	72.5	63.8	68.2]
14		At 08:00 PM	70.5	60.1	65.3	
15		At 09:00 PM	63.6	57.4	60.5	
16		At 10:00 PM	66.2	61.7	64.0	
17		At 11:00 PM	69.3	60.8	65.1	
18	-	At 12:00 AM	65.7	54.2	60,0	
19		At 01:00 AM	59.1	56.8	58.0	
20		At 02:00 AM	63.4	60.9	62.2	
21	-	At 03:00 AM	68.7	55.4	62.1	70
22		At 04:00 AM	65.1	58.9	62.0	
23		At 05:00 AM	67.6	62.7	65.2	
24	· · · · · · · · · · · · · · · · · · ·	At 06:00 AM	60.4	58.8	59.6	

INFERENCE Analysed by





Report Status :- The Noise level for the all locations is within the limits

Authorized Signatory 2 Hanumanthaiah P **Technical Manager**

- Note: 1. The results listed only to the tested samples & applicable parameters.
 Water, Pollution & Environment & Food samples will discard after 10 days. Ores and minerals, Filter papers & Thimbles will discard 3 months from the date of issue of test certificate unless otherwise specified. ILC samples will be discard after 1 month from the date of test certificate issue.
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 - permission in writing.
 - 4. Total liability of our laboratory is limited to the invoice amount. Any dispute arising out of this report is subject to Bellary jurisdiction only.

As per KSPCB Standards

Sampling is not done by us unless otherwise specified



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MSVAL/AN/RF/01/00

AMBIENT NOISE LEVEL MONITORING REPORT

- 1. Name of the industry
- : M/S. Shilpa Pharma Life Sciences Limited unit-2, Plot No. 33, 33A, 40-47, Raichur Industrial Growth Center, Chicksugur village, Raichur.
- 2. Sample Collected By
- : MSV Analytical Laboratories, Bellary : Noise meter
- Particulars of Sample Collected
 Date of Monitoring
- : 21.09.2024

:

2

- 5. Report Issue Date
- 6. Method Adopted

- 30.09.2024 IS 9989: 2020
- Discipline: Chemical Group: Atmospheric Pollution Sub Group: Ambient Noise ULR No: TC407124000021164F

				F	lesults	
S.No	Sample Location	Time Frequency	Maximum in dB(A) Leq	Minimum in dB(A) Leq	Avg. in dB(A) Leq	Permissible limits in dB(A) Leq
1		At 07:00 AM	66.8	60.9	63.9	
2		At 08:00 AM	53.7	50.7	52.2	
3		At 09:00 AM	60.9	66.8	63.9	
4		At 10:00 AM	59.5	56.7	58.1	
5		At 11:00 AM	66.2	64.1	65.2	
6		At 12:00 PM	62.9	60.7	61.8	
7		At 01:00 PM	71.5	63.9	67.7	
8		At 02:00 PM	69.7	59.2	64.5	75
9		At 03:00 PM	67.3	62.7	65.0	
10		At 04:00 PM	62.7	56.5	59.6	
11		At 05:00 PM	60.2	57.3	58.8	
12	Near	At 06:00 PM	66.5	64.8	65.7	
13	Administration	At 07:00 PM	60.3	58.4	59.4	
14	Office	At 08:00 PM	63.1	60.3	61.7	
15		At 09:00 PM	66.8	58.5	62.7	
16		At 10:00 PM	69.6	63.2	66.4	
17		At 11:00 PM	65.2	60.9	63.1	
18		At 12:00 AM	63.4	61.5	62.5	
19		At 01:00 AM	68.5	60.8	64.7	1
20	-	At 02:00 AM	66.8	64.9	65.9	
21		At 03:00 AM	65.3	62.7	64.0	70
22		At 04:00 AM	62.6	60.9	61.8	
23		At 05:00 AM	66.7	63.5	65.1	
24		At 06:00 AM	61.1	53.9	57.5	



Note: 1 The results listed only to the tested samples & applicable parameters.

- Water, Pollution & Environment & Food samples will discard after 10 days. Ores and minerals, Filter papers & Thimbles will discard 3 months from the date of issue of test certificate unless otherwise specified. ILC samples will be discard after 1 month from the date of test certificate issue.
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MSVAL/AN/RF/01/00

AMBIENT NOISE LEVEL MONITORING REPORT

- Name of the industry M/S. Shilpa Pharma Life Sciences Limited unit-2, 1. ; Plot No. 33, 33A, 40-47, Raichur Industrial Growth Center, Chicksugur village, Raichur. 2. Sample Collected By MSV Analytical Laboratories, Bellary 3. Particulars of Sample Collected Noise meter . 4. Date of Monitoring 17.08.2024 5. :
- Report Issue Date
- Method Adopted 6.
- 27.08.2024 IS 9989
- Discipline: Chemical Group: Atmospheric Pollution Sub Group: Ambient Noise ULR No: TC407124000018395F

				P	Results	
S.No	Sample Location	Time Frequency	Maximum in dB(A) Leq	Minimum in dB(A) Leq	Avg. in dB(A) Leq	Permissible limits in dB(A) Leq
1		At 07:00 AM	61.9	59.7	60.8	
2	-	At 08:00 AM	59.3	55.3	57.3	
3		At 09:00 AM	67.6	65.7	66.7	
4		At 10:00 AM	63.5	60.9	62.2]
5		At 11:00 AM	65.1	62.7	63.9	
6		At 12:00 PM	70.9	69.2	70.1	
7		At 01:00 PM	66.8	63.7	65.3	
8		At 02:00 PM	71.9	68.3	70.1	75
9		At 03:00 PM	65.1	62.1	63.6	
10	DOGIA	At 04:00 PM	67.8	65.8	66.8	
11	DG Set Area	At 05:00 PM	61.3	57.6	59.5	
12		At 06:00 PM	67.4	59.9	63.7	
13		At 07:00 PM	63.9	60.7	62.3	
14		At 08:00 PM	59.7	57.6	58.7	
15		At 09:00 PM	57.5	53.1	55.3	
16		At 10:00 PM	59.4	57.5	58.5	
17		At 11:00 PM	68.3	66.3	67.3	
18		At 12:00 AM	58.7	52.9	55.8]
19		At 01:00 AM	60.5	57.4	59.0	
20		At 02:00 AM	53.9	50.9	52.4	
21		At 03:00 AM	57.4	54.1	55.8	70
22]	At 04:00 AM	58.6	48.3	53.5	
23		At 05:00 AM	66.1	59.4	62.8	
24		At 06:00 AM	63.9	57.1	60.5	

As per KSPCB Standards

INFERENCE Report Status :- The Noise level for the all locations is within the limits Analysed by Authorized Signatory Hanumanthaiah P **Technical Manager**

- Note: 1. The results listed only to the tested samples & applicable parameters.
 - 2. Water, Pollution & Environment & Food samples will discard after 10 days. Ores and minerals, Filter papers & Thimbles will discard 3 months from the date of issue of test certificate unless otherwise specified. ILC samples will be discard after 1 month from the date of test certificate issue.
 - 3. This report is not to be reproduced wholly or in part & cannot be used as evidence in the court of law & should not be used in any advertising media without our special permission in writing.
 - 4. Total liability of our laboratory is limited to the invoice amount. Any dispute arising out of this report is subject to Bellary jurisdiction only.
 - 5. Sampling is not done by us unless otherwise specified



Recognition by MoEF Under Environment (Protection) Act, 1986 and Accredited by NABL (Certified by ISO 14001:2015, ISO 45001:2018, ISO 9001:2015, ISO 22000:2018) C.M.C Ward No 18 & C.T.C W.No.16, T.S No 695 / A / 32 / B1, Block No 19 (1st & 2st Floor) Sanganakallu Road, KEB Circle, Bellary - 583103. Contact No : Mob: 9449803895, (0):9945456764, 08392-255169 E-mail : msvalbellary2018@gmail.com, labmsv@gmail.com Website : www.msvalbellary.com



MSVAL/AN/RF/01/00

AMBIENT NOISE LEVEL MONITORING REPORT

- Name of the industry 1
- M/S. Shilpa Pharma Life Sciences Limited unit-2, 5 Plot No. 33, 33A, 40-47, Raichur Industrial Growth Center, Chicksugur village, Raichur. MSV Analytical Laboratories, Bellary
- 2. Sample Collected By
- 3. Particulars of Sample Collected
- Date of Monitoring 4.
- 5. **Report** Issue Date
- Method Adopted 6.
- Noise meter 17.08.2024
- 27.08.2024 : IS 9989: 2020

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e

Discipline: Chemical Group: Atmospheric Pollution Sub Group: Ambient Noise ULR No: TC407124000018395F

				F	Results	
S.No Sample Location	Sample Location	Time Frequency	Maximum in dB(A) Leq	Minimum in dB(A) Leq	Avg. in dB(A) Leq	Permissible limits in dB(A) Leq
1		At 07:00 AM	59.5	57.7	63.5	
2		At 08:00 AM	58.9	56.8	63.6	
3		At 09:00 AM	61.7	59.6	63.3	
4		At 10:00 AM	60.5	58.9	66.6	
5		At 11:00 AM	57.1	55.4	63.7	
6		At 12:00 PM	56.4	54.8	68.1	
7		At 01:00 PM	55.5	53.4	69.3	
8		At 02:00 PM	54.6	52.5	65.8	75
9		At 03:00 PM	55.8	53.3	68.1	
10		At 04:00 PM	56.2	54.8	65.0	
11	Production Area	At 05:00 PM	61.4	59.9	66.8	
12		At 06:00 PM	62.1	60.5	63.0	
13		At 07:00 PM	60.5	58.4	57.5	
14		At 08:00 PM	61.9	59.1	54.0	
15		At 09:00 PM	60.7	58.7	55.4	_
16		At 10:00 PM	63.3	61.2	60.4	
17		At 11:00 PM	61.7	59.4	54.0	
18]	At 12:00 AM	60.4	58.3	56.9	
19		At 01:00 AM	69.5	62.8	58.0	
20	-	At 02:00 AM	61.6	59.9	53.8	
21		At 03:00 AM	60.7	58.7	62.0	70
22		At 04:00 AM	58.5	56.4	58.1	
23		At 05:00 AM	64.1	62.5	56.8	
24		At 06:00 AM	60.2	58.8	59.4	

As per KSPCB Standards INFERENCE Report Status :- The Noise level for the all locations is within the limits

Analysed by

Authorized Signatory Hanumanthaiah P **Technical Manager**



Note: 1.The results listed only to the tested samples & applicable parameters.

- Water, Pollution & Environment & Food samples will discard after 10 days. Ores and minerals, Filter papers & Thimbles will discard 3 months from the date of issue of test certificate unless otherwise specified. ILC samples will be discard after 1 month from the date of test certificate issue.
- 3. This report is not to be reproduced wholly or in part & cannot be used as evidence in the court of law & should not be used in any advertising media without our special permission in writing. 4. Total liability of our laboratory is limited to the invoice amount. Any dispute arising out of this report is subject to Bellary jurisdiction only.
- 5. Sampling is not done by us unless otherwise specified



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MSVAL/AN/RF/01/00

AMBIENT NOISE LEVEL MONITORING REPORT

- 1. Name of the industry
- M/S. Shilpa Pharma Life Sciences Limited unit-2, 5 Plot No. 33, 33A, 40-47, Raichur Industrial Growth Center, Chicksugur village, Raichur. MSV Analytical Laboratories, Bellary
- 2. Sample Collected By
- 3. Particulars of Sample Collected 2 4.
 - Date of Monitoring
- Report Issue Date 5.
- Method Adopted 6.

- Noise meter 17.08.2024
- : 27.08.2024 :
- IS 9989: 2020 .

Discipline: Chemical	Group: Atmospheric Pollution	Sub Group: Ambient Noise	ULR No: TC407124000018395F
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		m .		F	Results	
S.No	Sample Location	Time Frequency	Maximum in dB(A) Leq	Minimum in dB(A) Leq	Avg. in dB(A) Leq	Permissible limits in dB(A) Leq
1		At 07:00 AM	55.9	57.1	56.5	
2		At 08:00 AM	56.7	56.7	56.7	
3		At 09:00 AM	66.9	59.5	63.2	
4		At 10:00 AM	60.1	58.8	59.5	
5		At 11:00 AM	57.7	55.9	56.8	
6		At 12:00 PM	56.5	54.4	55.5	
7		At 01:00 PM	55.8	53.3	54.6	
8		At 02:00 PM	54.6	52.6	53.6	75
9		At 03:00 PM	55.9	53.7	54.8	
10		At 04:00 PM	56.1	54.8	55.5	
11	Near Main Gate	At 05:00 PM	61.8	59.4	60.6	
12		At 06:00 PM	62.5	60.9	61.7	
13		At 07:00 PM	60.6	58.4	59.5	
14		At 08:00 PM	61.8	59.7	60.8	
15		At 09:00 PM	60.2	58.5	59.4	
16		At 10:00 PM	63.6	61.7	62.7	
17		At 11:00 PM	61.3	59.2	60.3	
18		At 12:00 AM	60.7	58.5	59.6	
19		At 01:00 AM	64.4	62.8	63.6	
20		At 02:00 AM	61.8	59.4	60.6	
21	-	At 03:00 AM	60.5	58.7	59.6	70
22		At 04:00 AM	68.2	56.8	62.5	
23		At 05:00 AM	66.4	62.1	64.3	
24		At 06:00 AM	60.9	58.4	59.7	

As per KSPCB Standards **INFERENCE**

Report Status :- The Noise level for the all locations is within the limits

Authorized Signatory Hanumanthaiah P **Technical Manager**





Note : 1. The results listed only to the tested samples & applicable parameters.

Water, Pollution & Environment & Food samples will discard after 10 days. Ores and minerals, Filter papers & Thimbles will discard 3 months from the date of issue of test certificate unless otherwise specified. ILC samples will be discard after 1 month from the date of test certificate issue.

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Analysed by

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MSVAL/AN/RF/01/00

AMBIENT NOISE LEVEL MONITORING REPORT

1. Name of the industry

M/s. Shilpa Pharma Life Sciences Limited unit-2, Plot No. 33, 33A, 40-47, Raichur Industrial Growth Center, Chicksugur village, Raichur.

- 2. Sample Collected By
- : MSV Analytical Laboratories, Bellary : Noise meter
- 3. Particulars of Sample Collected
- Date of Monitoring
 Report Issue Date
- : 19.07.2024 : 27.07.2024

:

- 6. Method Adopted
- 27.07.2024 IS 9989: 2020
- 5. Method Adopted

Discipline: Chemical Group: Atmospheric Pollution Sub Group: Ambient Noise ULR No: TC407124000016399F

		m.*		F	lesults	
S.No	Sample Location	Time Frequency	Maximum in dB(A) Leq	Minimum in dB(A) Leq	Avg. in dB(A) Leq	Permissible limits in dB(A) Leq
1		At 07:00 AM	63.1	61.2	62.2	
2		At 08:00 AM	62.9	59.8	61.4	
3		At 09:00 AM	66.5	64.6	65.6]
4		At 10:00 AM	68.4	65.3	66.9]
5		At 11:00 AM	68.5	66.9	67.7	
6		At 12:00 PM	69.7	67.5	68.6	
7		At 01:00 PM	66.5	60.2	63.4]
8		At 02:00 PM	69.2	66.8	68.0	75
9		At 03:00 PM	67.5	64.6	66.1	
10	DOGIA	At 04:00 PM	65.3	63.2	64.3]
11	DG Set Area	At 05:00 PM	63.7	59.8	61.8	1
12		At 06:00 PM	62.9	57.3	60.1	
13		At 07:00 PM	60.9	57.5	59.2	
14		At 08:00 PM	58.5	56.2	57.4	
15		At 09:00 PM	59.7	54.9	57.3	
16		At 10:00 PM	57.3	53.2	55.3	
17		At 11:00 PM	63.2	57.9	60.6	
18		At 12:00 AM	59.5	55.3	57.4	
19		At 01:00 AM	62.2	59.5	60.9	
20		At 02:00 AM	59.8	52.1	56.0	
21	-	At 03:00 AM	55.2	50.3	52.8	70
22		At 04:00 AM	52.6	49.2	50.9	
23		At 05:00 AM	62.7	57.3	60.0	
24		At 06:00 AM	60.3	57.8	59.1	

INFERENCE As per KSPCB Standards Report Status :- The Noise level for the all locations is within the limits

Analysed



Authorized Signatory 9 Hanumanthaiah P **Technical Manager**

Note: 1. The results listed only to the tested samples & applicable parameters.

- Water, Pollution & Environment & Food samples will discard after 10 days. Ores and minerals, Filter papers & Thimbles will discard 3 months from the date of issue of test certificate unless otherwise specified. ILC samples will be discard after 1 month from the date of test certificate issue.
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MSVAL/AN/RF/01/00

AMBIENT NOISE LEVEL MONITORING REPORT M/s. Shilpa Pharma Life Sciences Limited unit-2,

Name of the industry 1.

Plot No. 33, 33A, 40-47, Raichur Industrial Growth Center, Chicksugur village, Raichur.

MSV Analytical Laboratories, Bellary

- 2. Sample Collected By
- 3. Particulars of Sample Collected
- Noise meter 1 : 19.07.2024

:

- 4. Date of Monitoring **Report Issue Date**
- 5.

- 27.07.2024 IS 9989: 2020
- Method Adopted • 6.
- Discipline: Chemical Group: Atmospheric Pollution Sub Group: Ambient Noise ULR No: TC407124000016416F

				F	lesults	
S.No	Sample Location	Time Frequency	Maximum in dB(A) Leq	Minimum in dB(A) Leq	Avg. in dB(A) Leq	Permissible limits in dB(A) Leq
1	1	At 07:00 AM	67.5	59.5	63.5	
2		At 08:00 AM	64.5	62.7	63.6	
3		At 09:00 AM	66.3	60.2	63.3	
4		At 10:00 AM	69.7	63.4	66.6	
5		At 11:00 AM	66.2	61.1	63.7	
6		At 12:00 PM	69.4	66.7	68.1	
7		At 01:00 PM	70.4	68.2	69.3	
8		At 02:00 PM	68.5	63.1	65.8	75
9	•	At 03:00 PM	69.5	66.7	68.1	
10		At 04:00 PM	66.2	63.7	65.0	
11	Production Area	At 05:00 PM	67.6	65.9	66.8	
12	1	At 06:00 PM	65.2	60.8	63.0	
13		At 07:00 PM	59.7	55.3	57.5	
14		At 08:00 PM	55.3	52.7	54.0	
15		At 09:00 PM	59.2	51.6	55.4	
16		At 10:00 PM	63.8	56.9	60.4	
17]	At 11:00 PM	55.3	52.7	54.0	
18		At 12:00 AM	58.6	55.1	56.9	
19		At 01:00 AM	59.7	56.2	58.0	
20		At 02:00 AM	55.3	52.2	53.8	
21		At 03:00 AM	63.1	60.8	62.0	70
22		At 04:00 AM	59.5	56.7	58.1	
23		At 05:00 AM	57.7	55.9	56.8	
24		At 06:00 AM	60.3	58.5	59.4	

As per KSPCB Standards INFERENCE Report Status :- The Noise level for the all locations is within the limits





Authorized Signatory

Hanumanthaiah P **Technical Manager**

Note: 1. The results listed only to the tested samples & applicable parameters.

- 2. Water, Pollution & Environment & Food samples will discard after 10 days. Ores and minerals, Filter papers & Thimbles will discard 3 months from the date of issue of test certificate unless otherwise specified. ILC samples will be discard after 1 month from the date of test certificate issue.
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MSVAL/AN/RF/01/00

AMBIENT NOISE LEVEL MONITORING REPORT

- 1. Name of the industry
- M/s. Shilpa Pharma Life Sciences Limited unit-2, Plot No. 33, 33A, 40-47, Raichur Industrial Growth Center, Chicksugur village, Raichur,
- 2. Sample Collected By
- MSV Analytical Laboratories, Bellary
- Particulars of Sample Collected 3.
- 4. **Date of Monitoring**
- Report Issue Date 5.
- Method Adopted 6.
- Noise meter 19.07.2024
- 27.07.2024 IS 9989: 2020

- Discipline: Chemical Group: Atmospheric Pollution Sub Group: Ambient Noise ULR No: TC407124000016417F

		mt		F	Results	
S.No	Sample Location	Time Frequency	Maximum in dB(A) Leq	Minimum in dB(A) Leq	Avg. in dB(A) Leq	Permissible limits in dB(A) Leq
1		At 07:00 AM	69.5	67.5	68.5	
2		At 08:00 AM	64.1	58.7	61.4	
3		At 09:00 AM	61.4	59.3	60.4	
4		At 10:00 AM	60.8	58.1	59.5	
5		At 11:00 AM	57.9	55.1	56.5	
6		At 12:00 PM	58.7	59.2	59.0	
7		At 01:00 PM	55.3	53.8	54.6	
8		At 02:00 PM	54.2	52.2	53.2	75
9		At 03:00 PM	55.4	53.9	54.7	
10		At 04:00 PM	56.9	54.2	55.6	
11	Near Main Gate	At 05:00 PM	61.9	59.2	60.6	
12		At 06:00 PM	62.9	60.1	61.5	
13		At 07:00 PM	60.4	58.9	59.7	
14		At 08:00 PM	61.7	59.9	60.8	
15		At 09:00 PM	60.8	58.2	59.5	
16		At 10:00 PM	63.2	61.9	62.6	
17		At 11:00 PM	61.8	59.4	60.6	
18		At 12:00 AM	60.3	58.7	59.5	
19		At 01:00 AM	69.2	62.3	65.8	
20		At 02:00 AM	61.9	59.4	60.7]
21	-	At 03:00 AM	66.8	58.1	62.5	70
22		At 04:00 AM	58.9	56.7	57.8	
23		At 05:00 AM	64.2	62.9	63.6	
24		At 06:00 AM	60.1	58.1	59.1	

INFERENCE

As per KSPCB Standards Report Status :- The Noise level for the all locations is within the limits

Analysed b



Authorized Signatory Hanumanthaiah P **Technical Manager**

- Note: 1. The results listed only to the tested samples & applicable parameters.
 - Water, Pollution &Environment & Food samples will discard after 10 days. Ores and minerals, Filter papers & Thimbles will discard 3 months from the date of issue of test certificate unless otherwise specified. ILC samples will be discard after 1 month from the date of test certificate issue.
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MSVAL/AN/RF/01/00

AMBIENT NOISE LEVEL MONITORING REPORT

Noise meter

Name of the industry 1.

