



MSV Analytical Laboratories

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 (1st & 2nd 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/AA/RF/01/00

ANALYSIS REPORT OF AMBIENT AIR QUALITY

- 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.
- Name of the location : Near Main Gate
- Sample Collected By : MSV Analytical Laboratories, Bellary.
- Particulars of the sampling Equipments : Sample collected with FDS & RDS 460BL
- Duration of Monitoring : 8 Hours
- Date of Monitoring : 23.03.2024
- Date of Sample Receipt : 25.03.2024
- Analysis Starting Date : 25.03.2024
- Analysis Completion Date : 23.02.2024
- Report Issue Date : 25.03.2024
- Sampling Protocol : IS 5182 : Part 14 : 2019

Discipline: Chemical Group: Atmospheric Pollution Sub Group: Ambient Air ULR No: TC407124000007311F

S.No	Parameter	Protocols	Shift wise results			Units	Result in Avg.	Tolerance limits
			1	2	3			
			10634	10635	10636			
1	Particulate Matter (Size less than 10 µm) PM ₁₀	IS-5182(Part-23):2017	76.2	74.4	70.2	µg / m ³	73.6	100
2	Particulate Matter (Size less than 2.5 µm) or PM _{2.5}	IS-5182(Part-24):2019	25.8	24.2	23.1	µg / m ³	24.4	60
3	Sulphur Dioxide as SO ₂	IS-5182(Part-2):2017	15.5	14.6	13.3	µg / m ³	14.5	80
4	Oxides of Nitrogen as NO _x	IS-5182(Part-6):2017	23.5	22.8	21.2	µg / m ³	22.5	80
5	Carbon Monoxide as CO	MSVAL/SOP/A/007: 2022	0.38	0.36	0.34	mg / m ³	0.36	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

:- END OF REPORT :-



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

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MSVAL/AA/RF/01/00

ANALYSIS REPORT OF AMBIENT AIR QUALITY

- 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.
- Name of the location : Near Main Gate
- Sample Collected By : MSV Analytical Laboratories, Bellary.
- Particulars of the sampling Equipments : Sample collected with FDS & RDS 460BL
- Duration of Monitoring : 8 Hours
- Date of Monitoring : 23.03.2024
- Date of Sample Receipt : 25.03.2024
- Analysis Starting Date : 25.03.2024
- Analysis Completion Date : 23.02.2024
- Report Issue Date : 25.03.2024
- Sampling Protocol : IS 5182 : Part 14 : 2019

Discipline: Chemical Group: Atmospheric Pollution Sub Group: Ambient Air ULR No: MSVAL/2024/1786

S.No	Parameter	Protocols	Shift wise results			Units	Result in Avg.	Tolerance limits
			1	2	3			
			2761	2762	2763			
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/ m ²	BDL	--

Analysed by

Authorized Signatory

Hanumanthaiah P
Technical Manager

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MSVAL/AA/RF/01/00

ANALYSIS REPORT OF AMBIENT AIR QUALITY

- 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.
- Name of the location : Near Production Block Between C&D
- Sample Collected By : MSV Analytical Laboratories, Bellary.
- Particulars of the sampling Equipments : Sample collected with FDS & RDS 460BL
- Duration of Monitoring : 8 Hours
- Date of Monitoring : 23.03.2024
- Date of Sample Receipt : 25.03.2024
- Analysis Starting Date : 25.03.2024
- Analysis Completion Date : 23.02.2024
- Report Issue Date : 25.03.2024
- Sampling Protocol : IS 5182 : Part 14 : 2019

Discipline: Chemical Group: Atmospheric Pollution

Sub Group: Ambient Air

ULR No: TC407124000007312F

S.No	Parameter	Protocols	Shift wise results			Units	Result in Avg.	Tolerance limits
			1	2	3			
			10637	10638	10639			
1	Particulate Matter (Size less than 10 µm)PM ₁₀	IS-5182(Part-23):2017	74.6	73.8	71.4	µg / m ³	73.3	100
2	Particulate Matter (Size less than 2.5 µm) or PM _{2.5}	IS-5182(Part-24):2019	25.2	24.4	22.2	µg / m ³	23.9	60
3	Sulphur Dioxide as SO ₂	IS-5182(Part-2):2017	14.9	13.9	12.4	µg / m ³	13.7	80
4	Oxides of Nitrogen as NO _x	IS-5182(Part-6):2017	19.4	18.6	17.8	µg / m ³	18.6	80
5	Carbon Monoxide as CO	MSVAL/SOP/A/007: 2022	0.36	0.34	0.32	mg / m ³	0.34	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

:- END OF REPORT



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MSVAL/AA/RF/01/00

ANALYSIS REPORT OF AMBIENT AIR QUALITY

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2. Name of the location : 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 : 8 Hours
6. Date of Monitoring : 23.03.2024
7. Date of Sample Receipt : 25.03.2024
8. Analysis Starting Date : 25.03.2024
9. Analysis Completion Date : 23.02.2024
10. Report Issue Date : 25.03.2024
11. Sampling Protocol : IS 5182 : Part 14 : 2019

Discipline: Chemical Group: Atmospheric Pollution Sub Group: Ambient Air ULR No: MSVAL/2024/1787

S.No	Parameter	Protocols	Shift wise results			Units	Result in Avg.	Tolerance limits
			1	2	3			
			2764	2765	2766			
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/ m ²	BDL	--

Analysed by

Authorized Signatory

Hanumanthaiah P
Technical Manager

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- Note:
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MSVAL/SE/RF/01/00

ANALYSIS REPORT FOR SOURCE EMISSION

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 : 23.03.2024
5. Date of Sample Receipt : 25.03.2024
6. Sample Code : 10640
7. Analysis Starting Date : 25.03.2024
8. Analysis Completion Date : 23.02.2024
9. Report Issue date : 25.03.2024

Discipline: Chemical

Group: Atmospheric Pollution

Sub Group: Stack emission ULR No: TC407124000007313F

GENERAL DETAILS

Instrument Used for Sampling	Sample collected with VSS_1
Fuel Used	---
Ambient Temperature (°C)	33
Stack Temperature (°C)	118
Velocity (m/s)	6.8
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	24127.488	---
Particulate Matter	IS-11255(Part-1) - 2019	mg/Nm ³	74.6	150
Sulphur dioxide	IS-11255(Part2) - 2019	mg/Nm ³	Nil	100
Nitrogen dioxide	IS-11255(Part7) - 2017	mg/Nm ³	30.2	50
Acid mist(HCl Mist)	MSVAL/SOP/SE/002:2022	mg/Nm ³	Nil	35
Carbon Monoxide as CO	IS 13270	PPM	3.4	<150
Carbon Dioxide as CO ₂	(Orsat Apparatus USEPA 3A:1989)	%	8.8	<12

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