M/s. Shilpa Pharma Life Sciences Limited unit-2, Plot No. 33, 33A, 40-47, Raichur Industrial Growth Center, Chicksugur village, Raichur. MSV Analytical Laboratories, Bellary

- 2. Sample Collected By
- 3. Particulars of Sample Collected
- Date of Monitoring 4.
- 5. Report Issue Date
- Method Adopted 6.

19.07.2024 27.07.2024

IS 9989: 2020

ULR No: TC407124000016418F Discipline: Chemical Group: Atmospheric Pollution Sub Group: Ambient Noise

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				F	Results	
S.No	Sample Location	Time Frequency	Maximum in dB(A) Leq	Minimum in dB(A) Leq	Avg. in dB(A) Leq	Permissible limits in dB(A) Leq
1		At 07:00 AM	65.6	58.9	62.3	
2		At 08:00 AM	63.8	59.1	61.5	
3	1	At 09:00 AM	60.1	58.7	59.4	
4		At 10:00 AM	63.9	61.2	62.6	
5		At 11:00 AM	61.4	59.9	60.7	
6		At 12:00 PM	60.5	58.2	59.4	
7		At 01:00 PM	64.4	62.7	63.6	
8		At 02:00 PM	61.7	59.5	60.6	75
9		At 03:00 PM	60.6	58.3	59.5	
10		At 04:00 PM	58.2	56.4	57.3	
11	Neer	At 05:00 PM	64.9	62.5	63.7	
12	Near	At 06:00 PM	60.2	58.5	59.4	
13	Administration Office	At 07:00 PM	60.5	58.2	59.4	
14	Onice	At 08:00 PM	61.4	59.7	60.6	
15	1	At 09:00 PM	60.5	58.6	59.6	
16		At 10:00 PM	63.3	61.1	62.2	
17]	At 11:00 PM	61.4	59.8	60.6	
18		At 12:00 AM	60.1	58.6	59.4	
19		At 01:00 AM	64.5	62.8	63.7	
20		At 02:00 AM	61.6	59.7	60.7	
21		At 03:00 AM	60.3	58.5	59.4	70
22		At 04:00 AM	58.5	56.3	57.4	
23		At 05:00 AM	64.3	62.4	63.4	
24		At 06:00 AM	60.2	58.8	59.5	

As per KSPCB Standards INFERENCE Report Status :- The Noise level for the all locations is within the limits

Analysed bν



Authorized Signatory Hanumanthaiah P **Technical Manager**

- Note: 1. The results listed only to the tested samples & applicable parameters.
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MSVAL/AN/RF/01/00

AMBIENT NOISE LEVEL MONITORING REPORT

M/s. Shilpa Pharma Life Sciences Limited unit-2, 1. Name of the industry : Plot No. 33, 33A, 40-47, Raichur Industrial Growth Center, Chicksugur village, Raichur. Sample Collected By MSV Analytical Laboratories, Bellary 2. Particulars of Sample Collected Noise meter 3. Date of Monitoring 13.06.2024 4. ÷ 5. **Report Issue Date** 20.06.2024 ÷

IS 9989: 2020

6. Method Adopted

Discipline: Chemical Group: Atmospheric Pollution Sub Group: Ambient Noise ULR No: TC407124000013475F

		m*	Results							
S.No	Sample Location	Time Frequency	Maximum in dB(A) Leq	Minimum in dB(A) Leq	Avg. in dB(A) Leq	Permissible limits in dB(A) Leq				
1		At 07:00 AM	64.8	60.1	62.4					
2		At 08:00 AM	66.7	64.9	65.8					
3		At 09:00 AM	68.1	65.2	66.6					
4		At 10:00 AM	65.9	63.4	64.6					
5		At 11:00 AM	64.0	61.5	62.7					
6		At 12:00 PM	67.2	65.2	66.2					
7		At 01:00 PM	65.3	61.9	63.6					
8		At 02:00 PM	66.5	63.6	65.0	75				
9		At 03:00 PM	69.7	65.2	67.4					
10		At 04:00 PM	68.0	64.9	66.4					
11	DG Set Area	At 05:00 PM	67.2	64.2	65.7					
12		At 06:00 PM	65.3	63.6	64.4					
13		At 07:00 PM	59.3	56.1	57.7					
14		At 08:00 PM	56.2	54.8	55.5					
15		At 09:00 PM	57.8	55.2	56.5					
16		At 10:00 PM	55.6	53.4	54.5					
17	1	At 11:00 PM	57.4	54.1	55.7					
18		At 12:00 AM	58.1	56.6	57.3					
19		At 01:00 AM	56.0	53.5	54.7					
20		At 02:00 AM	58.2	54.1	56.1					
21		At 03:00 AM	57.4	53.2	55.3	70				
22		At 04:00 AM	56.3	53.6	54.9					
23		At 05:00 AM	58.2	54.8	56.5					
24		At 06:00 AM	59.1	56.2	57.6					

INFERENCE As per KSPCB Standards Report Status :- The Noise level for the all locations is within the limits

Analysed by



Authorized Signatory Hanumanthaiah P **Technical Manager**

Note: 1.The results listed only to the tested samples & applicable parameters.

2. Water, Pollution & Environment & Food samples will discard after 10 days. Ores and minerals, Filter papers & Thimbles will discard 3 months from the date of issue of lest certificate unless otherwise specified. ILC samples will be discard after 1 month from the date of test certificate issue.

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- 4. Total liability of our laboratory is limited to the invoice amount. Any dispute arising out of this report is subject to Bellary jurisdiction only.
- 5. Sampling is not done by us unless otherwise specified



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MSVAL/AN/RF/01/00

AMBIENT NOISE LEVEL MONITORING REPORT

Noise meter

13.06.2024

20.06.2024 IS 9989: 2020

2

:

2

- Name of the industry 1
- M/s. Shilpa Pharma Life Sciences Limited unit-2, Plot No. 33, 33A, 40-47, Raichur Industrial Growth Center, Chicksugur village, Raichur. MSV Analytical Laboratories, Bellary
- Sample Collected By Particulars of Sample Collected
- 3. Date of Monitoring 4.
- 5. **Report** Issue Date

2.

- Method Adopted 6.

Discipline: Chemical Group: Atmospheric Pollution Sub Group: Ambient Noise ULR No: TC407124000013476F

			Results						
S.No	Sample Location	Time Frequency	Maximum in dB(A) Leq	Minimum in dB(A) Leq	Avg. in dB(A) Leq	Permissible limits in dB(A) Leq			
1		At 07:00 AM	61.4	57.3	59.3				
2		At 08:00 AM	63.1	60.1	61.6				
3		At 09:00 AM	65.8	61.8	63.8				
4		At 10:00 AM	64.2	62.4	63.3				
5		At 11:00 AM	63.9	60.9	62.4				
6		At 12:00 PM	62.7	59.2	60.9				
7	-	At 01:00 PM	64.0	61.4	62.7				
8		At 02:00 PM	65.2	61.7	63.4	75			
9		At 03:00 PM	66.3	63.8	65.0				
10]	At 04:00 PM	64.8	61.2	63.0				
11	Production Area	At 05:00 PM	63.2	60.0	61.6				
12		At 06:00 PM	62.9	59.2	61.0				
13		At 07:00 PM	60.1	57.6	58.8				
14		At 08:00 PM	58.4	54.2	56.3				
15		At 09:00 PM	57.3	55.3	56.3				
16		At 10:00 PM	59.2	56.3	57.7				
17		At 11:00 PM	54.6	51.8	53.2				
18		At 12:00 AM	55.9	52.9	54.4				
19	-	At 01:00 AM	56.3	53.0	54.6				
20	0	At 02:00 AM	57.4	55.4	56.4				
21	-	At 03:00 AM	58.0	56.2	57.1	70			
22		At 04:00 AM	57.2	54.1	55.6				
23		At 05:00 AM	56.1	53.6	54.8	1			
24		At 06:00 AM	58.3	54.0	56.1				

As per KSPCB Standards INFERENCE Report Status :- The Noise level for the all locations is within the limits

Analysed by



Authorized Signatory Hanumanthaiah P **Technical Manager**

Note : 1. The results listed only to the tested samples & applicable parameters

2. Water, Pollution & Environment & Food samples will discard after 10 days. Ores and minerals, Filter papers & Thimbles will discard 3 months from the date of issue of test certificate unless otherwise specified. ILC samples will be discard after 1 month from the date of test certificate issue.

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MSVAL/AN/RF/01/00

AMBIENT NOISE LEVEL MONITORING REPORT

- 1. Name of the industry
- M/s. Shilpa Pharma Life Sciences Limited unit-2, 1 Plot No. 33, 33A, 40-47, Raichur Industrial Growth Center, Chicksugur village, Raichur. MSV Analytical Laboratories, Bellary Noise meter
- 2. Sample Collected By 3.
 - Particulars of Sample Collected •
- Date of Monitoring 4.
- 5. **Report Issue Date**
- Method Adopted 6.

- 13.06.2024
- 20.06.2024 ;
- IS 9989: 2020 :

Discipline: Chemical	Group: Atmospheric Pollution	Sub Group: Ambient Noise	ULR No: TC407124000013477F
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				F	lesults	
S.No	Sample Location	Time Frequency	Maximum in dB(A) Leq	Minimum in dB(A) Leq	Avg. in dB(A) Leq	Permissible limits in dB(A) Leq
1		At 07:00 AM	72.8	68.4	70.6	
2		At 08:00 AM	70.6	66.3	68.4	
3		At 09:00 AM	71.8	67.9	69.8	
4		At 10:00 AM	72.5	68.2	70.3]
5		At 11:00 AM	72.3	68.4	70.3	
6		At 12:00 PM	73.4	69.2	71.3	1
7		At 01:00 PM	70.3	66.3	68.3	
8		At 02:00 PM	69.2	65.8	67.5	75
9		At 03:00 PM	72.6	68.4	70.5	
10		At 04:00 PM	72.3	68.3	70.3	
11	Near Main Gate	At 05:00 PM	72.4	68.6	70.5	
12		At 06:00 PM	74.8	70.2	72.5	
13		At 07:00 PM	67.2	62.6	64.9	
14		At 08:00 PM	69.3	65.3	67.3	
15		At 09:00 PM	68.8	64.6	66.7	
16		At 10:00 PM	67.4	63.6	65.5	
17]	At 11:00 PM	68.2	64.7	66.4	
18		At 12:00 AM	68.9	64.2	66.5	
19		At 01:00 AM	65.3	62.6	63.9	
20		At 02:00 AM	65.4	62.3	63.8	
21	-	At 03:00 AM	66.2	63.8	65.0	70
22		At 04:00 AM	68.8	64.6	66.7	
23		At 05:00 AM	68.3	65.2	66.7	1
24		At 06:00 AM	65.7	62.6	64.1	

As per KSPCB Standards INFERENCE

Report Status :- The Noise level for the all locations is within the limits

Analysed



Authorized Signatory Hanumanthaiah P **Technical Manager**

Note: 1. The results listed only to the tested samples & applicable parameters.

Water, Pollution & Environment & Food samples will discard after 10 days. Ores and minerals, Filter papers & Thimbles will discard 3 months from the date of issue of lest certificate unless otherwise specified. ILC samples will be discard after 1 month from the date of test certificate issue.

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MSVAL/AN/RF/01/00

AMBIENT NOISE LEVEL MONITORING REPORT

Name of the industry 1.

M/s. Shilpa Pharma Life Sciences Limited unit-2, Plot No. 33, 33A, 40-47, Raichur Industrial Growth Center, Chicksugur village, Raichur. MSV Analytical Laboratories, Bellary

- Sample Collected By 2. Particulars of Sample Collected 3.
- Noise meter

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- Date of Monitoring
- 4. Report Issue Date 5.
- Method Adopted 6.

- 13.06.2024
- 20.06.2024 IS 9989: 2020
- ULR No: TC407124000013478F Discipline: Chemical Group: Atmospheric Pollution Sub Group: Ambient Noise

				R	esults	
S.No	Sample Location	Time Frequency	Maximum in dB(A) Leq	Minimum in dB(A) Leq	Avg. in dB(A) Leq	Permissible limits in dB(A) Leq
1		At 07:00 AM	69.8	65.3	67.5	
2		At 08:00 AM	70.4	64.5	67.4	
3		At 09:00 AM	72.8	68.1	70.4	
4		At 10:00 AM	71.6	67.4	69.5	
5		At 11:00 AM	70.8	66.5	68.6	
6	1	At 12:00 PM	72.3	68.2	70.2	
7		At 01:00 PM	74.6	70.3	72.4	
8		At 02:00 PM	72.6	68.4	70.5	75
9		At 03:00 PM	71.3	67.3	69.3	
10		At 04:00 PM	70.5	66.5	68.5	
11	N	At 05:00 PM	73.2	69.2	71.2	
12	Near	At 06:00 PM	72.4	68.4	70.4	
13	Administration Office	At 07:00 PM	71.6	67.5	69.5	
14	Onice	At 08:00 PM	70.8	66.9	68.8	
15		At 09:00 PM	74.3	70.3	72.3	
16		At 10:00 PM	73.5	69.2	71.3	
17		At 11:00 PM	70.6	66.4	68.5	
18		At 12:00 AM	69.8	65.3	67.5	
19		At 01:00 AM	67.4	65.6	66.5	
20	-	At 02:00 AM	65.3	61.4	63.3	
21		At 03:00 AM	63.8	59.8	61.8	70
22		At 04:00 AM	65.6	61.3	63.4	
23		At 05:00 AM	70.2	66.4	68.3	
24		At 06:00 AM	68.8	64.3	66.5	

As per KSPCB Standards INFERENCE Report Status :- The Noise level for the all locations is within the limits

palysed by



Authorized Signatory Hanumanthaiah P **Technical Manager**

- Note: 1.The results listed only to the tested samples & applicable parameters. 2. Water, Pollution & Environment & Food samples will discard after 10 days. Ores and minerals, Filter papers & Thimbles will discard 3 months from the date of issue of test certificate unless otherwise specified. ILC samples will be discard after 1 month from the date of test certificate issue.
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MSVAL/AN/RF/01/00

AMBIENT NOISE LEVEL MONITORING REPORT

- 1. Name of the industry
- M/s. Shilpa Pharma Life Sciences Limited unit-2, 1 Plot No. 33, 33A, 40-47, Raichur Industrial Growth Center, Chicksugur village, Raichur. MSV Analytical Laboratories, Bellary :
- 2. Sample Collected By
- 3. **Particulars of Sample Collected** :
- 4. Date of Monitoring
- 5. **Report Issue Date**
- Method Adopted 6.

- Noise meter 22.05.2024
- 30.05.2024 \$
- IS 9989: 2020 :

1

Discipline: Chemical	Group: Atmospheric Pollution	Sub Group: Ambient Noise	ULR No: TC407124000011655F
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		502 · · ·		F	lesults	
S.No Sample Location	o Sample Location Time Frequency		Maximum in dB(A) Leq	Minimum in dB(A) Leq	Avg. in dB(A) Leq	Permissible limits in dB(A) Leq
1		At 07:00 AM	64.9	62.9	63.9	
2		At 08:00 AM	65.8	63.2	64.5	
3		At 09:00 AM	66.9	64.2	65.6	
4		At 10:00 AM	65.2	63.5	64.4	
5		At 11:00 AM	68.9	66.2	67.6	
6		At 12:00 PM	65.9	63.2	64.6	
7		At 01:00 PM	66.4	64.8	65.6	
8		At 02:00 PM	65.2	63.1	64.2	75
9		At 03:00 PM	67.4	64.2	65.8]
10	DOGAL	At 04:00 PM	66.9	65.1	66.0	
11	DG Set Area	At 05:00 PM	62.8	60.1	61.5	
12		At 06:00 PM	63.8	61.4	62.6]
13		At 07:00 PM	64.9	62.8	63.9	
14		At 08:00 PM	66.2	64.2	65.2	
15		At 09:00 PM	62.8	60.9	61.9	
16		At 10:00 PM	61.2	59.8	60.5	
17]	At 11:00 PM	63.2	61.2	62.2	
18		At 12:00 AM	64.8	62.9	63.9	
19		At 01:00 AM	65.2	63.2	64.2	
20		At 02:00 AM	60.2	58.4	59.3	
21]	At 03:00 AM	63.5	59.2	61.4	70
22		At 04:00 AM	65.8	60.8	63.3	
23		At 05:00 AM	63.5	61.2	62.4	
24		At 06:00 AM	66.8	63.7	65.3	

As per KSPCB Standards INFERENCE

Report Status :- The Noise level for the all locations is within the limits

Analysed

-: END

Authorized Signatory

Hanumanthaiah P **Technical Manager**

Note: 1. The results listed only to the tested samples & applicable parameters.

The results listed only to the tasted samples & applicable parameters.
 Water, Pollution & Environment & Food samples will discard after 10 days. Ores and minerals, Filter papers & Thimbles will discard 3 months from the date of issue of test certificate unless otherwise specified. ILC samples will be discard after 1 month from the date of test certificate issue.
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MSVAL/AN/RF/01/00

AMBIENT NOISE LEVEL MONITORING REPORT

M/s. Shilpa Pharma Life Sciences Limited unit-2, 1. Name of the industry ÷ Plot No. 33, 33A, 40-47, Raichur Industrial Growth Center, Chicksugur village, Raichur. MSV Analytical Laboratories, Bellary 2. Sample Collected By 3. Particulars of Sample Collected Noise meter 22.05.2024 4. Date of Monitoring : Report Issue Date 30.05.2024 5. : 6. Method Adopted : IS 9989: 2020

Discipline: Chemical Group: Atmospheric Pollution Sub Group: Ambient Noise ULR No: TC407124000011656F

				F	lesults	
S.No	Sample Location	Time Frequency	Maximum in dB(A) Leq	Minimum in dB(A) Leq	Avg. in dB(A) Leq	Permissible limits in dB(A) Leq
1		At 07:00 AM	62.8	60.1	61.5	
2		At 08:00 AM	63.8	61.4	62.6	
3		At 09:00 AM	64.9	62.8	63.9	
4	1	At 10:00 AM	66.2	64.2	65.2	
5		At 11:00 AM	62.8	60.9	61.9	
6		At 12:00 PM	61.2	59.2	60.2	
7]	At 01:00 PM	63.2	61.2	62.2	
8		At 02:00 PM	64.8	62.9	63.9	75
9		At 03:00 PM	65.2	63.2	64.2	
10		At 04:00 PM	60.2	58.4	59.3	
11	Production Area	At 05:00 PM	64.9	62.2	63.6	
12		At 06:00 PM	65.8	63.2	64.5	
13		At 07:00 PM	66.9	64.2	65.6	
14		At 08:00 PM	65.2	63.5	64.4	
15		At 09:00 PM	68.0	66.2	67.1	
16		At 10:00 PM	65.9	63.2	64.6	
17		At 11:00 PM	68.9	64.8	66.9	
18		At 12:00 AM	65.9	63.1	64.5	
19		At 01:00 AM	66.4	63.1	64.8	
20		At 02:00 AM	65.2	65.2	65.2	
21		At 03:00 AM	67.6	64.5	66.1	70
22		At 04:00 AM	66.9	62.1	64.5	
23		At 05:00 AM	69.4	62.9	66.2	
24		At 06:00 AM	63.4	60.8	62.1	

INFERENCE As per KSPCB Standards Report Status :- The Noise level for the all locations is within the limits

Analysed by

Authorized Signatory Hanunanthaiah P Technical Manager



Note: 1. The results listed only to the tested samples & applicable parameters.

 Water, Pollution &Environment & Food samples will discard after 10 days. Ores and minerals, Filter papers & Thimbles will discard 3 months from the date of issue of test certificate unless otherwise specified. ILC samples will be discard after 1 month from the date of test certificate issue.
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MSVAL/AN/RF/01/00

AMBIENT NOISE LEVEL MONITORING REPORT

- 1. Name of the industry
- M/s. Shilpa Pharma Life Sciences Limited unit-2, 2 Plot No. 33, 33A, 40-47, Raichur Industrial Growth Center, Chicksugur village, Raichur. MSV Analytical Laboratories, Bellary :
- Sample Collected By 2.
- 3. **Particulars of Sample Collected** :
- Date of Monitoring 4.
- 5. **Report Issue Date**
- 6 Method Adopted
- Noise meter 22.05.2024
- 30.05.2024 5
- IS 9989: 2020 .

5

Discipline: Chemical	Group: Atmospheric Pollution	Sub Group: Ambient Noise	ULR No: TC407124000011657F
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		m:		F	lesults	
S.No	S.No Sample Location	Time Frequency	Maximum in dB(A) Leq	Minimum in dB(A) Leq	Avg. in dB(A) Leq	Permissible limits in dB(A) Leq
1		At 07:00 AM	60.4	58.9	59.7	
2		At 08:00 AM	59.8	57.2	58.5	
3		At 09:00 AM	62.4	60.8	61.6	
4		At 10:00 AM	61.9	59.4	60.7	
5		At 11:00 AM	59.7	57.6	58.7	
6		At 12:00 PM	60.8	58.2	59.5	
7		At 01:00 PM	62.9	60.2	61.6]
8		At 02:00 PM	59.8	57.3	58.6	75
9		At 03:00 PM	61.8	59.8	60.8	
10		At 04:00 PM	62.8	60.9	61.9	
11	Near Main Gate	At 05:00 PM	61.4	59.2	60.3	
12		At 06:00 PM	62.8	60.9	61.9	
13		At 07:00 PM	64.9	62.2	63.6	
14		At 08:00 PM	62.8	60.1	61.5	
15		At 09:00 PM	58.2	56.4	57.3	
16		At 10:00 PM	56.4	54.2	55.3	
17		At 11:00 PM	55.9	53.2	54.6	
18		At 12:00 AM	54.9	52.1	53.5	
19		At 01:00 AM	53.8	51.2	52.5	
20]	At 02:00 AM	53.9	53.8	53.9	
21		At 03:00 AM	56.9	50.2	53.6	70
22		At 04:00 AM	55.4	51.7	53.6	
23		At 05:00 AM	58.9	54.6	56.8	
24		At 06:00 AM	56.8	50.1	53.5	

INFERENCE

As per KSPCB Standards Report Status :- The Noise level for the all locations is within the limits

Analysed

-: END OF RI

Authorized Signatory Hanumanthaiah P **Technical Manager**

- Note : 1. The results listed only to the tested samples & applicable parameters.
 - 2. Water, Pollution & Environment & Food samples will discard after 10 days. Ores and minerals, Filter papers & Thimbles will discard 3 months from the date of issue of test certificate unless otherwise specified. ILC samples will be discard after 1 month from the date of test certificate issue.

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- 5. Sampling is not done by us unless otherwise specified



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MSVAL/AN/RF/01/00

AMBIENT NOISE LEVEL MONITORING REPORT

- Name of the industry 1.
- M/s. Shilpa Pharma Life Sciences Limited unit-2, 5 Plot No. 33, 33A, 40-47, Raichur Industrial Growth Center, Chicksugur village, Raichur. MSV Analytical Laboratories, Bellary
- 2. Sample Collected By
- 3. Particulars of Sample Collected :
- Date of Monitoring 4.
- **Report Issue Date** 5.
- Method Adopted 6.

- Noise meter 22.05.2024
- 30.05.2024 :
- IS 9989: 2020 ÷

:

Discipline: Chemical	Group: Atmospheric Pollution	Sub Group: Ambient Noise	ULR No: TC407124000011658F
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				F	Results	
S.No	Sample Location	Time Frequency	Maximum in dB(A) Leq	Minimum in dB(A) Leq	Avg. in dB(A) Leq	Permissible limits in dB(A) Leq
1		At 07:00 AM	60.4	58.9	59.7	
2		At 08:00 AM	59.8	57.2	58.5	
3		At 09:00 AM	62.4	60.8	61.6	
4		At 10:00 AM	61.9	59.4	60.7	
5		At 11:00 AM	59.7	57.6	58.7	
6		At 12:00 PM	66.8	58.2	62.5	
7		At 01:00 PM	62.9	60.2	61.6	
8		At 02:00 PM	59.8	57.3	58.6	75
9	1	At 03:00 PM	61.8	59.2	60.5	
10		At 04:00 PM	64.8	60.9	62.9	
11		At 05:00 PM	60.4	58.9	59.7	
12	Near	At 06:00 PM	59.8	57.2	58.5	
13	Administration Office	At 07:00 PM	62.4	60.8	61.6	
14	Office	At 08:00 PM	61.9	59.4	60.7	
15	1	At 09:00 PM	59.7	57.6	58.7	
16		At 10:00 PM	60.8	58.2	59.5	
17	-	At 11:00 PM	62.9	60.2	61.6	
18		At 12:00 AM	59.8	57.3	58.6	
19		At 01:00 AM	61.8	59.2	60.5	
20		At 02:00 AM	64.8	60.9	62.9	
21	1	At 03:00 AM	63.4	58.1	60.8	70
22		At 04:00 AM	66.9	54.7	60.8	
23	1	At 05:00 AM	62.8	56.4	59.6	
24		At 06:00 AM	65.3	58.1	61.7	

As per KSPCB Standards INFERENCE

Report Status :- The Noise level for the all locations is within the limits

Authorized Signatory Analysed Hanumanthaiah P **Technical Manager** -: END OF

- Note: 1. The results listed only to the tested samples & applicable parameters. 2. Water, Pollution & Environment & Food samples will discard after 10 days. Ores are minerals, Filter papers & Thimbles will discard 3 months from the date of issue of test certificate unless otherwise specified. ILC samples will be discard after 1 month from the date of test certificate issue.
 - 3. This report is not to be reproduced wholly or in part & cannot be used as evidence in the court of law & should not be used in any advertising media without our special permission in writing. 4. Total liability of our laboratory is limited to the invoice amount. Any dispute arising out of this report is subject to Bellary jurisdiction only.

 - 5. Sampling is not done by us unless otherwise specified



Recognition by MoEF under Environment (Protection) Act, 1986 & Accredited by NABL (Certified by ISO 14001:2015, ISO 45001:2018, ISO 9001:2015, ISO 22000:2018) C.M.C Ward No 18 & C.T.C W.No.16 T.S No. 695/A/32/B1, Block No 19 (1" & 2[™] Floor) Sanganakallu Road, KEB Circle, Ballari - 583103 Contact No : Mob : 94498 03895, (0) : 9945456764, 08392-255169 Email : msvalbellary2018@gmail.com, labmsv@gmail.com Web ID : www.msvalbellary.com



MSVAL/AN/RF/01/00

AMBIENT NOISE LEVEL MONITORING REPORT

1.	Name	of the	industry
	LA DE RALC	OI UIC	muusuy

- M/s. Shilpa Pharma Life Sciences Limited unit-2, Plot No. 33, 33A, 40-47, Raichur Industrial Growth Center, Chicksugur village, Raichur.
 MSV Analytical Laboratories. Bellary
- Sample Collected By
 Particulars of Sample Collected
- MSV Analytical Laboratories, Bellary Noise meter
- ected : Noise meter : 22.04.2024
- 4. Date of Monitoring
- 5. Report Issue Date 6. Method Adopted
- .
- 27.04.2024
 - IS 9989: 2020
- 0.4

Discipline: Chemical Group: Atmospheric Pollution Sub Group: Ambient Noise ULR No: TC407124000009554F

				Rest	ilts	
S.No	Sample Location	Time Frequency	Maximum in dB(A) Leq	Minimum in dB(A) Leq	Avg. in dB(A) Leq	Permissible limits in dB(A) Leq
1		At 07:00 AM	62.9	60.1	61.5	
2		At 08:00 AM	63.1	61.4	62.3	1
3		At 09:00 AM	61.3	59.4	60.4	1
u4		At 10:00 AM	62.8	60.3	61.6	
5		At 11:00 AM	64.0	62.2	63.1	
6		At 12:00 PM	63.9	61.8	62.9	
7		At 01:00 PM	61.9	59.4	60.7	75
8		At 02:00 PM	65.2	63.2	64.2	
9	DG Set Area	At 03:00 PM	62.9	60.2	61.6	
10	DUJELALEA	At 04:00 PM	63.2	61.4	62.3	1
11		At 05:00 PM	62.7	60.4	61.6	1
12		At 06:00 PM	61.9	59.2	60.6	1
13		At 07:00 PM	60.1	58.4	59.3	7
14		At 08:00 PM	59.2	57.4	58.3	
15		At 09:00 PM	62.4	60.3	61.4	
16		At 10:00 PM	61.2	59.4	60.3	
17		At 11:00 PM	63.2	60.2	61.7	
18		At 12:00 AM	60.2	61.4	60.8	
19		At 01:00 AM	61.2	58.2	59.7	
20		At 02:00 AM	62.8	59.9	61.4	70
21		At 03:00 AM	61.4	60.2	60.8	,,,
22		At 04:00 AM	66.9	59.4	63.2	
23		At 05:00 AM	66.9	58.4	62.7	
24		At 06:00 AM	62.4	60.8	61.6	

INFERENCE As per KSPCB Standards

Report Status -- The Noise level for the all locations is within the limits

Analysed by



Authorized Signatory B.Chinna Lingana Gouda Chief executive of the laboratory

Note: 1 The results listed only to the tested samples & applicable parameters.

- 2. Water, Pollution & Environment & Food samples will be discarded after 10 days. Ores and minerals Filter papers & Thimbles will be discarded in 3 months from the date of issue of test reports, unless otherwise specified. ILC samples will be discarded after 1 month from the date of test reports.
- 3. This report is not to be reproduced wholly or in part & cannot be used as evidence in the court of law & should not be used in any advertising media without our special permission in writing.
- 4. Total liability of our laboratory is limited to the invoice amount. Any dispute arising out of this report is subject to Bellary jurisdiction only
- 5- Sampling is not done by us unless otherwise specified



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MSVAL/AN/RF/01/00

AMBIENT NOISE LEVEL MONITORING REPORT

1. Name of the industry

- M/s. Shilpa Pharma Life Sciences Limited unit-2, Plot No. 33, 33A, 40-47, Raichur Industrial Growth Center, Chicksugur village, Raichur. MSV Analytical Laboratories, Bellary Noise meter
- Sample Collected By Particulars of Sample Collected 3.
- 12
- Date of Monitoring
- 5. **Report Issue Date** 6.

2.

4.

Discipline: Chemical

- **Method Adopted**
- 22.04.2024 27.04.2024
- 1
- IS 9989: 2020 3

ULR No: TC407124000009555F **Group: Atmospheric Pollution** Sub Group: Ambient Noise

				Rest	ılts	
S.No	Sample Location	Time Frequency	Maximum in dB(A)	Minimum in dB(A)	Avg. in dB(A)	Permissible limits in
1			Leq	Leq	Leq	dB(A) Leq
1		At 07:00 AM	60.1	58.4	59.3	-
2		At 08:00 AM	59.2	57.4	58.3	
3		At 09:00 AM	62.4	60.3	61.4	
4		At 10:00 AM	61.2	59.4	60.3	
5		At 11:00 AM	62.2	60.2	61.2	
6		At 12:00 PM	63.2	61.4	62.3	
7		At 01:00 PM	60.2	58.2	59.2	75
8		At 02:00 PM	61.2	59.9	60.6	
9	Production Area	At 03:00 PM	62.8	60.2	61.5	
10	riouucuonnica	At 04:00 PM	61.4	59.5	60.5	
11		At 05:00 PM	60.9	58.4	59.7	
12		At 06:00 PM	62.4	60.8	61.6	
13		At 07:00 PM	62.9	60.1	61.5	
14		At 08:00 PM	63.1	61.4	62.3	
15		At 09:00 PM	61.3	59.4	60.4	
16		At 10:00 PM	62.8	60.3	61.6	
17		At 11:00 PM	64.9	62.3	63.6	
18		At 12:00 AM	63.9	61.8	62.9	
19		At 01:00 AM	61.8	59.4	60.6	
20		At 02:00 AM	65.2	63.2	64.2	70
21		At 03:00 AM	62.9	60.2	61.6	
22		At 04:00 AM	63.2	61.4	62.3	
23		At 05:00 AM	62.7	60.9	61.8	
24		At 06:00 AM	61.9	59.2	60.6	

INFERENCE

As per KSPCB Standards Report Status :- The Noise level for the all locations is within the limits

Analysed by



Authorized Signatory **B.Chinna Lingana Gouda** Chief executive of the laboratory

Note: 1. The results listed only to the tested samples & applicable parameters.

2. Water, Pollution & Environment & Food samples will be discarded after 10 days. Ores and minerals Filter papers & Thimbles will be discarded in 3 months from the date of issue of test reports. unless otherwise specified. ILC samples will be discarded after 1 month from the date of test reports.

3. This report is not to be reproduced wholly or in part & cannot be used as evidence in the court of law & should not be used in any advertising media without our special permission in writing.

4. Total liability of our laboratory is limited to the invoice amount. Any dispute arising out of this report is subject to Bellary jurisdiction only.

5. Sampling is not done by us unless otherwise specifiec.



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MSVAL/AN/RF/01/00

- AMBIENT NOISE LEVEL MONITORING REPORT 1. Name of the industry M/s. Shilpa Pharma Life Sciences Limited unit-2, Plot No. 33, 33A, 40-47, Raichur Industrial Growth Center, Chicksugur village, Raichur. 2. Sample Collected By MSV Analytical Laboratories, Bellary Particulars of Sample Collected 3. Noise meter 4. **Date of Monitoring** 22.04.2024 : Report Issue Date 27.04.2024 :
- 5.
- Method Adopted 6.
- IS 9989: 2020 -

Discipline: Chemical **Group: Atmospheric Pollution** Sub Group: Ambient Noise ULR No: TC407124000009556F

				Rest	ilts	
S.No	Sample Location	Time Frequency	Maximum in dB(A) Leq	Minimum in dB(A) Leq	Avg. in dB(A) Leq	Permissible limits in dB(A) Leq
1		At 07:00 AM	59.1	57.4	58.3	1
2		At 08:00 AM	58.1	56.3	57.2	
3		At 09:00 AM	61.4	59.3	60.4	-
4		At 10:00 AM	60.8	58.3	59.6	-
5		At 11:00 AM	57.9	55.1	56.5	
6		At 12:00 PM	56.7	54.2	55.5	
7		At 01:00 PM	55.3	53.8	54.6	75
8		At 02:00 PM	54.2	52.2	53.2	
9	Near Main Gate	At 03:00 PM	55.4	53.9	54.7	
10	itear main date	At 04:00 PM	56.9	54.2	55.6	
11		At 05:00 PM	61.4	59.2	60.3	
12		At 06:00 PM	62.9	60.1	61.5	
13		At 07:00 PM	60.4	58.9	59.7	
14		At 08:00 PM	61.7	59.4	60.6	
15		At 09:00 PM	60.8	58.7	59.8	
16		At 10:00 PM	63.2	61.4	62.3	
17		At 11:00 PM	61.8	59.4	60.6	
18		At 12:00 AM	60.3	58.7	59.5	
19		At 01:00 AM	64.2	62.3	63.3	
20		At 02:00 AM	61.9	59.4	60.7	70
21		At 03:00 AM	60.2	58.1	59.2	,,,
22		At 04:00 AM	68.9	56.7	62.8	
23]	At 05:00 AM	66.2	62.9	64.6	
24		At 06:00 AM	60.1	58.1	59.1	

As per KSPCB Standards INFERENCE

Report Status :- The Noise level for the all locations is within the limits

Analysed by



Authorized Signatory B.Chinna Lingana Gouda Chief executive of the laboratory

- Note: 1 The results listed only to the tested samples & applicable parameters
 - 2. Water. Pollution & Environment & Food samples will be discarded after 10 days. Ores and minerals Filter papers & Thimbles will be discarded in 3 months from the date of issue of test reports. unless otherwise specified. ILC samples will be discarded after 1 month from the date of test reports-
 - 3. This report is not to be reproduced wholly or in part & cannot be used as evidence in the court of law & should not be used in any advertising media without our special permission in writing. 4- Total liability of our laboratory is limited to the invoice amount. Any dispute arising out of this report is subject to Bellary jurisdiction only.
 - 5. Sampling is not done by us unless otherwise specified.



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MSVAL/AN/RF/01/00

AMBIENT NOISE LEVEL MONITORING REPORT

1. Name of the industry

- M/s. Shilpa Pharma Life Sciences Limited unit-2, Plot No. 33, 33A, 40-47, Raichur Industrial Growth Center,
- Chicksugur village, Raichur. MSV Analytical Laboratories, Bellary
- Sample Collected By
 Particulars of Sample Collected
- MSV Analytic
 Noise meter

5

- g interceu
- Date of Monitoring
 Report Issue Date
- 5. Report Issue Dat 6. Method Adopted
- 22.04.2024 27.04.2024
- Adopted (\$ 9989: 2020

Discipline: Chemical Group: Atmospheric Pollution Sub Group: Ambient Noise ULR No: TC407124000009557F

			Results				
.No	Sample Location	Time Frequency	Maximum in dB(A) [.] Leq	Minimum in dB(A) Leq	Avg. in dB(A) Leq	Permissible limits in dB(A) Leq	
1		At 07:00 AM	59.1	57.4	58.3		
2		At 08:00 AM	58.1	56.3	57.2		
3		At 09:00 AM	61.4	59.3	60.4		
4		At 10:00 AM	60.8	58.3	59.6		
5		At 11:00 AM	57.9	55.1	56.5		
6		At 12:00 PM	56.7	54.2	55.5		
7		At 01:00 PM	55.3	53.8	54.6	75	
8		At 02:00 PM	54.2	52.2	53.2		
9	Near	At 03:00 PM	55.4	53.9	54.7]	
10	Administration	At 04:00 PM	56.9	54.2	55.6		
11	Office	At 05:00 PM	61.4	59.2	60.3		
12		At 06:00 PM	62.9	60.1	• 61.5		
13		At 07:00 PM	60.4	58.9	59.7		
14		At 08:00 PM	61.7	59.4	60.6		
15		At 09:00 PM	60.8	58.2	59.5		
16		At 10:00 PM	63.2	61.4	62.3		
17		At 11:00 PM	61.8	59.4	60.6		
18		At 12:00 AM	60.3	58.7	59.5		
19		At 01:00 AM	69.2	62.3	65.8		
20		At 02:00 AM	61.9	59.4	60.7	70	
21	-	At 03:00 AM	60.2	58.1	59.2	,,,	
22		At 04:00 AM	58.9	56.7	57.8		
23		At 05:00 AM	64.2	62.9	63.6		
24		At 06:00 AM	60.1	58.1	59.1		

Analysed by



Authorized Signator Le-- C B.Chinna Lingana Gouda Chief executive of the laboratory

Note: 1. The results listed only to the tested samples & applicable parameters.

2. Water, Pollution & Environment & Food samples will be discarded after 10 days. Ores and minerals Filter papers & Thimbles will be discarded in 3 months from the date of issue of test reports. unless otherwise specified. ILC samples will be discarded after 1 month from the date of test reports.

3. This report is not to be reproduced wholly or in part & cannot be used as evidence in the court of taw & should not be used in any advertising media without our special permission in writing. 4. Total liability of our laboratory is limited to the invoice amount. Any dispute arising out of this report is subject to Bellary jurisdiction only

5. Sampling is not done by us unless otherwise specified.

Annexure-V Hazardous Waste Authorization Copy

	Form 2 -[Rule 6(2)] Authorization under Hazardous & Other Wastes [Management & Transboundary Movement]Rules,2016		Karnataka State Pollution Control Board Parisara Bhavana, No.49, Church Street, Bengaluru-560001 Tele : 080-25589112/3, 25581383 Fax:080-25586321		
	Authorization No: 32881	1/		pcb.gov.in	
	Valid upto: 30/06	/2026			
This document con	ntains 4 pages excluding	annexure)			
thorization No:	328814	PCB ID: 2	8295	Date:	21/12/2021
CONTROL BOA AND OPERATO	ANT OR RENEWAL O ARD TO THE OCCUPI DRS OF DISPOSAL FAC	ERS, RECYCLERS, R CILITIES	EPROC	ESSORS, I	REUSERS, USER
tef: 1. Authoriza Regional C	ation application submitte Office.	ed by the industry/organ	ization o	n 05/10/20	J21 at
	n of the project site/orgar ngs of CCM dated: , held		icer, Ra	ichur on 05	/10/2021
. Number of authoria	orization 328814 and date	e of issue 21/12/2021			
2. Reference of ap 3. Managing direct hereby granted an	plication No. 21136 Inwa tor of Shilpa Medicare Lt authorization based on th	ard Date 05/10/2021 ad 100% EouPlot no 33,3 ae enclosed signed inspec	tion repo	ort for	
2. Reference of ap 3. Managing direct hereby granted an Generation,Collect situated at the loca Industrial Area : Details of Author: Category of Haza waste as per the Schedule I,II & IV	plication No. 21136 Inwa tor of Shilpa Medicare Lt authorization based on th tion,Reception or any oth ation Address: Plot no 30 Chiksugur, Taluk : Rai ization: rdous Description of Hazardous Wast	ard Date 05/10/2021 ad 100% EouPlot no 33,3 be enclosed signed inspect er use of hazardous or of b, 31, 32 and 35-39, 33,32 bichur, District : Raichur Quantity/Annum	tion repo her wast A, 40 T	ort for tes or both o O 47, Raic Author Dispos utilizat	on the premises
2. Reference of ap 3. Managing direct hereby granted an Generation,Collect situated at the loca Industrial Area : Details of Author Category of Haza waste as per the	plication No. 21136 Inwa tor of Shilpa Medicare Lt authorization based on th tion,Reception or any oth ation Address: Plot no 30 Chiksugur, Taluk : Rai ization: rdous Description of Hazardous Wast	ard Date 05/10/2021 ad 100% EouPlot no 33,3 be enclosed signed inspect er use of hazardous or of b, 31, 32 and 35-39, 33,32 bichur, District : Raichur Quantity/Annum	tion repo her wast A, 40 T Unit	Author Dispos utilizat etc.,	on the premises chur Growth Centre rized Mode of sal or recycling or
2. Reference of ap 3. Managing direct hereby granted an Generation,Collect situated at the loca Industrial Area : Details of Author Category of Haza waste as per the Schedule I,II & IV	plication No. 21136 Inwa tor of Shilpa Medicare Lt authorization based on th tion,Reception or any oth tion Address: Plot no 30 Chiksugur, Taluk : Rai ization: rdous Description of Hazardous Wast V of 28.5~Date-expired	ard Date 05/10/2021 ad 100% EouPlot no 33,3 be enclosed signed inspecter use of hazardous or of a, 31, 32 and 35-39, 33,32 bichur, District : Raichur te Quantity/Annum te 1.000	tion repo her wast GA, 40 T Unit M.T	Author Dispos utilizat etc.,	on the premises shur Growth Centre rized Mode of sal or recycling or tion or co-processing,
2. Reference of ap 3. Managing direct hereby granted an Generation,Collect situated at the loca Industrial Area : Details of Author: Category of Haza waste as per the Schedule I,II & IV	plication No. 21136 Inwa tor of Shilpa Medicare Lt authorization based on th tion,Reception or any oth tion Address: Plot no 30 Chiksugur, Taluk : Rai ization: rdous Description of Hazardous Wast V of 28.5~Date-expired products	ard Date 05/10/2021 ad 100% EouPlot no 33,3 be enclosed signed inspecter use of hazardous or of b, 31, 32 and 35-39, 33,32 bichur , District : Raichur Quantity/Annum te 1.000 1 3.000	tion repo her wast GA, 40 T Unit M.T KLT	Author Dispos utilizat etc., As Per J	on the premises chur Growth Centre rized Mode of cal or recycling or tion or co-processing, Annexure
2. Reference of ap 3. Managing direct hereby granted an Generation,Collect situated at the loca Industrial Area : Details of Author Category of Haza waste as per the Schedule I,II & IV	plication No. 21136 Inwa tor of Shilpa Medicare Lt authorization based on th tion,Reception or any oth tion Address: Plot no 30 Chiksugur, Taluk : Rai ization: rdous Description of Hazardous Wast V of 28.5~Date-expired products 5.1~Used Spent Oi	ard Date 05/10/2021 ad 100% EouPlot no 33,3 be enclosed signed inspecter use of hazardous or of b, 31, 32 and 35-39, 33,32 bichur , District : Raichur Quantity/Annum te 1.000 1 3.000	tion repo her wast GA, 40 T Unit M.T KLT M.T	Author Dispos utilizat etc., As Per A As Per A	on the premises chur Growth Centre rized Mode of cal or recycling or tion or co-processing, Annexure Annexure

	Form 2 -[Rule 6(2)] Authorization under Hazardous & Other Wastes [Management & Transboundary Movement]Rules,2016 Authorization No: 328814 Valid upto: 30/06/2026		Pollution Control Board a,No.49, Church i-560001 112/3, 25581383 21 peb.gov.in				
(This document	-)					
	28.2~Spent catalyst	, 11.800 KLT	As Per Annexure				
1	28.6~ Spent solvents	623.288 M.T	As Per Annexure				
1	33.1~Empty barrels/containers/liner s contaminated with hazardous chemicals /wastes	60.000 M.T	As Per Annexure				
3	35.3~Chemical Sludge From Waste Water Treatment	1112.857 M.T	As Per Annexure				
1. The authoriz	ation shall be valid for a period upto	30/06/2026					
A Conoral Co	nditions of authorization:						
		visions of the Environme	ent (Protection) Act. 1986 and the				
1. The authorized person shall comply with the provisions of the Environment (Protection) Act, 1986 and the Rules made there under.							
	zation or its renewal shall be produced ka State Pollution Control Board.	l for inspection at the rea	quest of an Officer authorized by				
3. The person authorized shall not rent, lend, sell, transfer or otherwise transport the hazardous wastes and other wastes except what is permitted through this authorization and without obtaining prior permission of the KSPCB.							
4. Any unauthorized change in personnel, equipment or working conditions as mentioned in the application by the person authorized shall constitute a breach of this authorization.							
5. The person authorized shall implement Emergency Response Procedure (ERP) for which this authorization is being granted considering all site specific possible scenarios such as spillages, leakages, fire etc. and their possible impacts and also carry out mock drill in this regard at regular interval of time.							
6. The person authorized shall comply with the provisions outlined in the Central Pollution Control Board guidelines on "Implementing Liabilities for Environmental Damages due to Handling and Disposal of Hazardous Waste and Penalty".							
7. It is the duty of the authorized person to take prior permission of the Karnataka State Pollution Control Board to close down the facility.							
8. The imported hazardous and other wastes shall be fully insured for transit as well as for any accidental occurrence and its clean-up operation.							
	wardno46612 /2021	Printed through XGN	CHIEF/SENIOR ENVIRONMENTAL OFFICER				



Form 2 -[Rule 6(2)] Authorization under Hazardous & Other Wastes [Management & Transboundary Movement]Rules,2016 Authorization No: 328814

Valid upto: 30/06/2026

Karnataka State Pollution Control Board Parisara Bhavana, No.49, Church Street, Bengaluru-560001 Tele: 080-25589112/3, 25581383 Fax:080-25586321 email id: ho@kspcb.gov.in

(This document contains 4 pages excluding annexure)

9. The importer or exporter shall bear the cost of import or export and mitigation of damages if any.

- 10. Any other conditions for compliance as per the Guidelines issued by the Ministry of Environment, Forest and Climate Change or Central Pollution Control Board from time to time.
- 11. An application for the renewal of an authorization shall be made '3' months before the date of expiry.
- 12. The Person authorized shall bring to the notice of the Board, if any increase in quantity, change in category and handling operation. In such cases, the authorized Person has to obtain fresh authorization.
- 13. Karnataka State Pollution Control Board reserves the right to review, impose additional condition or conditions, revoke, change or alter the terms and conditions of this authorization or to suspend or cancel this authorization.
- 14. The Person authorized shall take steps for reduction and prevention of the waste generated or for recycling or reuse.
- 15. The authorized person shall maintain the records at site in Form-3 and shall submit the annual returns in Form-4 within 30th June every year for the Period April to March and manifest in Form-10.
- 16. The record of consumption and fate of the imported hazardous and other wastes shall be maintained.
- 17. The hazardous and other waste which gets generated during recycling or reuse or recovery or perprocessing or utilization of imported hazardous or other wastes shall be treated and disposed of as per specific conditions of authorization.
- 18. The transportation of hazardous waste shall have to be carried out only through registered/authorized vehicles meant for transportation of hazardous waste.
- 19. The Person Authorized shall not store the Hazardous Waste more than ninety days as per Rule 8 (1).
- 20. The Person Authorized shall transport and store the raw materials in a manner so as not to cause any damage to environment, life and property. The applicant shall be solely responsible for any damages to environment.
- 21. Display Boards: The person authorized shall display sign boards at the storage site as "Hazardous Waste Storage Site" and "Danger" and the site shall be provided with accident preventive measures.

Additional Conditions:

1. The list of waste categories and quantities mentioned in Annexure attached as additional document with this authorization shall only be considered as authorized waste category and quantity.

			For and on behalf of the Karnataka State Pollution Control Board		
Page-3	e_outwardno46612 21/12/2021	Printed through XGN	CHIEF/SENIOR ENVIRONMENTAL OFFICER		



Form 2 -[Rule 6(2)] Authorization under Hazardous & Other Wastes [Management & Transboundary Movement]Rules,2016 Authorization No: 328814

Valid upto: 30/06/2026

pages excluding annexure)

Karnataka State Pollution Control Board Parisara Bhavana, No.49, Church Street, Bengaluru-560001 Tele: 080-25589112/3, 25581383 Fax:080-25586321 email id: ho@ kspcb.gov.in

CHIEF/ SENIOR ENVIRONMENTAL OFFICER

COPY TO:

(This document contains 4

The Environmental Officer, KSPCB, Regional Office, for information and to inspect the industry during your next visit to the area.
 Master copy (Dispatch).
 Office copy.

Validity unk own Digitally signe Date: 2021. 2:18:53 +05:30
Annexure-VI Environment Cell Data

Shilpa Pharma Lifesciences Ltd Unit-2

5

Environment management Cell



Annexure-VII Form-V Environment Statement Submission Acknowledgement

Shilpa Pharma Lifesciences Limited

(Unit-2: 100% Export Oriented Unit) Plot No: 33, 33A & 40-47, Raichur Industrial Growth Centre, Chicksugur-584 134, Raichur District, Karnataka State, India.

CIN: U24100KA2020PLC134081

SPL/100%EOU/EHS/059/2023-24

Date: 25.05.2024

To, Office of the Regional Office Karnataka State Pollution Control Board, Building at Shed No. C-03, KSSIDC Industrial Estate,3rd Cross, Hydrabad Road,Raichur – 584-102.

Respected Sir,

Sub:Submission of Environmental Statement Form-V-reg

With reference to the above subject, please find enclosed herewith environmental statement form-V for the financial year ending 31st March 2024 in duplicate.

List of Annexures:-

	Annexure – I	2	Process Water consumption of Batch wise of Product copy
2.	Annexure – II	8	Raw material consumption details.
3.	Annexure – III	2	Treated Water Analysis Reports.
40	Annexure – IV	3	Environment monitoring of ambient air Quality and stacks Analysis Reports.
5.	Annexure – V	4	Hazardous Waste Disposal Quantities copy.
6.	Annexure – Vl	3	Category wise Hazardous Waste disposing methods.
7.	Annexure – VII	18. 	Impact of pollution control measures on conservation of natural
			resources copy.
8.	Annexure – VIII	\ ?	Additional measures/investment proposal for environmental protection
			including abatement of pollution
9.	Annexure – IX	1	Solvent Recovery System.
	Annexure – X	01	Environment Management System Certificate - ISO 14000:2015.
1.4			

Kindly acknowledge the receipt of the same and do the needful.

Thanking you.

Yours faithfully,

For Shilpa Pharma Lifesciences Limited 100% EOU.





Corporate & Asian office: "Shilpa House', #12-6-214/A-1, Hyderabad Road, Raichur-584 135, Karnataka, India Tel: +91-8532-238704, Fax: +91-8532-238876, Email: info@vbshilpa.com, Web: www.vbshilpa.com

Shilpa Pharma Lifesciences Limited

(Unit-2: 100% Export Oriented Unit)

Plot No: 33, 33A & 40-47, Raichur Industrial Growth Centre, Chicksugur-584 134, Raichur District, Karnataka State, India.

CIN: U24100KA2020PLC134081

CC to:

- 1. The Member secretary, Karnataka state pollution control board. Parisara Bhavan, #49,4th & 5th Floor, Church Street, Bengaluru, Karnataka 560001.(By Mail)
- 2. The Principal secretary, Department of forest, Ecology & Environment Government of Karnataka. Room No: 404, 4th floor, II nd stage, Multi Storied Building, Bangalore-560 001 (By Mail)
- 3. Principal Chief Conservator of Forests (HoFF), Karnataka Forest Department, Govt. of Karnataka, Aranya Bhawan, 18th Cross, Malleshwaram, Bangalore, (Karnataka) 560 003 (By Mail)

Annexure-VIII Air Pollution Control System Details

Air Pollution Controlling Equipments

Scrubber details

Scrubber systems are a diverse group of air pollution control devices that can be used to remove particulates and/or gases from industrial exhaust streams. Traditionally, the term "scrubber" has reference to pollution control devices that used liquid to "scrub" unwanted pollutants from a gas stream. Recently, the term is also used to describe systems that inject a dry reagent or slurry into a dirty exhaust stream to "scrub out" acid gases. Scrubbers are one of the primary devices that control gaseous emissions, especially acid gases.

Wet scrubber is a form of pollution control technology in which the polluted gas stream is brought into contact with the scrubbing liquid by spraying it with the liquid, by forcing it through a pool of liquid, or by some other contact method, so as to remove the pollutants.

The design of wet scrubbers or any air pollution control device depends on the industrial process conditions and the nature of the air pollutants involved. Inlet gas characteristics and dust properties (if particles are present) are of primary importance. Scrubbers can be designed to collect particulate matter and/or gaseous pollutants. Wet scrubbers remove dust particles by capturing them in liquid droplets; remove pollutant gases by dissolving or absorbing them into the liquid.

Any droplets that are in the scrubber inlet gas must be separated from the outlet gas stream by means of another device referred to as a mist eliminator or entrainment separator (these terms are interchangeable). Also, the resultant scrubbing liquid must be treated prior to any ultimate discharge or before being reused in the plant.

There are numerous configurations of scrubbers and scrubbing systems, all designed to provide good contact between the liquid and polluted gas stream.

The process and solvent recovery sections are provided with scrubber to scrub the fumes and vapors generated in order to remove such emissions before it is let out into the atmosphere.

Scrubber Details:

1) Scrubbing system for C block intermediate reactors

Туре	:	Single Stage Counter Flow Packed Bed
Dia	:	1250 mm
Height	:	4000 mm
MOC	:	PP/FRP
PP	:	5 mm
FRP	:	7 mm with Isopthalic Resin
Packing	:	Polypropylene Pal Rings
Size	:	40 mm dia x 40 mm height
Filter Plate	:	PP Perforated - 15 mm thick

	Spray	:	Polypropylene Jet Spray System	
b) Blower:			-	
	Туре	:	Backward Curve SISW	
	Casing	:	PP/FRP with Isopthalic Resin	
	Impeller	:	MS/FRP with Bisphenol Resin	
	Capacity	:	18000 CMH	
	Stat. Pressure	:	150 mmwg	
	Motor	:	20 HP FLP – 1440 RPM	
	Make	:	Kirloskar or CG	
	Drive	:	Belt	
c) Ducting Det	ails:			
, 0	MOC	:	PP/FRP	
	Sizes	:	250, 350, 450 & 700 mm dia	
	Ducting includes Straig	ght lengt	hs, Elbows, T-sections & Reducers	
d) Liquid Circ	ulation Tank:			
	Capacity	:	3 K L	
	PP	:	5 mm	
	FRP	:	7 mm with Isopthalic Resin	
	• Cylindrical, ve	rtical, fl	at bottom & conical top	
 External MS/FRP Reinforcement 				
	 Necessary Noz 	zles & N	Manhole	
e) Pump:	-			
	Make	:	Antico	
	Model	:	130 CT	
	Drive Motor	:	3 HP – 2900 RPM FLP	
f) Liquid Circ	ulation Lines:			
	MOC	:	HDPE	
	Sizes	:	Variable from 40 mm dia to 75 mm dia	
g) MS Suppor	t Structure for Scrubb	er with	Anti Corrosive Coating:	

2) Scrubbing System for Pharma Block Centrifuges:

CSSR-15& CGLR-14, CSSANFD-02

Ducting from Each Reactor from Ist floor& from CSSANFD Ground Floor. Ducting, Scrubber, Blower, MS structure & pump.

System for Centrifuges:

• CSSCF-01, CSSCF-02, CSSCF-03, CSSCF-04, RCVD-01, RCVD-02, ANFD-01,

• a) Scrubber Details:		
Туре	:	Single Stage Counter Flow Packed Bed
Dia	:	700 mm
Height	:	4000 mm
MOC	:	PP/FRP
PP	:	5 mm
FRP	:	4 mm with Isopthalic Resin
Packing	:	Polypropylene Pal Rings.
Size	:	40 mm dia x 40 mm height.
Filter Plate	:	PP Perforated - 15 mm thick.
Spray	:	Polypropylene Jet Spray System.
b) Blower:		
Туре	:	Backward Curve SISW

Casing	:	PP/FRP with Isopthalic Resin			
Impeller	:	MS/FRP with Bisphenol Resin			
Capacity	:	5500 CMH			
Stat. Pressure	:	150 mmwg			
Motor	:	7.5 HP FLP – 1440 RPM			
Make	:	Kirloskar or CG			
Drive	:	Belt			
c) Ducting Details:					
M O C	:	PP/FRP			
Sizes	:	200, 275 & 375 mm dia			
Ducting includes Strai	ight leng	ths, Elbows, T-sections & Reducers			
d) Liquid Circulation Tank:					
Capacity	:	2 K L			
PP	:	5 mm			
FRP	:	6 mm with Isopthalic Resin			
• Cylindrical, v	ertical, f	lat bottom & conical top			
• External MS/I					
Necessary No	zzles &	Manhole			
e) Pump:					
Make	:	Antico			
Model	:	120 CT			
Drive Motor	:	2 HP – 2900 RPM FLP			
f) Liquid Circulation Lines:					
MOC	:	HDPE			
Sizes	:	Variable from 40 mm dia to 63 mm dia			
g) MS Support Structure for	Scrubb	er with Anti Corrosive Coating:			
8) II		8			
3). Wet Scrubbing System at Produc	ction Blo	$\mathbf{bck} - \mathbf{D}$:			
Equipments Connected to the System:					
 DSSR-04, DSSR-05, , DGLR-01, DGLR-02, DGLR-03, DGLR-06, DGLR-07, DSSRF- 					
		SSVTD-01, DSSVTD02, DSSVTD-03, Isolator & 3 spare			
points					
a) Scrubber Details:					
Туре	:	Single Stage Counter Flow Packed Bed			
Dia	:	1100 mm			
Height	:	4000 mm			
MÕC	:	PP/FRP			
PP	:	5 mm			

	IVI U U	•	ΓΓ/ΓΚΓ
	PP		5 mm
	FRP	:	7 mm with Isopthalic Resin
	Packing	:	Polypropylene Pal Rings
	Size	:	40 mm dia x 40 mm height
	Filter Plate	:	PP Perforated - 15 mm thick
	Spray	:	Polypropylene Jet Spray System
b) Blo	ower:		
	Туре	:	Backward Curve SISW
	Casing	:	PP/FRP with Isopthalic Resin
	Impeller	:	MS/FRP with Bisphenol Resin
	Capacity	:	13000 CMH
	Stat.Pressure	:	150 mmwg

Motor	:	15 HP FLP – 1440 RPM		
Make	:	Kirloskar or CG		
Drive	:	Belt		
c) Ducting Details:				
MOC	:	PP/FRP		
Sizes	:	150, 200, 225, 250, 450, 500 & 600 mm dia		
Ducting includes Str	aight leng	gths, Elbows, T-sections & Reducers		
d) Liquid Circulation Tank				
Capacity	:	3 K L		
PP	:	5 mm		
FRP	:	7 mm with Isopthalic Resin		
• Cylindrical,	vertical, t	flat bottom & conical top		
External MS				
Necessary Nozzles & Manhole				
e) Pump:				
Make	:	Antico		
Model	:	130 CT		
Drive Motor	:	2 HP – 2900 RPM FLP		
f) Liquid Circulation Lines	•			
MOC	:	HDPE		
Sizes	:	Variable from 40 mm dia to 75 mm dia		
g) MS Support Structure for	or Scrubb	per with Anti Corrosive Coating:		

4) Scrubbing System for Pharma Area:

DGLR-08, DSSR-09 in first Floor& ANFD Isolator In Ground floor must given with separate scrubber &Ducting

ung			
a) Scru	ibber Details:		
	Туре	:	Single Stage Counter Flow Packed Bed
	Dia	:	1100 mm
	Height	:	4000 mm
	MOC	:	PP/FRP
	PP	:	5 mm
	FRP	:	7 mm with Isopthalic Resin
	Packing	:	Polypropylene Pal Rings
	Size	:	40 mm dia x 40 mm height
	Filter Plate	:	PP Perforated - 15 mm thick
	Spray	:	Polypropylene Jet Spray System
b) Blower:			
	Туре	:	Backward Curve SISW
	Casing	:	PP/FRP with Isopthalic Resin
	Impeller	:	MS/FRP with Bisphenol Resin
	Capacity	:	13000 CMH
	Stat.Pressure	:	150 mmwg
	Motor	:	15 HP FLP – 1440 RPM
	Make	:	Kirloskar or CG
	Drive	:	Belt
c) Duc	ting Details:		
	MOC	:	PP/FRP
	Sizes	:	150, 200, 225, 250, 450, 500 & 600 mm dia

Ducting includes Straight lengths, Elbows, T-sections & Reducers d) Liquid Circulation Tank:

Capacity	:	3 K L			
PP	:	5 mm			
FRP	:	7 mm with Isopthalic Resin			
Cylindrical	, vertical,	flat bottom & conical top			
• External MS/FRP Reinforcement					
Necessary Nozzles & Manhole					
e) Pump:					
Make	:	Antico			
Model	:	130 CT			
Drive Motor	:	2 HP – 2900 RPM FLP			
f) Liquid Circulation Lines:					
MOC	:	HDPE			
Sizes	:	Variable from 40 mm dia to 75 mm dia			
g) MS Support Structure for Scrubber with Anti Corrosive Coating:					

5). Wet Scrubbing System at Production Block – E:

System for Reactors:

• ESSR-01, ESSR-02, ESSR-03, ESSR-04, ESSR-08, ESSR-10, ESSR-11, ESSR-12, ESSR-14, EGLR-05, EGLR-06, EGLR-07, EGLR-09 & EGLR-13

a) Scrubber Details:

Туре	:	Single Stage		
		Counter Flow Packed Bed		
Dia	:	1200 mm		
Height	:	4000 mm		
MOC	:	PP/FRP		
PP	:	5 mm		
FRP	:	7 mm with Isopthalic Resin		
Packing	:	Polypropylene Pal Rings		
Size	:	40 mm dia x 40 mm height		
Filter Plate	:	PP Perforated - 15 mm thick		
Spray	:	Polypropylene Jet Spray System		
b) Blower:				
Туре	:	Backward Curve SISW		
Casing	:	PP/FRP with Isopthalic Resin		
Impeller	:	MS/FRP with Bisphenol Resin		
Capacity	:	17000 CMH		
Stat.Pressure	:	150 mmwg		
Motor	:	20 HP FLP – 1440 RPM		
Make	:	Kirloskar or CG		
Drive	:	Belt		
c) Ducting Details:				
MOC	:	PP/FRP		
Sizes	:	250, 350, 450 & 675 mm dia		
Ducting includes Straight lengths, Elbows, T-sections & Reducers				
d) Liquid Circulation Tank:				
Capacity	:	3 K L		
PP	:	5 mm		

FRP : 7 mm with Isopthalic Resin

- Cylindrical, vertical, flat bottom & conical top
 - External MS/FRP Reinforcement
 - Necessary Nozzles & Manhole

e) Pump:

Make	:	Antico
Model	:	130 CT
Drive Motor	:	3 HP – 2900 RPM FLP
f) Liquid Circulation Lines:		
MOC	:	HDPE
Sizes	:	Variable from 40 mm dia to 75 mm dia
Same and Street for Some hi	on with	Anti Convegive Conting

g) MS Support Structure for Scrubber with Anti Corrosive Coating:

6) Scrubbing System for Pharma Block reactors & Centrifuges:

EGLR-13 & ESSR-14, ESSCF-05.

Ducting from Each Reactors from Ist floor& from Ground Floor centrifuge .Ducting, Scrubber, Blower, MS structure

System for Centrifuges:

CSSCF-01, CSSCF-02, CSSCF-03, CSSCF-04, ESSRVCD-01, ESSRVCD-02, ESSTD01 & ESSANFD-01

:	Single Stage Counter Flow Packed Bed
:	750 mm
:	4000 mm
:	PP/FRP
:	5 mm
:	4 mm with Isopthalic Resin
:	Polypropylene Pal Rings
:	40 mm dia x 40 mm height
:	PP Perforated - 15 mm thick
:	Polypropylene Jet Spray System
:	Backward Curve SISW
:	PP/FRP with Isopthalic Resin
:	MS/FRP with Bisphenol Resin
:	6200 CMH
:	150 mmwg
:	7.5 HP FLP – 1440 RPM
:	Kirloskar or CG
:	Belt
:	PP/FRP
:	150, 200, 300 & 400 mm dia
ight len	gths, Elbows, T-sections & Reducers
:	2 K L
:	5 mm
:	6 mm with Isopthalic Resin
	: : : : : : : : : : : : : : : : : : :

- Cylindrical, vertical, flat bottom & conical top
- External MS/FRP Reinforcement
- Necessary Nozzles & Manhole

e) Pump:

Make	:	Antico
Model	:	120 CT
Drive Motor	:	2 HP – 2900 RPM FLP
f) Liquid Circulation Lines	3:	
MOC	:	HDPE
Sizes	:	Variable from 40 mm dia to 63 mm dia
g) MS Support Structure for Scrubber with Anti Corrosive Coating:		

7. Wet Scrubbing System at Production Block - H:

Equipments Connected to the System:

HSSR-01, HSSR-02, HSSR-03, HSSR-04, HSSR-05, HSSR-07, HGLR-06, HGLR-08, HGLR-10, HGLR-09, , HSSRF-01, HSSRF-02, HSSRF-03, HSSRF-04, VTD-01, VTD-02, VTD-03, ANFD & 3 SPARE POINTS

a) Scrubber Details:			
Туре	:	Single Stage Counter Flow Packed Bed	
Dia	:	1200 mm	
Height	:	4000 mm	
MOC	:	PP/FRP	
PP	:	5 mm	
FRP	:	7 mm with Isopthalic Resin	
Packing	:	Polypropylene Pal Rings	
Size	:	40 mm dia x 40 mm height	
Filter Plate	:	PP Perforated - 15 mm thick	
Spray	:	Polypropylene Jet Spray System	
b) Blower:			
Туре	:	Backward Curve SISW	
Casing	:	PP/FRP with Isopthalic Resin	
Impeller	:	MS/FRP with Bisphenol Resin	
Capacity	:	16000 CMH	
Stat.Pressure	:	150 mm wg	
Motor	:	17.5 HP FLP – 1440 RPM	
Make	:	Kirloskar or CG	
Drive	:	Belt	
c) Ducting Details:			
M O C	:	PP/FRP	
Size	:	200, 425, 475 & 650 mm dia	
Ducting includes Straight lengths, Elbows, T-sections & Reducers			
d) Liquid Circulation Tank:	-		
Capacity	:	3 K L	
PP	:	5 mm	
FRP	:	7 mm with Isopthalic Resin	
• Cylindrical, v			
• External MS/	-	•	
Necessary Nozzles & Manhole			
) D			

e) Pump:

Make	:	Antico
Model	:	130 CT
Drive Motor	:	3 HP – 2900 RPM FLP
f) Liquid Circulation Lines:		
MOC	:	HDPE
Sizes	:	Variable from 40 mm dia to 75 mm dia
g) MS Support Structure for	Scrubl	ber with Anti Corrosive Coating

8. Wet Scrubbing System at Production Block – H:

Equipments Connected to the System:

HGLR-11, HGLR-12, HGLR-13 in First Floor & ANFD isolator in Ground floor Must given Separately with ducting Blower.

a) Scrubber Details:

a) Scrubber Details:		
Туре	:	Single Stage Counter Flow Packed Bed
Dia	:	1200 mm
Height	:	4000 mm
MOC	:	PP/FRP
PP	:	5 mm
FRP	:	7 mm with Isopthalic Resin
Packing	:	Polypropylene Pal Rings
Size	:	40 mm dia x 40 mm height
Filter Plate	:	PP Perforated - 15 mm thick
Spray	:	Polypropylene Jet Spray System
b) Blower:		
Туре	:	Backward Curve SISW
Casing	•	PP/FRP with Isopthalic Resin
Impeller	:	MS/FRP with Bisphenol Resin
Capacity	:	16000 CMH
Stat.Pressure	:	150 mm wg
Motor	:	17.5 HP FLP – 1440 RPM
Make	:	Kirloskar or CG
Drive	:	Belt
c) Ducting Details:		
MOC	:	PP/FRP
Size	:	150, 200, 275, 300, 450, 550 & 650mm dia
Ducting includes Straight leng		ths, Elbows, T-sections & Reducers
d) Liquid Circulation Tank:	0 0	
Capacity	:	3 K L
PP	:	5 mm
FRP	:	7 mm with Isopthalic Resin
Cylindrical, ve	rtical. fl	at bottom & conical top
• External MS/F	,	
Necessary Noz		
e) Pump:		Multilote
Make		Antico
Model	•	130 CT
Drive Motor	•	3 HP – 2900 RPM FLP
f) Liquid Circulation Lines:	•	
MOC	:	HDPE
	•	

Sizes Variable from 40 mm dia to 75 mm dia : g) MS Support Structure for Scrubber with Anti Corrosive Coating

9. Wet Scrubbing System at Production Block – I : **Equipments Connected to the System:**

IGLR-01, IGLR-02, IGLR-03, IGLR-04, IGLR-05, IAGR-06, IGLR-09, IGLR-07, IGLR-08, IGLR-10, ISSRF-01, ESSRF-02, ISSRF-03, VTD-01, VTD-02, VTD-03, & 3 SPARE POINTS.

a) Scrubber Details:

a) Scrubber Deta	llis:	
Туре	:	Single Stage Counter Flow Packed Bed
Dia	:	1050 mm
Height	:	4000 mm
MOC	:	PP/FRP
PP	:	5 mm
FRP	:	7 mm with Isopthalic Resin
Packing	:	Polypropylene Pal Rings
Size	•	40 mm dia x 40 mm height
Filter Pla	ite :	PP Perforated - 15 mm thick
Spray	:	Polypropylene Jet Spray System
b) Blower:		
Туре	•	Backward Curve SISW
Casing	:	PP/FRP with Isopthalic Resin
Impeller	:	MS/FRP with Bisphenol Resin
Capacity	:	12500 CMH
Stat.Press	sure :	150 mmwg
Motor	:	15 HP FLP – 1440 RPM
Make	:	Kirloskar or CG
Drive	:	Belt
c) Ducting Detail	s:	
MOC	•	PP/FRP
Size	:	150, 225, 300, 450 & 600 mm dia
Ducting i	includes Straight lengt	hs, Elbows, T-sections & Reducers

d) Liquid Circulation Tank:

Capac	ity :	:	3 K L
PP	:	:	5 mm
FRP	:	:	7 mm with Isopthalic Resin
٠	Cylindrical, verti	ical, flat	t bottom & conical top

- External MS/FRP Reinforcement •
- Necessary Nozzles & Manhole

e) Pump:

-P-		
Make	:	Antico
Model	:	130 CT
Drive Motor	:	3 HP – 2900 RPM FLP
f) Liquid Circulation Line	es:	
MOC	:	HDPE
Sizes	:	Variable from 40 mm dia to 75 mm dia
g) MS Support Structure	for Scrubb	er with Anti Corrosive Coating:

g) MS Support Structure for Scrubber with Anti Corrosive Coating:

10. Scrubbing System For Pharma Area:

IGLR-11, IGLR-12 in First floor& &ANFD isolator in ground floor must be given with separate scrubber, ducting

ober, ducting		
crubber Details:		
Туре	:	Single Stage Counter Flow Packed Bed
Dia	:	1050 mm
Height	:	4000 mm
MOC	:	PP/FRP
PP	:	5 mm
FRP	:	7 mm with Isopthalic Resin
Packing	:	Polypropylene Pal Rings
Size	:	40 mm dia x 40 mm height
Filter Plate	:	PP Perforated - 15 mm thick
Spray	:	Polypropylene Jet Spray System
b) Blower:		
Туре	:	Backward Curve SISW
Casing	:	PP/FRP with Isopthalic Resin
Impeller	:	MS/FRP with Bisphenol Resin
Capacity	:	12500 CMH
Stat.Pressure	:	150 mmwg
Motor	:	15 HP FLP – 1440 RPM
Make	:	Kirloskar or CG
Drive	:	Belt
c) Ducting Details:		
MOC	:	PP/FRP
Size	:	150, 225, 300, 450 & 600 mm dia
Ducting includes Straig	ght lengt	hs, Elbows, T-sections & Reducers
d) Liquid Circulation Tank:		
Capacity	:	3 K L
PP	:	5 mm
FRP	:	7 mm with Isopthalic Resin
• Cylindrical, ver	rtical, fl	at bottom & conical top
• External MS/FI	,	*
 Necessary Noz. 		
e) Pump:		
Make	:	Antico
Model	:	130 CT
Drive Motor		3 HP – 2900 RPM FLP
f) Liquid Circulation Lines:	·	
MOC	•	HDPE
Sizes	•	Variable from 40 mm dia to 75 mm dia
	Seruhba	er with Anti Corrosive Coating:
6, mo support structure for c		a with faith Corrosive Coating.

11.Wet Scrubbing System at Production Block – AI:

Equipments Connected to the System:

AI/RE-01, AI/RE-02, AI/RE-03, AI/RE-04, AI/RE-05, AI/RE-06, AI/RE-07, AI/RE-08, AI/RE-09, AI/RE-10, AI/RE-11, AI/RE-11, AI/ISNF-01, AI/ISVTD-01, AI/IS-01, AI/PIS-01, AI/VTD-01, AI/VTD-02, AI/VTD-03, AI/VTD-04.

	a) Scrubber Details:		
	Туре	:	Single Stage Counter Flow Packed Bed
	Dia	:	1050 mm
	Height	:	4000 mm
	MOC	:	PP/FRP
	PP	:	5 mm
	FRP	:	7 mm with Isopthalic Resin
	Packing	:	Polypropylene Pal Rings
	Size	:	40 mm dia x 40 mm height
	Filter Plate	:	PP Perforated - 15 mm thick
	Spray	:	Polypropylene Jet Spray System
	b) Blower:		
	Туре	:	Backward Curve SISW
	Casing	:	PP/FRP with Isopthalic Resin
	Impeller	:	MS/FRP with Bisphenol Resin
	Capacity	:	12500 CMH
	Stat. Pressure	:	150 mmwg
	Motor	:	15 HP FLP – 1440 RPM
	Make	:	Kirloskar or CG
	Drive	:	Belt
	c) Ducting Details:		
	MOC	:	PP/FRP
	Size	:	150, 225, 300, 450 & 600 mm dia
	Ducting includes Strai	ght lengt	hs, Elbows, T-sections & Reducers
	d) Liquid Circulation Tank:	0 0	
	Capacity	:	3 K L
	PP	:	5 mm
	FRP	:	7 mm with Isopthalic Resin
	Cylindrical, ve	rtical, fla	at bottom & conical top
	• External MS/F		
	 Necessary Noz 	zles & N	Manhole
	e) Pump:		
	Make	:	Antico
	Model	:	130 CT
	Drive Motor		3 HP – 2900 RPM FLP
	f) Liquid Circulation Lines:		
	MOC	:	HDPE
	Sizes		Variable from 40 mm dia to 75 mm dia
		Scrubbe	r with Anti Corrosive Coating:
			5
11.We	t Scrubbing System at Prod	luction	Block – AJ:
Equipr	nents Connected to the System	n:	
AJ/RE-	01, AJ/RE-02, AJ/RE-03, AJ/R	E-04, AJ	/RE-05, AJ/RE-06.

a) Scrubber Details:

.

Туре	:	Single Stage Counter Flow Packed Bed
Dia	:	1050 mm
Height	:	4000 mm
MOC	:	PP/FRP
PP	:	5 mm

FRP	:	7 mm with Isopthalic Resin	
Packing	:	Polypropylene Pal Rings	
Size	:	40 mm dia x 40 mm height	
Filter Plate	:	PP Perforated - 15 mm thick	
Spray	:	Polypropylene Jet Spray System	
b) Blower:			
Туре	:	Backward Curve SISW	
Casing	:	PP/FRP with Isopthalic Resin	
Impeller	:	MS/FRP with Bisphenol Resin	
Capacity	:	12500 CMH	
Stat.Pressure	:	150 mmwg	
Motor	:	15 HP FLP – 1440 RPM	
Make	:	Kirloskar or CG	
Drive	:	Belt	
c) Ducting Details:			
MOC	:	PP/FRP	
Size	:	150, 225, 300, 450 & 600 mm dia	
Ducting includes Stra	aight len	gths, Elbows, T-sections & Reducers	
d) Liquid Circulation Tank:			
Capacity	:	3 K L	
PP	:	5 mm	
FRP	:	7 mm with Isopthalic Resin	
 Cylindrical, vertical, flat bottom & conical top 			
External MS/FRP Reinforcement			
Necessary Neces	Necessary Nozzles & Manhole		
e) Pump:			
Make	:	Antico	
Model	:	130 CT	
Drive Motor	:	3 HP – 2900 RPM FLP	
f) Liquid Circulation Lines:			
MOC	:	HDPE	
Sizes	:	Variable from 40 mm dia to 75 mm dia	
g) MS Support Structure for	r Scrub	ber with Anti Corrosive Coating:	

12. Ammonia Scrubbing System at Production Block – AO: Equipments Connected to the System: AO/RE-01, AO/RE-02, AO/RE-03, AO/RE-04, AO/RE-05, AO/RE-06.

a) Process Data for 300 NB SCH 20 X MS Column:

Normal Pressure-0.3 kg/cm2 (300 MM WC),Design Pressure-0.35 kg/cm2 (350 MM WC),Normal Temperature-50 Deg C,Design Temprature-100 Deg C,Dish Dimension = Top, Bottom Dish X 5 Thk X 10% Torispherical,Shell Dimension = 300 NB SCH 20 X 6.825 M Length,Sections-02 No's,Body Flange Gasket MOC : Teflon Envelope non metallic asbestos Free (TENMAF),

Body Flange MOC : MS as per ASME B16.5 Class150,

MOC - Shell = MS, MOC of Nozzle Pipe = MS, MOC of Nozzle Flanges = MS, MOC - Support = MS, MOC of bolts / nuts shall be hot dipped galvanized,

SA 193 Gr. B7 / SA 194 Gr. 2H, MOC (Contact Parts) = MS, MOC: Sight & Light Glass= MS,

Nozzles = As Per Drawing. Support = 2 No's, Lugs Supports in Each Section,

Joint Efficiency (Shell / Dish): 85% / 100 %,

Radiography (Shell/Dish): 10% / 100%,

External Painting = On MS Parts 2 Coats of Red Oxide Primer. Feed/Reflux pipe assembly, Support cleat fro packing support& other parts welded to shell

b) Blower:

Туре	:	Backward Curve 6 damper
Casing	:	PP/FRP with Isopthalic Resin
Impeller	:	MS/FRP with Bisphenol Resin
Capacity	:	200 CFW
Start .Pressure	:	300 mm wC
Motor	:	1 HP NFLP – 12880 RPM
Make	:	HMM
Drive	:	Direct
c) Ducting Details:		
MOC	:	PP/FRP
Size	:	150, 225, 300, 450 & 600 mm dia
Ducting includes St	raight ler	gths, Elbows, T-sections & Reducers
d) MS Support Structure fo	or Scrub	ber with Anti Corrosive Coating:

d) MS Support Structure for Scrubber with Anti Corrosive Coating:

Vertical Design 6 L Kcal Capacity Oil fired Thermic Fluid Heater:

Equipments Connected to the System:

AO/RE-01

Technical specifications:

MODEL	VRT-HT-06
HEAT OUTPUT [KCAL/H]	600000
THERMIC FLUID FLOW THROUGH THE	UNIT [L/H] 79000
TEMPERATURE AT HEATER OUTLET	345 ° C
THERMAL EFFICIENCY [%]	88
FUEL OIL CONSUMPTION AT MAX. OUTPUT [KG/H]	FO/LDO
- FURNACE OIL 9650 KCAL/KG NCV	70.65
- LDO OF 10200 KCAL/KG NCV	66.85
ELECTRICAL CONNECTED LOADS [KW]	
THERMIC FLUID PUMP MOTOR	22 KW
BLOWER MOTOR	3.7 KW
FUEL OIL PUMP	0.37 KW
ELECTRICAL OIL PRE HEATER	(3.0+3.0+3) KW

ELECTRIC SUPPLY	AC;3PHASE;415±5%V;50±3% HZ;4WIRE SYSTEM
APPROX. OVERALL SIZE [MM]	
LENGTH	2650
WIDTH	1650
HEIGHT	2520
APPROX. DRY WEIGHT [KG]	3100

a) Technical Comparison for Thermic Fluid Heater

Sr. No	Item Descri	ption			
1	Make	Maxima			
2	Model	VRT-HT-06			
3	Туре	Fully automatic, coil type, pressurized, Thermic fluid tube. Vertical Unit			
4	Heat output	600000 kcal/Hr			
5	Thermic fluid inlet temperature 0C	325 Deg C			
6	Thermic fluid outlet temperature 0C	340 Deg C			
7	Furnace oil consumption (kg/hr)	71 Kgs/Hr			
8	Thermal Efficiency	88%			
9	Overall dimensions including space for cleaning and maintenance (L X B X H), mm	L-2100 x W-2100 x H-2950 add another 3.0 mtr for coil removal			
10	Empty weight of the unit	3100 Kgs			
11	Operating weight of the unit	3397 Kgs			
12	Dimensions of coil (Dia X Length X no of turns)				
a	Quantity of Thermic fluid required	Coil Hold-up 297 Litrs			
b	Pressure Drop across Hot Oil Unit	20 MLC			
13	Expansion tank 3 KL				
a	Dimensions (L x B x H), mm	1900 x 1300 x 1300 mm			
b	MOC	IS 2062			
c	Empty weight (kg)	1296 Kgs			
d	Operating weight (kg)	4406 Kgs			

14	Thermic fluid storage tank or Dump Tank 5 KL			
a	Dimensions (L x B x H), mm	2500 x 1600 x 1850 mm		
b	МОС	IS 2062		
c	Empty weight (kg)	1719 Kgs		
d	Operating weight (kg)	6746 Kgs		
15	Furnace oil day tank 0.99 KL			
a	Dimensions (L x B x H), mm	1000 x 1000 x 990 mm		
b	MOC	IS 2062		
с	Empty weight (kg)	380 Kgs		
d	Operating weight (kg)	1370 Kgs		
16	Thermic fluid circulation pumps			
a	Capacity 79 M3/Hr			
b	Head	60 MLC		
с	Speed	2900 rpm		
d	BKW / Recommended motor	BKW - 18 / KW- 22KW		
e	MOC of casing	CI		
f	MOC of impeller	CI		
g	Shaft seal details	Mechnaical Seal		
h	Flushing plan details	Drain Point		
17	Thermic fluid filling pump			
a	Capacity	1000 LPH		

b	Head	50 MLC
с	Speed	1440 rpm
d	BKW / Recommended motor	BKW - 0.5 / KW- 0.75 KW
е	MOC of casing	CI/CS
f	MOC of impeller	EN (Gear + Shaft)
g	Shaft seal details	Mechnaical Seal
h	Flushing plan details	Drain Point
18	Blower	
a	Capacity	1800 M3/Hr
b	Head	400 mm Wc
С	BKW / Rec. motor (KW)	BKW - 3 / KW- 3.7 KW
19	Thermic fluid Drain pump Not Required	
a	Capacity	1000 LPH
b	Head	50 MLC
с	Speed	1440 rpm
d	BKW / Recommended motor	BKW - 0.5 / KW- 0.75 KW
e	MOC of casing	CI/CS
f	MOC of impeller	EN (Gear + Shaft)
g	Shaft seal details	Mechnaical Seal
h	Flushing plan details	Drain Point
20	Stack Details Customer Scope	

a	Diameter	350 mm
b	Height	30.5 Mtr
с	M.O.C.	IS 2062
d	Туре	Self Supported, as per IS 6533
е	Connected Electric load	22.22 KW
21	OIL PUMP Make	Prakash /Eqvt
a	Туре	Gear
b	Capacity	300 LPH
с	Head	300 mWC
d	BKW / Recommended motor BKW - 0.6 / KW- 0	
22	22 BURNER Make Maxima	
a	Туре	Pr. Jet Spill return
b	Capacity	0.8 MW
c	Modulation	Two stage





NEUTRALISATION TANK

NOTE: APPROXIMATE DUCT PIPE LENGTH 25.00 M

Mechanical dust collector / Multi cyclone

Capacity of boiler	2	8 Ton
Output gas flow	ŝ	24000 CMH
Type of fuel		Coal/husk
Temp of flue gases	:	180°C-220°C
Air quantity to be handled		24000 CMH
Pressure drop across the system		70-75 MMWG
Total no of cyclones	1	16 No.'s
Size of output pipe	ħ.	Φ150 mm
Thickness of cones	1	10 mm
Material of construction of cones		IS 210
Thickness of outer casing & hopper	1000 1000 1000	3.15 mm



LONGITUDINAL SECTION OF MULTICYCLONE FOR DUST COLLECTION

Annexure-XI Solvent Recovery System

SOLVENT RECOVERY SYSTEM

- > After the reaction is complete the solvents are recovered in a distillation unit.
- > The distillation unit has two condensers (shell and tube type).
- > The first condenser has cooling tower water, while the second condenser will have the chilled water at $0 2^0$ C as coolants.
- After the vapors are condensed, the condensate along with un-condensed vapors is passed through a trap which is cooled externally with chilled water.
- > The vents of condenser and receiver are connected to scrubber system.
- All the reaction vessels and centrifuges are connected to a common line. These fumes and exhausts are sucked by ID fan and scrubbed by alkali.
- The air after scrubbing is let out into the atmosphere and the scrubbed water is sent to ETP for further treatment.
- This wet scrubber absorbs acidic vapors, traces of solvents etc. and purified gas stream is let out into the atmosphere.

Typical solvent recovery system



Annexure-IX Treated Water Analysis Reports



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MSVAL/W/RF/01/00

ANALYSIS REPORT OF WATER QUALITY

1. Name and Address of Industry M/S. Shilpa Pharma Life Sciences Limited unit-2, Plot No. 33, 33A, 40-47, Raichur Industrial Growth Center, Chicksugur village, Raichur. 2. Sample Marked as **Effluent treated Water** 1 Sample Collected By 3. MSV Analytical Laboratories, Bellary. 2 4. Sample quantity Pet Bottle, 2 Liter. 1 Sample Description/condition 5. . Water/Good 6. Date of Sample Collection 21.09.2024 1 Date of sample receipt 23.09.2024 7. . 8. Sample Code 32497 : 9. Analysis Starting Date 30.09.2024 . 10. Analysis Completion Date 30.09.2024 : **Report Issue Date** 11. . 30.09.2024

Discipline: Chemical Group: Pollution & Environment Sub Group: Waste Water ULR No: TC407124000021169F

S.No	Parameters	Protocol	Unit	Result	KSPCB Standards
		Physical parameters			
1	Color	IS: 3025(Part-4)	Hazen	Light Brown	
2	Odor	IS : 3025(Part-5)		Unobjectionable	
3	pH @ 25⁰C	4500 H+ B APHA 23rdEdn: 2017		7.38	6.5-8.5
4	Turbidity	2530 B-APHA 23rd Edition :2017	NTU	0.72	
		Chemical parameters			
5	Total Suspended solids	2540 F APHA 23rd Edn : 2017	mg/L	8	100
6	Total Dissolved Solids	2540 C APHA 23rd Edn : 2017	mg/L	1140	2250
7	Oil & Grease	5520 D APHA 23 rd Edition :2017	mg/L	4	10
8	Bio-chemical Oxygen Demand (3 days at 27ºC)	IS 3025(Part-44): 2019	mg/L	18	30
9	Chemical Oxygen Demand	5230 B-APHA23rd Edn : 2017	mg/L	52	250

Analysed by

to



Authorized Signatory 9-Hanumanthaiah P **Technical Manager**

Note: 1. The results listed only to the tested samples & applicable parameters. 2. Water, Pollution & Environment & Food samples will discard after 10 days. Ores and minerals, Filter papers & Thimbles will discard 3 months from the date of issue of test certificate unless otherwise specified. ILC samples will be discard after 1 month from the date of test certificate issue.

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ANALYSIS REPORT OF WATER OUALITY

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Name and Address of Industry M/S. Shilpa Pharma Life Sciences Limited unit-2, 1. . Plot No. 33, 33A, 40-47, Raichur Industrial Growth Center, Chicksugur village, Raichur. Sample Marked as Effluent treated Water 2. 3. Sample Collected By MSV Analytical Laboratories, Bellary. 2 Sample quantity 4. : Pet Bottle, 2 Liter. Sample Description/condition Water/Good 5. . Date of Sample Collection 17.08.2024 6. . Date of sample receipt 7. 19.08.2024 8. Sample Code • 24953 Analysis Starting Date 9. 26.08.2024 10. Analysis Completion Date 26.08.2024 ÷ 11. Report Issue Date 27.08.2024 .

Discipline: Chemical Group: Pollution & Environment Sub Group: Waste Water ULR No: TC407124000016401F

S.No	Parameters	Protocol	Unit	Result	KSPCB Standards
		Physical parameters			
1	Color	IS : 3025(Part-4)	Hazen	Light Brown	
2	Odor	IS : 3025(Part-5)		Unobjectionable	
3	pH@25⁰C	4500 H+ B APHA 23rdEdn: 2017		7.22	6.5-8.5
4	Turbidity	2530 B-APHA 23rd Edition :2017	NTU	2.04	
		Chemical parameters			
5	Total Suspended solids	2540 F APHA 23rd Edn : 2017	mg/L	20	100
6	Total Dissolved Solids	2540 C APHA 23rd Edn: 2017	mg/L	1356	2250
7	Oil & Grease	5520 D APHA 23rd Edition :2017	mg/L	6	10
8	Bio-chemical Oxygen Demand (3 days at 27ºC)	IS 3025(Part-44): 2019	mg/L	26	30
9	Chemical Oxygen Demand	5230 B-APHA23rd Edn : 2017	mg/L	84.8	250





Authorized Signatory Hanumanthaiah P **Technical Manager**

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ANALYSIS REPORT OF WATER QUALITY

1.	Name and Address of Industry	e e	M/s. Shilpa Pharma Life Sciences Limited unit-2, Plot No. 33, 33A, 40-47, Raichur Industrial Growth Center, Chicksugur village, Raichur.
2. 3. 4. 5. 6. 7. 8. 9. 10	Analysis Completion Date		Effluent treated Water MSV Analytical Laboratories, Bellary. Pet Bottle, 2 Liter. Water/Good 13.06.2024 14.06.2024 20408 15.06.2024 19.06.2024 20.06.2024

Chemical Group: Pollution &			Result	KSPCB Standards
L DI LINOUT	Physical parameters			1997
	IS: 3025(Part-4)	Hazen	Light Brown	
Color	15 · 3025(Part-5)		and the second se	6.5-8.5
Odor	4500 H+ BAPHA 23rdEdn: 2017	-		0.0 0.0
pH@25°C	2530 B-APHA 23rd Edition :2017	NTU	1.06	
Turbidity	Chemical parameters			100
		mg/L	14	100
Total Suspended solids		A CONTRACTOR OF A A	1124	2250
	2540 C APHA 23rd Edn: 2017			10
	5520 D APHA 23rd Edition :2017			30
Ull & Grease	16 2025 (Part-44): 2019		15	30
Bio-chemical Oxygen Demo			52	250
	Odor	ParametersPhysical parametersColorIS : 3025(Part-4)OdorIS : 3025(Part-5)Odor4500 H+ BAPHA 23rdEdn: 2017PH @ 25°C2530 B-APHA 23rd Edition :2017TurbidityChemical parametersTotal Suspended solids2540 F APHA 23rd Edn : 2017Total Dissolved Solids2540 C APHA 23rd Edn : 2017Oil & Grease5520 D APHA 23rd Edition :2017Bio-chemical Oxygen DemandIS 3025(Part-44): 2019	Parameters Physical parameters Color IS: 3025(Part-4) Hazen Odor IS: 3025(Part-5) Odor 4500 H+ BAPHA 23rdEdn: 2017 pH @ 25°C 2530 B-APHA 23rd Edition :2017 NTU Turbidity Chemical parameters NTU Total Suspended solids 2540 F APHA 23rd Edn : 2017 mg/L Total Dissolved Solids 2540 C APHA 23rd Edn : 2017 mg/L Oil & Grease 5520 D APHA 23rd Edition :2017 mg/L Bio-chemical Oxygen Demand IS 3025(Part-44): 2019 mg/L	ParametersProtocolOfficMarcelPhysical parametersColorIS : 3025(Part-4)HazenLight BrownOdorIS : 3025(Part-5)UnobjectionableOdor4500 H+ BAPHA 23rdEdn: 20177.22pH @ 25°C4500 H+ BAPHA 23rdEdn: 2017NTU1.06Turbidity2530 B-APHA 23rd Edition :2017NTU1.06Total Suspended solids2540 F APHA 23rd Edn: 2017mg/L144Total Dissolved Solids2540 C APHA 23rd Edn: 2017mg/L1124Oil & Grease5520 D APHA 23rd Edition:2017mg/L6Bio-chemical Oxygen DemandIS 3025(Part-44): 2019mg/L15

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 - 5. Sampling is not done by us unless otherwise specified

Note: 1. The results listed only to the tested samples & applicable parameters.
 Water, Pollution & Environment & Food samples will discard after 10 days. Ores and minerals, Filter papers & Thimbles will discard 3 months from the date of is test certificate insue.
 Water, Pollution & Environment & Food samples will be discard after 10 days. Ores and minerals, Filter papers & Thimbles will discard 3 months from the date of is test certificate insue.
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MSVAL/W/RF/01/00

ANALYSIS REPORT OF WATER QUALITY

1.	Name and Address of Industry		M/s. Shilpa Pharma Life Sciences Limited unit-2, Plot No. 33, 33A, 40-47, Raichur Industrial Growth Center, Chicksugur village, Raichur.
2.	Sample Marked as	\$	Effluent Treated Water
3.	Sample Collected By		MSV Analytical Laboratories, Bellary.
4.	Sample quantity	1	Pet Bottle, 2 Liter.
5.	Sample Description/condition	1	Water/Good
6.	Date of Sample Collection	1	22.05.2024
7.	Date of sample receipt	8	30.05.2024
8.	Sample Code	1	10385
9.	Analysis Starting Date	:	30.05.2024
10.	Analysis Completion Date	1	29.05.2024
11.	Report Issue Date	3	30.05.2024

Discipline: Chemical Group: Pollution & Environment Sub Group: Waste Water ULR No: TC407124000011660F

S.No	Parameters	Protocol	Unit	Result	KSPCB Standards	
		Physical parameters				
1	Color	IS : 3025(part-4)	Hazen	Light Brown		
2	Odor	IS : 3025(part-5)	275	Unobjectionable		
3	pH @ 25°C	4500 H+ BAPHA 23rdEdn: 2017	-	7.57	6.5-8.5	
4	Turbidity	2530 B-APHA 23rd Edition :2017	NTU	0.86		
		Chemical parameters				
5	Total Suspended solids	al Suspended solids 2540 F APHA 23rd Edn : 2017 mg/L		6	100	
6	Total Dissolved Solids	2540 C APHA 23rd Edn : 2017	mg/L	1024	2250	
7	Oil & Grease	5520 D APHA 23rd Edition :2017	mg/L	2	10	
8	Bio-chemical Oxygen Demand (3 days at 27ºC)	IS 3025(Part-44): 2019	mg/L	15	30	
9	Chemical Oxygen Demand	5230 B-APHA23rd Edn : 2017	mg/L	40	250	

Analysed

Authorized Signatory Hanumanthaiah P **Technical Manager**



Note: 1. The results listed only to the tested samples & applicable parameters.

- Water, Pollution & Environment & Food samples will discard after 10 days. Ores and minerals, Filter papers & Thimbles will discard 3 months from the date of issue of test certificate unless otherwise specified. ILC samples will be discard after 1 month from the date of test certificate issue.
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ANALYSIS REPORT OF WATER OUALITY

MSVAL/W/RF/01/00

1. Name and Address of Industry M/s. Shilpa Pharma Life Sciences Limited unit-2, : Plot No. 33, 33A, 40-47, Raichur Industrial Growth Center, Chicksugur village, Raichur. 2. Sample Marked as **Effluent Treated Water** : 3. Name of the location . Sample Collected By 4. MSV Analytical Laboratories, Bellary. ÷ Sample quantity 5. Pet Bottle, 2 Liter. Sample Description/condition 6. Water/Good : 7. Date of Sample Collection 22.04.2024 Date of sample receipt 8. 23.04.2024 Sample Code 9. 10386 Analysis Starting Date 10. 23.04.2024 11. Analysis Completion Date 27.04.2024 1 12. **Report Issue Date** 5 27.04.2024

Discipline: Chemical

Group: Pollution & Environment

Sub Group: Waste Water ULR No: TC407124000009559F

S.No	Parameters	Protocol	Unit	Result	KSPCB Standards	
	121-	Physical parameters			1	
1	Color	IS: 3025(part-4)	IS: 3025(part-4) Hazen			
2	Odor	IS : 3025(part-5)	****	Unobjectionable		
3	pH @ 25°C	4500 H+ BAPHA 23rdEdn: 2017		7.26	6.5-8.5	
4	Turbidity	2530 B-APHA 23rd Edition :2017	NTU	1.09		
		Chemical parameters				
5	Total Suspended solids	2540 F APHA 23rd Edn : 2017	mg/L	6	100	
6	Total Dissolved Solids	2540 C APHA 23rd Edn : 2017	mg/L	456	2250	
7	Oil & Grease	5520 D APHA 23rd Edition :2017	mg/L	Nil	10	
8	Bio-chemical Oxygen Demand (3 days at 27°C)			16	30	
9	Chemical Oxygen Demand	5230 B-APHA23rd Edn : 2017	mg/L	56	250	

Analysed by

1 de



Authorized Signato B.Chinna Lingana Gouda Chief executive of the laboratory

Note: 1. The results listed only to the tested samples & applicable parameters.

2. Water, Pollution & Environment & Food samples will be discarded after 10 days. Ores and minerals Filter papers & Thimble's will be discarded in 3 months from the date of issue of test reports, unless otherwise specified. ILC samples will be discarded after 1 month from the date of test reports.

3. This report is not to be reproduced wholly or in part & cannot be used as evidence in the court of law & should not be used in any advertising media without our special permission in writing. 4. Total liability of our laboratory is limited to the invoice amount. Any dispute arising out of this report is subject to Bellary jurisdiction only.

5 Sampling is not done by us unless otherwise specified

Annexure-X Ambient Air Monitoring Reports



Recognition by MoEF Under Environment (Protection) Act, 1986 and Accredited by NABL (Certified by ISO 14001:2015, ISO 45001:2018, ISO 9001:2015, ISO 22000:2018) C.M.C Ward No 18 & C.T.C W.No.16, T.S No 695 / A / 32 / B1, Block No 19 (1st & 2nd Floor) Sanganakallu Road, KEB Circle, Bellary - 583103. Contact No : Mob: 9449803895, (0):9945456764, 08392-255169 E-mail : msvalbellary2018@gmail.com, labmsv@gmail.com Website : www.msvalbellary.com



MSVAL/AA/RF/01/00

ANALYSIS REPORT OF AMBIENT AIR QUALITY

M/S. Shilpa Pharma Life Sciences Limited unit-2. 1 Name and Address of Industry ۰. Plot No. 33, 33A, 40-47, Raichur Industrial Growth Center, Chicksugur village, Raichur. 2. Name of the location Near Main Gate 5 Sample Collected By 3. MSV Analytical Laboratories, Bellary. Particulars of the sampling Equipments 4. Sample collected with FDS & RDS 460BL **Duration of Monitoring** 5. 8 Hours 6. **Date of Monitoring** 21.09.2024 7. **Date of Sample Receipt** 23 09 2024 ÷ 8. **Analysis Starting Date** 23.09.2024 9. **Analysis Completion Date** ÷ 28.09.2024 **Report Issue Date** 10. 30.09.2024 1 11. Sampling Protocol IS 5182:Part 14

Discipline: Chemical Group: Atmospheric Pollution Sub Group: Ambient Air ULR No: TC407124000021139F

		Protocols Shift wise res 32463 32464	Shift wise results			Result	Tolerance	
S.No	Parameter		1	2	3	Units	in Avg.	limits
			32463	32464	32465		B	
1	Particulate Matter (Size less than 10 µm)PM10	IS-5182(Part-23):2017	74.3	70.2	66.4	µg/m³	70.3	100
2	Particulate Matter (Size less than 2.5 μm) or PM25	IS-5182(Part-24):2019	28.6	25.6	22.2	µg/m³	25.5	60
3	Sulphur Dioxide as SO2	IS-5182(Part-2):2017	14.5	12.7	11.3	µg/m³	12.8	80
4	Oxides of Nitrogen as NO _x	IS-5182(Part-6):2017	19.8	17.7	14.5	µg/m³	17.3	80
5	Carbon Monoxide as CO	MSVAL/SOP/A/007	0.52	0.36	0.28	mg/m³	0.39	2

INFERENCE As per NAAQS Standards

Report Status :- The analyzed values for above measured parameter are within the limits

Analysed by

the



Note: 1. The results listed only to the tested samples & applicable parameters.

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 Total liability of our laboratory is limited to the invoice amount. Any dispute arising out of this report is subject to Bellary jurisdiction only.
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 Sanganakallu Road, KEB Circle, Bellary - 583103. Contact No : Mob: 9449803895, (0):9945456764, 08392-255169

 E-mail : msvalbellary2018@gmail.com, labmsv@gmail.com

ANALYSIS REPORT OF AMBIENT AIR QUALITY

M/S. Shilpa Pharma Life Sciences Limited unit-2, Name and Address of Industry 1. Plot No. 33, 33A, 40-47, Raichur Industrial Growth Center, Chicksugur village, Raichur. Near Main Gate 2. Name of the location MSV Analytical Laboratories, Bellarv. Sample Collected By 3. ٠ Particulars of the sampling Equipments Sample collected with FDS & RDS 460BL 4. 8 Hours **Duration of Monitoring** 5. Date of Monitoring 21.09.2024 6. ٠ 7. Date of Sample Receipt 23.09.2024 23.09.2024 **Analysis Starting Date** 8. 1 **Analysis Completion Date** 28.09.2024 9. 4 **Report Issue Date** 30.09.2024 10. IS 5182:Part 14 11. **Sampling Protocol** 12

Discipline: Chemical Group: Atmospheric Pollution Sub Group: Ambient Air ULR No: MSVAL/2024/5068

S.No	Parameter Protocol		Shift wise results				Result	Tolerance
		Protocols	1	2	3	Units	in Avg.	limits
			7764	7765	7766			
6	Carbon Dioxide as CO2	Instrument Manual Method	<0.01	<0.01	<0.01	PPM	< 0.01	
7	H ₂ S	IS-5182 (Part-7)	BDL	BDL	BDL	µg/ m²	BDL	324

As per NAAQS Standards INFERENCE Report Status :- The analyzed values for above measured parameter are within the limits

Analysed by

the

Authorized Signatory Hanumanthaiah P Technical Manager

MSVAL/AA/RF/01/00

Note: 1. The results listed only to the tested samples & applicable parameters.

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MSVAL/AA/RF/01/00

1.	Name and Address of Industry	•	M/S. Shilpa Pharma Life Sciences Limited unit-2, Plot No. 33, 33A, 40-47, Raichur Industrial Growth Center, Chicksugur village, Raichur.
2.	Name of the location	1	Near Production Block Between C&D
3.	Sample Collected By		MSV Analytical Laboratories, Bellary.
4.	Particulars of the sampling Equipments	:	Sample collected with FDS & RDS 460BL
5.	Duration of Monitoring	1	8 Hours
6.	Date of Monitoring	:	21.09.2024
7.	Date of Sample Receipt		23.09.2024
8.	Analysis Starting Date	÷	23.09.2024
9.	Analysis Completion Date		28.09.2024
10.	Report Issue Date	2	30.09.2024
11.	Sampling Protocol	:	IS 5182:Part 14

ANALYSIS REPORT OF AMBIENT AIR QUALITY

Discipline: Chemical Group: Atmospheric Pollution Sub Group: Ambient Air ULR No: TC407124000021140F

			Shif	ft wise res	ults	Units	Result in Avg.	Tolerance limits
S.No	Parameter	Protocols	1	2	3			
			32466	32467	32468			
1	Particulate Matter (Size less than 10 μm)PM10	IS-5182(Part-23):2017	75.6	72.2	68.4	μg / m³	72.1	100
2	Particulate Matter (Size less than 2.5 µm) or PM _{2.5}	IS-5182(Part-24):2019	29.3	26.4	24.3	μg / m³	26.7	60
3	Sulphur Dioxide as SO ₂	IS-5182(Part-2):2017	16	14.2	11.3	μg / m³	13.8	80
4	Oxides of Nitrogen as NO_x	IS-5182(Part-6):2017	21.9	17.1	13.9	μg / m³	17.6	80
5	Carbon Monoxide as CO	MSVAL/SOP/A/007	0.41	0.38	0.32	mg / m ³	0.37	2

INFERENCE As per NAAQS Standards

Report Status :- The analyzed values for above measured parameter are within the limits

Analysed by

J

Authorized Signatory Hanumanthaiah P **Technical Manager**

Note: 1.The results listed only to the tested samples & applicable parameters.

 Water, Pollution & Environment & Food samples will discard after 10 days. Ores and minerals, Filter papers & Thimbles will discard 3 months from the date of issue of test certificate unless otherwise specified. ILC samples will be discard after 1 month from the date of test certificate issue.

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ANALYSIS REPORT OF AMBIENT AIR QUALITY

M/S. Shilpa Pharma Life Sciences Limited unit-2, 1. Name and Address of Industry • Plot No. 33, 33A, 40-47, Raichur Industrial Growth Center, Chicksugur village, Raichur. 2. Name of the location **Near Production Block Between C&D** MSV Analytical Laboratories, Bellary. Sample Collected By 3. Particulars of the sampling Equipments Sample collected with FDS & RDS 460BL 4. **Duration of Monitoring** 8 Hours 5. 6. **Date of Monitoring** 21.09.2024 Date of Sample Receipt 23.09.2024 7. 8. **Analysis Starting Date** 23.09.2024 Analysis Completion Date 28.09.2024 9 **Report Issue Date** 30.09.2024 10. IS 5182 : Part 14 11. Sampling Protocol ۰.

Discipline: Chemical Group: Atmospheric Pollution Sub Group: Ambient Air ULR No: MSVAL/2024/5071

	Parameter	Protocols	Shi	ft wise res	ults	Units	Result in Avg.	Tolerance limits
S.No			1	2	3 7769			
			7767	7768				
6	Carbon Dioxide as CO2	Instrument Manual Method	<0.01	<0.01	<0.01	PPM	<0.01	.89
7	H ₂ S	IS-5182 (Part-7)	BDL	BDL	BDL	μg/ m²	BDL	

INFERENCE As per NAAQS Standards

Report Status :- The analyzed values for above measured parameter are within the limits

Analysed by

Jo



Authorized Signatory Hanumanthaiah P Technical Manager

MSVAL/AA/RF/01/00

Note: 1. The results listed only to the tested samples & applicable parameters.

 Water, Pollution & Environment & Food samples will be discarded after 10 days. Ores and minerals Filter papers & Thimbles will be discarded in 3 months from the date of issue of test reports, unless otherwise specified. ILC samples will be discarded after 1 month from the date of test reports.

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MSVAL/AA/RF/01/00

ANALYSIS REPORT OF AMBIENT AIR QUALITY

M/S. Shilpa Pharma Life Sciences Limited unit-2, 1. Name and Address of Industry Plot No. 33, 33A, 40-47, Raichur Industrial Growth Center, Chicksugur village, Raichur. Near Main Gate 2. Name of the location 3. Sample Collected By MSV Analytical Laboratories, Bellary. Particulars of the sampling Equipments Sample collected with FDS & RDS 460BL 4. Duration of Monitoring 8 Hours 5. **Date of Monitoring** 17.08.2024 6. 7. Date of Sample Receipt 19.08.2024 8. Analysis Starting Date 26.08.2024 9. **Analysis Completion Date** 26.08.2024 **Report Issue Date** 27.08.2024 10. . Sampling Protocol IS 5182:Part 14 11. 2

Discipline: Chemical Group: Atmospheric Pollution Sub Group: Ambient Air ULR No: TC407124000018376F

			Shif	ft wise res	ults	Units	Result in Avg.	Tolerance	
S.No	Parameter	Protocols	1	2	3			limits	
			28211	28212	28213				
1	Particulate Matter (Size less than 10 μm)PM10	IS-5182(Part-23):2017	81.6	79.4	76.2	µg/m³	79.1	100	
2	Particulate Matter (Size less than 2.5 µm) or PM _{2.5}	IS-5182(Part-24):2019	27.4	25.2	23.8	µg/m³	25.5	60	
3	Sulphur Dioxide as SO ₂	IS-5182(Part-2):2017	16	14.2	12	µg/m³	14.1	80	
4	Oxides of Nitrogen as NO_x	IS-5182(Part-6):2017	22.1	19.9	17.9	µg/m³	20.0	80	
5	Carbon Monoxide as CO	MSVAL/SOP/A/007	0.26	0.24	0.21	mg/m ³	0.24	2	

INFERENCE As per NAAQS Standards

Report Status :- The analyzed values for above measured parameter are within the limits

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Authorized Signatory Hanumanthaiah P **Technical Manager**



- Water, Pollution & Environment & Food samples will discard after 10 days. Ores and minerals, Filter papers & Thimbles will discard 3 months from the date of issue of test certificate unless otherwise specified. ILC samples will be discard after 1 month from the date of test certificate issue.
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ANALYSIS REPORT OF AMBIENT AIR QUALITY

MSVAL/AA/RF/01/00

1.	Name and Address of Industry	8	M/S. Shilpa Pharma Life Sciences Limited unit-2, Plot No. 33, 33A, 40-47, Raichur Industrial Growth Center, Chicksugur village, Raichur.
2.	Name of the location	X	Near Main Gate
3.	Sample Collected By		MSV Analytical Laboratories, Bellary.
4.	Particulars of the sampling Equipments	:	Sample collected with FDS & RDS 460BL
5.	Duration of Monitoring		8 Hours
6.	Date of Monitoring	:	17.08.2024
7.	Date of Sample Receipt	;	19.08.2024
8.	Analysis Starting Date	2	26.08.2024
9.	Analysis Completion Date	:	26.08.2024
10.	Report Issue Date	:	27.08.2024
11.	Sampling Protocol	12	IS 5182:Part 14

Discipline: Chemical Group: Atmospheric Pollution Sub Group: Ambient Air ULR No: MSVAL/2024/4449

	Parameter		Shi	ft wise res	ults	Units	Result in Avg.	Tolerance limits
S.No		Protocols	1	2	3 7629			
			7627	7628				
6	Carbon Dioxide as CO₂	Instrument Manual Method	<0.01	<0.01	<0.01	РРМ	<0.01	
7	H ₂ S	IS-5182 (Part-7)	BDL	BDL	BDL	μg/ m²	BDL	

As per NAAQS Standards INFERENCE Report Status :- The analyzed values for above measured parameter are within the limits Analyse



Authorized Signatory Hanumanthaiah P **Technical Manager**

Note: 1. The results listed only to the tested samples & applicable parameters.

2. Water, Pollution & Environment & Food samples will be discarded after 10 days. Ores and minerals Filter papers & Thimbles will be discarded in 3 months from the date of issue of test reports, unless otherwise specified, ILC samples will be discarded after 1 month from the date of test reports.

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MSVAL/AA/RF/01/00

1.	Name and Address of Industry	3	M/S. Shilpa Pharma Life Sciences Limited unit-2, Plot No. 33, 33A, 40-47, Raichur Industrial Growth Center, Chicksugur village, Raichur.
2.	Name of the location	4	Near Production Block Between C&D
3.	Sample Collected By	â.	MSV Analytical Laboratories, Bellary.
4.	Particulars of the sampling Equipments		Sample collected with FDS & RDS 460BL
5.	Duration of Monitoring	:	8 Hours
6.	Date of Monitoring		17.08.2024
7.	Date of Sample Receipt	1	19.08.2024
8.	Analysis Starting Date	:	26.08.2024
9.	Analysis Completion Date	:	26.08.2024
10.	Report Issue Date	32	27.08.2024
11.	Sampling Protocol	t	IS 5182:Part 14

ANALYSIS REPORT OF AMBIENT AIR QUALITY

Discipline: Chemical Group: Atmospheric Pollution Sub Group: Ambient Air ULR No: TC407124000018377F

			Shi	ft wise res	ults	Units	Result	Tolerance limits
S.No	Parameter	Protocols	1	2	3		in Avg.	
	1		28214	28215	28216			
1	Particulate Matter (Size less than 10 μm)PM ₁₀	IS-5182(Part-23):2017	78.4	76.2	74.2	μg / m³	76.2	100
2	Particulate Matter (Size less than 2.5 μm) or $PM_{2.5}$	IS-5182(Part-24):2019	22.1	20.5	18.6	μg / m³	20.3	60
3	Sulphur Dioxide as SO ₂	IS-5182(Part-2):2017	14.9	12.8	11	μg / m ³	12.9	80
4	Oxides of Nitrogen as NO_x	IS-5182(Part-6):2017	19.2	17.2	14.9	μg / m³	17.1	80
5	Carbon Monoxide as CO	MSVAL/SOP/A/007	0.26	0.24	0.22	mg / m ³	0.24	2

As per NAAQS Standards INFERENCE

Report Status :- The analyzed values for above measured parameter are within the limits

Analysed by



Authorized Signatory

Hanumanthaiah P **Technical Manager**

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MSVAL/AA/RF/01/00

ANALYSIS REPORT OF AMBIENT AIR QUALITY

M/S. Shilpa Pharma Life Sciences Limited unit-2, Name and Address of Industry 1. Plot No. 33, 33A, 40-47, Raichur Industrial Growth Center, Chicksugur village, Raichur. Near Production Block Between C&D Name of the location 2. MSV Analytical Laboratories, Bellary. Sample Collected By 3. Sample collected with FDS & RDS 460BL 4. Particulars of the sampling Equipments 8 Hours **Duration of Monitoring** 5. 17.08.2024 **Date of Monitoring** 6. • 7. Date of Sample Receipt 19.08.2024 26.08.2024 **Analysis Starting Date** 8. 5 Analysis Completion Date 26.08.2024 9 : **Report Issue Date** 27.08.2024 10. ÷ IS 5182 : Part 14 11. Sampling Protocol 2

Discipline: Chemical Group: Atmospheric Pollution Sub Group: Ambient Air ULR No: MSVAL/2024/4450

	Parameter	Protocols	Shi	ft wise res	ults	Units	Result in Avg.	Tolerance limits
S.No			1	2	3 7632			
			7631	7631				
6	Carbon Dioxide as CO_2	Instrument Manual Method	<0.01	<0.01	<0.01	PPM	< 0.01	sur):
7	H ₂ S	IS-5182 (Part-7)	BDL	BDL	BDL	µg/ m²	BDL	

INFERENCE

As per NAAQS Standards

Report Status :- The analyzed values for above measured parameter are within the limits

nalysed by

Authorized Signatory Hanumanthaiah P Technical Manager

-: END OF REPORT

- 3. This report is not to be reproduced wholly or in part & cannot be used as evidence in the court of law & should not be used in any advertising media without our special permission in writing. 4 Total liability of our laboratory is limited to the invoice amount. Any dispute arising out of this report is subject to Bellary jurisdiction only.
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E-mail : msvalbellary2018@gmail.com, labmsv@gmail.com Website : www.msvalbellary.com

MSVAL/AA/RF/01/00

ANALYSIS REPORT OF AMBIENT AIR QUALITY

- 1. Name and Address of Industry
- 2. Name of the location
- 3. Sample Collected By
- Particulars of the sampling Equipments 4.
- **Duration of Monitoring** 5.
- 6. **Date of Monitoring**
- 7. **Date of Sample Receipt**
- 8. **Analysis Starting Date**
- **Analysis Completion Date** 9.
- 10. **Report Issue Date**
- 11. Sampling Protocol
- 20.07.2024 26.07.2024 19.06.2024 2 27.07.2024 :

Near Main Gate

8 Hours

19.07.2024

IS 5182 : Part 14 : 2019

Discipline: Chemical Group: Atmospheric Pollution

Sub Group: Ambient Air ULR No: TC407124000016382F

M/s. Shilpa Pharma Life Sciences Limited unit-2,

Center, Chicksugur village, Raichur.

MSV Analytical Laboratories, Bellary.

Plot No. 33, 33A, 40-47, Raichur Industrial Growth

			Shil	ft wise res	ults		Result in Avg.	Tolerance limits
S.No	Parameter	Protocols	1	2	3	Units		
			24927	24928	24929			
1	Particulate Matter (Size less than 10 μm)PM10	IS-5182(Part-23):2017	76.3	70.1	59.6	μg / m³	68.7	100
2	Particulate Matter (Size less than 2.5 μm) or PM _{2.5}	IS-5182(Part-24):2019	28.3	24.4	17.7	μg / m³	23.5	60
3	Sulphur Dioxide as SO ₂	IS-5182(Part-2):2017	16.1	13.7	9.6	μg / m³	13.1	80
4	Oxides of Nitrogen as NO _x	IS-5182(Part-6):2017	23.5	21.1	16.1	μg / m³	20.2	80
5	Carbon Monoxide as CO	MSVAL/SOP/A/007	0.55	0.48	0.37	mg / m ³	0.47	2

INFERENCE

As per NAAQS Standards Report Status :- The analyzed values for above measured parameter are within the limits

Analysêd hy



Authorized Signatory Hanumanthaiah P **Technical Manager**

Note: 1.The results listed only to the tested samples & applicable parameters.

- Water, Pollution & Environment & Food samples will discard after 10 days. Ores and minerals, Filter papers & Thimbles will discard 3 months from the date of issue of test certificate unless otherwise specified: ILC samples will be discard after 1 month from the date of test certificate issue.
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- permission in writing. 4. Total liability of our laboratory is limited to the invoice amount. Any dispute arising out of this report is subject to Bellary jurisdiction only.
- 5. Sampling is not done by us unless otherwise specified

Sample collected with FDS & RDS 460BL



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MSVAL/AA/RF/01/00

ANALYSIS REPORT OF AMBIENT AIR QUALITY

1.	Name and Address of Industry	:	M/s. Shilpa Pharma Life Sciences Limited unit-2, Plot No. 33, 33A, 40-47, Raichur Industrial Growth Center, Chicksugur village, Raichur.
2.	Name of the location	:	Near Main Gate
3.	Sample Collected By	:	MSV Analytical Laboratories, Bellary.
4.	Particulars of the sampling Equipments	:	Sample collected with FDS & RDS 460BL
5.	Duration of Monitoring	:	8 Hours
6.	Date of Monitoring	:	19.07.2024
7.	Date of Sample Receipt	:	20.07.2024
8.	Analysis Starting Date	:	26.07.2024
9.	Analysis Completion Date	:	19.06.2024
10.	Report Issue Date	:	27.07.2024
11.	Sampling Protocol	:	IS 5182 : Part 14 : 2019

Discipline: Chemical Group: Atmospheric Pollution Sub Group: Ambient Air ULR No: MSVAL/2024/3926

	Parameter	Protocols	Shif	ft wise res	ults	Units	Result in Avg.	Tolerance limits
S.No			1	2	3 6694			
			6692	6693				
6	Carbon Dioxide as CO2	Instrument Manual Method	<0.01	<0.01	<0.01	РРМ	<0.01	
7	H ₂ S	IS-5182 (Part-7)	BDL	BDL	BDL	μg/ m²	BDL	

INFERENCE

As per NAAQS Standards Report Status :- The analyzed values for above measured parameter are within the limits

Analysed



Authorized Signatory Hanumanthaiah P **Technical Manager**

Note: 1. The results listed only to the tested samples & applicable parameters.

2. Water, Pollution & Environment & Food samples will be discarded after 10 days. Ores and minerals Filter papers & Thimbles will be discarded in 3 months from the date of issue of test reports, unless otherwise specified. ILC samples will be discarded after 1 month from the date of test reports.

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MSVAL/AA/RF/01/00

ANALYSIS REPORT OF AMBIENT AIR QUALITY

M/s. Shilpa Pharma Life Sciences Limited unit-2, 1. Name and Address of Industry Plot No. 33, 33A, 40-47, Raichur Industrial Growth Center, Chicksugur village, Raichur. 2. Name of the location **Near Production Block Between C&D** MSV Analytical Laboratories, Bellary. 3. Sample Collected By Particulars of the sampling Equipments Sample collected with FDS & RDS 460BL 4. 5. **Duration of Monitoring** 8 Hours Date of Monitoring 19.07.2024 6. ٠ **Date of Sample Receipt** 20.07.2024 7. 3 Analysis Starting Date 26.07.2024 8. ۰. 9. **Analysis Completion Date** 19.06.2024 ٠ 10. **Report Issue Date** 27.07.2024 IS 5182 : Part 14 : 2019 Sampling Protocol 11 .

Discipline: Chemical Group: Atmospheric Pollution Sub Group: Ambient Air ULR No: MSVAL/2024/3927

	Parameter		Shit	ft wise res	ults	Units	Result in Avg.	Tolerance limits
S.No		Protocols	1	2	3			
			6695	6696	6697			
6	Carbon Dioxide as CO2	Instrument Manual Method	<0.01	<0.01	<0.01	PPM	<0.01	
7	H ₂ S	IS-5182 (Part-7)	BDL	BDL	BDL	µg/ m²	BDL	:# 7 .

INFERENCE

As per NAAQS Standards

Report Status :- The analyzed values for above measured parameter are within the limits

Analysed



Authorized Signatory Hanumanthaiah P **Technical Manager**

Note: 1. The results listed only to the tested samples & applicable parameters.

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ANALYSIS REPORT OF AMBIENT AIR QUALITY

1. Name and Address of Industry

- 2. Name of the location
- 3. Sample Collected By
- 4. Particulars of the sampling Equipments
- 5. Duration of Monitoring
- 6. Date of Monitoring
- 7. Date of Sample Receipt
- 8. Analysis Starting Date
- 9. Analysis Completion Date
- 10. Report Issue Date
- 11. Sampling Protocol

- M/s. Shilpa Pharma Life Sciences Limited unit-2, Plot No. 33, 33A, 40-47, Raichur Industrial Growth Center, Chicksugur village, Raichur.
 Near Main Gate
 MSV Analytical Laboratories, Bellary.
 Sample collected with FDS & RDS 460BL
 8 Hours
 13.06.2024
 14.06.2024
 15.06.2024
 20.06.2024
 20.06.2024
 IS 5182 : Part 14 : 2019
- Discipline: Chemical Group: Atmospheric Pollution

Sub Group: Ambient Air ULR No: TC407124000013459F

	Parameter	Protocols	Shi	ft wise res	ults		Result	Tolerance
S.No			1 20395	2 20396	3 20397	Units	in Avg.	limits
1	Particulate Matter (Size less than 10 µm)PM10	IS-5182(Part-23):2017	69.4	67.2	65.2	μg / m³	67.3	100
2	Particulate Matter (Size less than 2.5 μm) or PM2 5	IS-5182(Part-24):2019	25.1	23.6	21.4	μg / m³	23.4	60
3	Sulphur Dioxide as SO ₂	IS-5182(Part-2):2017	14.2	12	10.2	μg / m³	12.1	80
4	Oxides of Nitrogen as NO _x	IS-5182(Part-6):2017	20.6	19.2	17.2	μg / m³	19.0	80
5	Carbon Monoxide as CO	MSVAL/SOP/A/007	0.28	0.26	0.24	mg / m ³	0.26	2

INFERENCE As per NAAQS Standards

Report Status -- The analyzed values for above measured parameter are within the limits

Analysed by

Authorized Signatory Hanumanthaiah P **Technical Manager**



- Note: 1. The results listed only to the tested samples & applicable parameters.
 - 2. Water, Pollution &Environment & Food samples will discard after 10 days. Ores and minerals, Filter papers & Thimbles will discard 3 months from the date of issue of test certificate unless otherwise specified. ILC samples will be discard after 1 month from the date of test certificate issue.
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ANALYSIS REPORT OF AMBIENT AIR QUALITY

1.	Name and Address of Industry	•	M/s. Shilpa Pharma Life Sciences Limited unit-2, Plot No. 33, 33A, 40-47, Raichur Industrial Growth Center, Chicksugur village, Raichur.
2.	Name of the location	:	Near Main Gate
3.	Sample Collected By	3	MSV Analytical Laboratories, Bellary.
4.	Particulars of the sampling Equipments	3	Sample collected with FDS & RDS 460BL
5.	Duration of Monitoring	3	8 Hours
6.	Date of Monitoring	:	13.06.2024
7.	Date of Sample Receipt	4	14.06.2024
8.	Analysis Starting Date	1	15.06.2024
9.	Analysis Completion Date	:	19.06.2024
10.	Report Issue Date	3	20.06.2024
11.	Sampling Protocol	3	IS 5182 : Part 14 : 2019

Sub Group: Ambient Air ULR No: TC407124000013459F Discipline: Chemical Group: Atmospheric Pollution

S.No	Parameter		Shi	ft wise res	ults		Result in Avg.	Tolerance limits
		Protocols	1 20395	2 20396	3 20397	Units		
6	Carbon Dioxide as CO2	Instrument Manual Method	<0.01	<0.01	<0.01	PPM	<0.01	12227
7	H ₂ S	IS-5182 (Part-7)	BDL	BDL	BDL	µg/ m²	BDL	1 91

INFERENCE

As per NAAQS Standards Report Status :- The analyzed values for above measured parameter are within the limits

Analysed/



Authorized Signatory Hanumanthaiah P **Technical Manager**

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ANALYSIS REPORT OF AMBIENT AIR QUALITY

M/s. Shilpa Pharma Life Sciences Limited unit-2, 1. Name and Address of Industry Plot No. 33, 33A, 40-47, Raichur Industrial Growth Center, Chicksugur village, Raichur. **Near Production Block Between C&D** 2. Name of the location 1 3. Sample Collected By MSV Analytical Laboratories, Bellary. Ì. Particulars of the sampling Equipments Sample collected with FDS & RDS 460BL 4. **Duration of Monitoring** 8 Hours 5. Date of Monitoring 13.06.2024 6. 7. **Date of Sample Receipt** 14.06.2024 • 8. Analysis Starting Date 15.06.2024 55 9. **Analysis Completion Date** 19.06.2024 10. **Report Issue Date** 20.06.2024 33 Sampling Protocol 11. IS 5182 : Part 14 : 2019 Discipline: Chemical Group: Atmospheric Pollution Sub Group: Ambient Air ULR No: TC407124000013460F

	Parameter		Shi	ft wise res	ults		Result	
S.No		Protocols	1	2	3	Units	in Avg.	
			20398	20399	20400		Ū	
1	Particulate Matter (Size less than 10 μm)PM10	IS-5182(Part-23):2017	75.1	73.8	71.6	μg / m³	73.5	100
2	Particulate Matter (Size less than 2.5 µm) or PM _{2.5}	IS-5182(Part-24):2019	20.4	18.6	16.4	μg / m³	18.5	60
3	Sulphur Dioxide as SO ₂	IS-5182(Part-2):2017	17.4	14.9	12.8	μg / m³	15.0	80
4	Oxides of Nitrogen as NO _x	IS-5182(Part-6):2017	19.8	17.9	16	μg / m³	17.9	80
5	Carbon Monoxide as CO	MSVAL/SOP/A/007	0.26	0.24	0.21	mg / m³	0.24	2

INFERENCE

As per NAAQS Standards

Report Status :- The analyzed values for above measured parameter are within the limits

Analysed hy



Authorized Signatory Hanumanthaiah P Technical Manager

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ANALYSIS REPORT OF AMBIENT AIR QUALITY 3

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- 1. Name and Address of Industry
- 2. Name of the location
- 3. Sample Collected By
- Particulars of the sampling Equipments 4.

Discipline: Chemical Group: Atmospheric Pollution

- 5. **Duration of Monitoring**
- **Date of Monitoring** 6.
- Date of Sample Receipt 7.
- **Analysis Starting Date** 8
- 9. **Analysis Completion Date**
- 10. **Report Issue Date**
- Sampling Protocol 11.

- 22.05.2024 30.05.2024 30.05.2024 29.05.2024 Э.
- 30.05.2024 1 8

8 Hours

Near Main Gate

IS 5182 : Part 14 : 2019

Sub Group: Ambient Air ULR No: TC407124000011638F

M/s. Shilpa Pharma Life Sciences Limited unit-2,

Center, Chicksugur village, Raichur.

MSV Analytical Laboratories, Bellary.

Sample collected with FDS & RDS 460BL

Plot No. 33, 33A, 40-47, Raichur Industrial Growth

	Parameter		Shif	t wise res	ults		Result	Tolerance
S.No		Protocols	1	2	3	Units	in Avg.	limits
			17394	17395	17396		Ĵ	
1	Particulate Matter (Size less than 10 μm)PM10	IS-5182(Part-23):2017	75.8	72.6	69.4	μg / m³	72.6	100
2	Particulate Matter (Size less than 2.5 μm) or PM _{2.5}	IS-5182(Part-24):2019	29.6	25.3	23.7	μg / m³	26.2	60
3	Sulphur Dioxide as SO ₂	IS-5182(Part-2):2017	16.6	138	12.2	μg / m³	55.6	80
4	Oxides of Nitrogen as NO _x	IS-5182(Part-6):2017	20.6	18.3	17.2	μg / m³	18.7	80
5	Carbon Monoxide as CO	MSVAL/SOP/A/007	0.56	0.42	0.28	mg / m ³	0.42	2

As per NAAQS Standards

INFERENCE Report Status :- The analyzed values for above measured parameter are within the limits

Analysed

Authorized Signatory Handmanthaiah P **Technical Manager**



- Note: 1. The results listed only to the tested samples & applicable parameters.
 - 2. Water, Pollution & Environment & Food samples will discard after 10 days. Ores and minerals, Filter papers & Thimbles will discard 3 months from the date of issue of test certificate unless otherwise specified. ILC samples will be discard after 1 month from the date of test certificate issue.
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ANALYSIS REPORT OF AMBIENT AIR QUALITY

1.	Name and Address of Industry	:	M/s. Shilpa Pharma Life Sciences Limited unit-2, Plot No. 33, 33A, 40-47, Raichur Industrial Growth Center, Chicksugur village, Raichur.
2.	Name of the location		Near Main Gate
3.	Sample Collected By	1	MSV Analytical Laboratories, Bellary.
4.	Particulars of the sampling Equipments		Sample collected with FDS & RDS 460BL
5.	Duration of Monitoring	1	8 Hours
6.	Date of Monitoring	1	22.05.2024
7.	Date of Sample Receipt	1	30.05.2024
8.	Analysis Starting Date	2	30.05.2024
9.	Analysis Completion Date	1	29.05.2024
10.	Report Issue Date	ĩ	30.05.2024
11.	Sampling Protocol		IS 5182 : Part 14 : 2019
	-		

S.No	Parameter		Shi	ft wise res	ults	Units	Result in Avg.	Tolerance limits
		Protocols	1	2	3			
			4687	4868	4869			
6	Carbon Dioxide as CO_2	Instrument Manual Method	<0.01	<0.01	<0.01	РРМ	<0.01	
7	H ₂ S	IS-5182 (Part-7)	BDL	BDL	BDL	μg/ m²	BDL	

INFERENCE

Discipline: Chemical Group: Atmospheric Pollution

As per NAAQS Standards Report Status :- The analyzed values for above measured parameter are within the limits

Sub Group: Ambient Air ULR No: MSVAL/2024/2866

Analysed



Authorized Signatory Hanumanthajah P **Technical Manager**

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ANALYSIS REPORT OF AMBIENT AIR QUALITY

M/s. Shilpa Pharma Life Sciences Limited unit-2, 1. Name and Address of Industry Plot No. 33, 33A, 40-47, Raichur Industrial Growth Center, Chicksugur village, Raichur. Name of the location **Near Production Block Between C&D** 2. : Sample Collected By MSV Analytical Laboratories, Bellary. 3. Particulars of the sampling Equipments Sample collected with FDS & RDS 460BL 4. 1 5. **Duration of Monitoring** 8 Hours 17 6. **Date of Monitoring** 22.05.2024 Date of Sample Receipt 30.05.2024 7 8. Analysis Starting Date 30.05.2024 23 **Analysis Completion Date** 9. 2 29.05.2024 10. **Report Issue Date** 30.05.2024 Sampling Protocol IS 5182 : Part 14 : 2019 11. ÷

Discipline: Chemical Group: Atmospheric Pollution

Sub Group: Ambient Air ULR No: MSVAL/2024/2867

	Parameter	Protocols	Shif	ft wise res	ults	Units	Result in Avg.	Tolerance limits
S.No			1	2	3 4692			
			4690	4691				
6	Carbon Dioxide as CO2	Instrument Manual Method	<0.01	<0.01	<0.01	РРМ	<0.01	
7	H ₂ S	IS-5182 (Part-7)	BDL	BDL	BDL	μg/ m²	BDL	

INFERENCE

As per NAAQS Standards

Report Status :- The analyzed values for above measured parameter are within the limits

Analysed by

Authorized Signatory Hanumanthaiah P Technical Manager

- Water, Pollution & Environment & Food samples will be discarded after 10 days. Ores and minerals Filter papers & Thimbles will be discarded in 3 months from the date of issue of test reports, unless otherwise specified. ILC samples will be discarded after 1 month from the date of test reports.
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ANALYSIS REPORT OF AMBIENT AIR QUALITY

Name and Address of Industry M/s. Shilpa Pharma Life Sciences Limited unit-2, 1. Plot No. 33, 33A, 40-47, Raichur Industrial Growth Center, Chicksugur village, Raichur. 2. Name of the location Near Main Gate 3. Sample Collected By MSV Analytical Laboratories, Bellary. 4. Particulars of the sampling Equipments Sample collected with FDS & RDS 460BL **Duration of Monitoring** 5. 8 Hours 6. Date of Monitoring 22.04.2024 7. **Date of Sample Receipt** 23.04.2024 23.04.2024 8. **Analysis Starting Date** Analysis Completion Date 9 27.04.2024 10. **Report Issue Date** 27.04.2024 11. Sampling Protocol IS 5182 : Part 14 : 2019 5

Discipline: Chemical Group: Atmospheric Pollution Sub Group: Ambient Air ULR No: TC407124000009528F

G. N.	Parameter	Protocols	Shi	ft wise res	ults		Result in	Tolerance limits
S.No			1	2	3	Units	Avg.	
1	Particulate Matter (Size iess than 10 μm)PM10	IS-5182(Part-23):2017	14059 78.7	14060 80.8	14061 76.1	μg / m³	78.5	100
2	Particulate Matter (Size less than 2.5 μm) or PM _{2.5}	IS-5182(Part-24):2019	26.0	28.2	24.8	μg / m³	26.3	60
3	Sulphur Dioxide as SO2	IS-5182(Part-2):2017	23.6	25.7	20.0	μg / m³	23.1	80
4	Oxides of Nitrogen as NO _x	IS-5182(Part-6):2017	27.0	29.8	26.5	μg / m³	27.8	80
5	Carbon Monoxide as CO	MSVAL/SOP/A/007: 2022	0.44	0.46	0.42	mg / m ³	0.44	2

INFERENCE

As per NAAQS Standards Report Status :- The analyzed values for above measured parameter are within the limits

Analysed by



Authorized Signatory 1.2 B.Chinha Lingana Gouda Chief executive of the laboratory

Note: 1. The results listed only to the tested samples & applicable parameters,

3. This report is not to be reproduced wholly or in part & cannot be used as evidence in the court of law & should not be used in any advertising media without our special permission in writing. 4. Total liability of our laboratory is limited to the invoice amount. Any dispute arising out of this report is subject to Bellary jurisdiction only.

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ANALYSIS REPORT OF AMBIENT AIR QUALITY

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- Name and Address of Industry 1.
- 2 Name of the location
- 3. Sample Collected By Particulars of the sampling Equipments 4.
- Duration of Monitoring 5.
- Date of Monitoring 6.
- 7. Date of Sample Receipt
- 8. Analysis Starting Date
- Analysis Completion Date 9.
- 10. **Report Issue Date**
- Sampling Protocol 11.

M/s. Shilpa Pharma Life Sciences Limited unit-2, ÷. Plot No. 33, 33A, 40-47, Raichur Industrial Growth Center, Chicksugur village, Raichur. Near Main Gate MSV Analytical Laboratories, Bellary. Sample collected with FDS & RDS 460BL 8 Hours 22.04.2024 23.04.2024 23.04.2024 27.04.2024 **a** (27.04.2024 IS 5182 : Part 14 : 2019

Discipline: Chemical Group: Atmospheric Pollution Sub Group: Ambient Air ULR No: MSVAL/2024/2291

S.No	Deremeter	Parameter Protocols 1 2 3 2604 2605 2600	sults	Units	Result in Avg.	Tolerance		
5.100	Parameter		3	Units		limits		
			3604	3605	3606			
6	Carbon Dioxide as CO2	Instrument Manual Method	<0.01	<0.01	<0.01	ppm	<0.01	
7	H₂S	IS-5182 (Part-7) – 1973	BDL	BDL	BDL	μg/ m²	BDL	12

Analysed by



Authorized Signatory 4.2 B.Chinna Lingana Gouda Chief executive of the laboratory

- 3. This report is not to be reproduced wholly or in part & cannot be used as evidence in the court of law & should not be used in any advertising media without our special permission in writing. 4 Total liability of our laboratory is limited to the invoice amount. Any dispute arising out of this report is subject to Bellary jurisdiction only.
 - 5. Sampling is not done by us unless otherwise specified.

^{2.} Water, Pollution & Environment & Food samples will be discarded after 10 days. Ores and minerals Filter papers & Thimbles will be discarded in 3 months from the date of issue of test reports, unless otherwise specified. ILC samples will be discarded after 1 month from the date of lest reports.



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MSVAL/AA/RF/01/00

ANALYSIS REPORT OF AMBIENT AIR QUALITY

- 1. Name and Address of Industry
- 2. Name of the location
- 3. Sample Collected By
- 4. Particulars of the sampling Equipments
- 5. Duration of Monitoring
- 6. Date of Monitoring
- 7. Date of Sample Receipt
- 8. Analysis Starting Date
- 9. Analysis Completion Date
- 10. Report Issue Date
- 11. Sampling Protocol

MSV Analytical Laboratories, Bellary.
Sample collected with FDS & RDS 460BL
8 Hours
22.04.2024
23.04.2024
23.04.2024
27.04.2024

Sub Group: Ambient Air

M/s. Shilpa Pharma Life Sciences Limited unit-2, Plot No. 33, 33A, 40-47, Raichur Industrial Growth

Center, Chicksugur village, Raichur.

Near Production Block Between C&D

- 27.04.2024
- IS 5182 : Part 14 : 2019

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Discipline: Chemical Group: Atmospheric Pollution

ULR No: TC407124000009529F

	Parameter		Shil	t wise res	sults		Result	Toleranc
S.No		Protocols	1	2	3	Units	in Avg.	e limits
			14062	14063	14064			
1	Particulate Matter (Size less than 10 μm)PM10	lS-5182(Part- 23):2017	75.7	77.5	72.1	μg / m³	75.1	100
2	Particulate Matter (Size less than 2.5 μm) or PM ₂₅	IS-5182(Part- 24):2019	23.1	25.0	21.4	μg / m³	23.2	60
3	Sulphur Dioxide as SO ₂	IS-5182(Part-2):2017	24.6	26.8	22.0	μg / m³	24.5	80
4	Oxides of Nitrogen as NO_x	IS-5182(Part-6):2017	25.7	28.1	23.4	μg / m³	25.7	80
5	Carbon Monoxide as CO	MSVAL/SOP/A/007: 2022	0.38	0.40	0.36	mg / m ³	0.38	2

INFERENCE

As per NAAQS Standards Report Status :- The analyzed values for above measured parameter are within the limits

Analysed by



Authorized Signatory o.a B.Chifina Lingana Gouda Chief executive of the laboratory

Note: 1. The results listed only to the tested samples & applicable parameters.

2. Water, Pollution & Environment & Food samples will be discarded after 10 days. Ores and minerals Filter papers & Thimbles will be discarded in 3 months from the date of issue of test reports, unless otherwise specified, ILC samples will be discarded after 1 month from the date of test reports.

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5. Sampling is not done by us unless otherwise specified



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 C.M.C Ward No 18 & C.T.C W.No.16, T.S No 695 / A / 32 / B1, Block No 19 (1" & 2" Floor)

 Sanganakallu Road, KEB Circle, Bellary - 583103. Contact No : Mob: 9449803895, (0):9945456764, 08392-255169

 E-mail : msvalbellary2018@gmail.com, labmsv@gmail.com

ANALYSIS REPORT OF AMBIENT AIR QUALITY

- 1. Name and Address of Industry
- 2. Name of the location
- 3. Sample Collected By
- 4. Particulars of the sampling Equipments
- 5. Duration of Monitoring
- 6. Date of Monitoring
- 7. Date of Sample Receipt
- 8. Analysis Starting Date
- 9. Analysis Completion Date
- 10. Report Issue Date
- Report Issue Date
 Sampling Protocol
- ts : Sample collected with FDS & RDS 460BL
 8 Hours
 22.04.2024
 23.04.2024
 23.04.2024
 27.04.2024
 27.04.2024
 15 5182 : Part 14 : 2019

Discipline: Chemical Group: Atmospheric Pollution

Sub Group: Ambient Air ULR No: MSVAL/2024/2294

M/s. Shilpa Pharma Life Sciences Limited unit-2, Plot No. 33, 33A, 40-47, Raichur Industrial Growth

Center, Chicksugur village, Raichur.

MSV Analytical Laboratories, Bellary.

Near Production Block Between C&D

S.No			Shift wise results				Result in	Tolerance
	Parameter	Protocols	1	2	3	Units		Avg.
			3607	3608	3609			
6	Carbon Dioxide as CO ₂	Instrument Manual Method	<0.01	<0.01	<0.01	ppm	< 0.01	***
7	H ₂ S	IS-5182 (Part-7) – 1973	BDL	BDL	BDL	μg/ m²	BDL	xe :

Analysed by

for



Authorized Signatory B.Chinna Lingana Gouda Chief executive of the laboratory

MSVAL/AA/RF/01/00

Note: 1 The results listed only to the tested samples & applicable parameters

2. Water, Pollution & Environment & Food samples will be discarded after 10 days. Ores and minerals Filter papers & Thimbles will be discarded in 3 months from the date of issue of test reports, unless otherwise specified. ILC samples will be discarded after 1 month from the date of test reports.

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5. Sampling is not done by us unless otherwise specified-

Annexure-XII Bore well Water Analysis Reports



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ANALYSIS REPORT OF WATER QUALITY

Near Main Gate

Pet Bottle, 2 Liter.

MSV Analytical Laboratories, Bellary.

MSVAL/W/RF/01/00

- 1. Name and Address of Industry
- M/s. Shilpa Pharma Life Sciences Limited unit-2. Plot No. 33, 33A, 40-47, Raichur Industrial Growth Center, Chicksugur village, Raichur. Bore Well Water
- Sample Marked as ÷ :
- 3. Name of the location
- 4. Sample Collected By 5.

12. Report Issue Date

2.

8.

- Sample quantity
- Sample Description/condition 6. 7 Date of Sample Collection
- Water/Good
- . 13.06.2024
- 63 14.06.2024

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- Date of sample receipt 9. Sample Code 10. Analysis Starting Date
- 20756 13
- 15.06.2024 ÷.
- Ē. 19.06.2024
- 2 20.06.2024

Discipline: Chemical Group: Water

11. Analysis Completion Date

Sub Group: Ground Water

ULR No: TC407124000013707F

S.No	Parameters	Protocol	Unit	Result	IS 10500-2018		
					Acceptable limit	Permissible Limit	
		Physical	parameters	S			
1	Colour	IS: 3025(Part-4)	Hazen	<5	5	15	
2	Odour	IS: 3025(Part-5)		Agreeable	Agreeable	Agreeable	
3	pH	IS: 3025(Part-11)		7.27	6.5 - 8.5	No Relaxation	
4	Taste	IS: 3025(Part-8)		Agreeable	Agreeable	Agreeable	
5	Turbidity	IS: 3025(Part-10)	NTU	0.34	1	- Agreeable	
6	Total Dissolved Solids	IS: 3025(Part-16)	mg/l	828	500	2000	
		Chemical	parameter	S		2000	
7	Total Alkalinity as CaCO3	IS: 3025(Part-23)	mg/l	254.2	200	600	
8	Total Hardness as CaCO ₃	IS: 3025(Part-21)	mg/l	296.6	200		
9	Calcium as Ca	IS: 3025(Part-40)	mg/l	65.7	75	600	
10	Magnesium as Mg	IS: 3025(Part-46)	mg/l	7.86	30	200	
11	Sulphate as SO ₄	IS: 3025(Part-24)	mg/l	86.6		100	
12	Chloride as Cl	IS: 3025(Part-32)	-	143.9	200	400	
13	Nitrate as NO ₃	IS: 3025(Part-34)	mg/l		250	1000	
14	Iron as Fe	IS: 3025(Part-53)	mg/l	1.54	45	No Relaxation	
15	Fluoride as F	IS: 3025(Part-60)	mg/l	0.06	0.3	No Relaxation	
			mg/l	0.42	1.0	1.5	

IS 10500 - 2018 standards INFERENCE

Report Status: - The above parameters are within the prescribed Permissible Limits.

lysed by



Authorized Signatory im Ramaha Gouda Senior Chemist

- Water, Pollution & Environment & Food samples & applicable parameters.
 Water, Pollution & Environment & Food samples will discard after 10 days. Ores and minerals, Filter papers & Thimbles will discard 3 months from the date of issue of test certificate unless otherwise specified. ILC samples will be discard after 1 month from the date of test certificate issue.
 This report is not to be reproduced wholly or in part & cannot be used as evidence in the court of law & should not be used in any advertising media without our special
- 4. Total liability of our laboratory is limited to the invoice amount. Any dispute arising out of this report is subject to Bellary jurisdiction only. 5. Sampling is not done by us unless otherwise specified

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MSVAL/MB/W/RF/01/00

ANALYSIS REPORT FOR WATER IN MICROBIOLOGY

M/s. Shilpa Pharma Life Sciences Limited unit-2, Name and Address of Industry 1. Plot No. 33, 33A, 40-47, Raichur Industrial Growth Center, Chicksugur village, Raichur. Bore Well Water Sample Marked as . 2. Name of the location Near Main Gate ÷ 3. MSV Analytical Laboratories, Bellary. Sample Collected By 4. Sterilized Bottle,250 ml Sample quantity :

- 5.
- Sample Description/condition 6.
- Date of Sample Collection 7.
 - Date of sample receipt
- 8. Sample Code 9.
- 10. Analysis Starting Date
- 11. Analysis Completion Date
- **Report Issue Date** 12.

Discipline: Biological

15.06.2024 19.06.2024

20756

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Water/Good

13.06.2024

14.06.2024

Group: Water

20.06.2024

ULR No: TC407124000013707F

Sub Group: Drinking Water **RESULTS**

Acceptable limit As per 10500 : Result Unit Protocol Parameters 2018 Shall not be Absent /100ml IS 15185:2016 Total Coli form Bacteria detectable in 100ml Absent /100ml Escherichia-Coli IS 15185:2016

INFERENCE | The test result meets the bacteriological specification of IS 10500:2018.

Analysed by

annua



Authorized Signatory Sr. Microbiologist

Note: 1. The results listed only to the tested samples & applicable parameters.

Water, Pollution &Environment & Food samples will discard after 10 days. Ores and minerals, Filter papers & Thimbles will discard 3 months from the date of issue or test certificate unless otherwise specified. ILC samples will be discard after 1 month from the date of test certificate issue.

3. This report is not to be reproduced wholly or in part & cannot be used as evidence in the court of law & should not be used in any advertising media without our special

- permission in writing. Total liability of our laboratory is limited to the invoice amount. Any dispute arising out of this report is subject to Bellary jurisdiction only.
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Annexure-XIII VOC Monitoring Reports



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 E-mail : msvalbellary2018@gmail.com, labmsv@gmail.com
 Website : www.msvalbellary.com

ANALYSIS REPORT OF AMBIENT AIR QUALITY

5

Test Report No: MSVAL/2024/5078

- 1. Name of the Industry
- 2. Sample Collected By
- 3. Name of the parameter

Issued Date: 30.09.2024 M/s. Shilpa Pharma Life Sciences Limited unit-2, Plot No. 33, 33A, 40-47, Raichur Industrial Growth Center, Chicksugur village, Raichur. MSV Analytical Laboratories, Bellary.

Volatile Organic Compounds

S. No	Name of the location	Date of Sampling	Duration of monitoring	Method EPA/625/R-96/010b Compendium of Methods Second Edition Compendium Method TO-17			
				Result	Units	Std	
1	Near Boiler chimney Area	21.09.2024	8hours	1.26	Mg/m ³)	
2	Near Production Block Ao	21.09.2024	8hours	1.32	Mg/m ³		
3	C- Block intermediate area	21.09.2024	8hours	1.22	Mg/m ³		
4	C- Block pharma Area	23.09.2024	8hours	1.20	Mg/m ³	8948C	
5	D- Block intermediate area	23.09.2024	8hours	1.13	Mg/m ³	1999 () () () () () () () () ()	
6	D- Block pharma Area	23.09.2024	8hours	1.29	Mg/m ³	÷÷+)	
7	E- Block intermediate area	24.09.2024	8hours	1.25	Mg/m ³	4240	
8	G- Block intermediate area	24.09.2024	8hours	1.32	Mg/m ³	***	
9	Aj- Block intermediate area	30.09.2024	8hours	1.23	Mg/m ³	ತನನ	
10	I- Block intermediate area	30.09.2024	8hours	1.16	Mg/m ³		
11	H- Block intermediate area	30.09.2024	8hours	1.29	Mg/m ³		

Analysed by

to



Authorized Signatory

Hanumanthaiah. P Technical Manager

MSVAL/A/F/16/02

Note: 1. The results listed only to the tested samples & applicable parameters.

 Water, Pollution & Environment & Food samples will be discarded after 10 days. Ores and minerals Filter papers & Thimbles will be discarded in 3 months from the date of issue of test reports, unless otherwise specified. ILC samples will be discarded after 1 month from the date of test reports.

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MSVAL/A/F/16/02

ANALYSIS REPORT OF AMBIENT AIR QUALITY

Test Report No: MSVAL/2024/3325

Name of the Industry 1.

- Issued Date: 20.06.2024 M/s. Shilpa Pharma Life Sciences Limited unit-2, Plot No. 33, 33A, 40-47, Raichur Industrial Growth Center, Chicksugur village, Raichur.
- MSV Analytical Laboratories, Bellary. Ċ,

2.	Sample Collected By
2	Name of the narameter

S. No	Name of the location	Date of Sampling	Duration of monitoring	Method EPA/625/R-96/010b Compendium of Methods Second Edition Compendium Method TO-17		
				Result	Units	Std
1	Near Boiler chimney Area	13.06.2024	8hours	1.31	Mg/m ³	. 1444 S
2	Near Production Block Ao	13.06.2024	8hours	1.29	Mg/m ³	
3	C- Block intermediate area	14.06.2024	8hours	1.25	Mg/m ³	
4	C- Block pharma Area	14.06.2024	8hours	1.23	Mg/m ³	
5	D- Block intermediate area	15.06.2024	8hours	1.18	Mg/m ³	
6	D- Block pharma Area	15.06.2024	8hours	1.32	Mg/m ³	
7	E- Block intermediate area	19.06.2024	8hours	1.26	Mg/m ³	1000
8	G- Block intermediate area	19.06.2024	8hours	1.33	Mg/m ³	1222
9	Aj- Block intermediate area	20.06.2024	8hours	1.22	Mg/m ³	
10	I- Block intermediate area	20.06.2024	8hours	1.12	Mg/m ³	***
11	H-Block intermediate area	20.06.2024	8hours	1.26	Mg/m ³	100

Analysed b



Authorized Signatory Hanumanthaiah. P Technical Manager

1. The results listed only to the tested samples & applicable parameters. Note:

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Annexure-XIV ISO 14001:2015 Standard Certificate

Certificate of Registration

This is to Certify that Environmental Management System of

SHILPA PHARMA LIFESCIENCES LIMITED, 100% EOU, UNIT-II

PLOT NO. 33, 33A & 40-47, RAICHUR INDUSTRIAL GROWTH CENTRE, CHICKSUGUR - 584134, DIST. & TALUK RAICHUR, KARNATAKA, INDIA.

has been assessed and found to conform to the requirements of ISO 14001:2015

for the following scope :

MANUFACTURE AND SUPPLY OF ACTIVE PHARMACEUTICAL INGREDIENTS(APIs), INTERMEDIATES AND POLYMERS - BIOMEDICAL & HIGH ENERGY APPLICATION

Certificate No Initial Registration Date Date of Expiry*

: 22IEJW96//R2 : 28/04/2022 : 27/04/2025

Issuance Date 2nd Surv. Due

: 27/05/2023 : 28/03/2024









AQC GLOBAL LLC

Head Office: Office No. 02, Ground Floor, Sharjah Media City, Sharjah, UAE. e-mail: infota ageworld.com. Key Location: A-60, Sector - 2, Noida, Uttar Pradesh, 201301, India.

•Validity of the Certificate is subject to accessful completion of surveillance and to on before of the date. In our curveillance most to not allowed to be conducted, this certificate shall be sugrended/withdrawall

Certificate Verification: Please Re-check the wallidity of certificate at http://www.agrowerd.com/activetients.agro. or www.apparted.com at Active Cheves Certificate is the property of AQC Globest LLC and shall be returned bumerliately when demanded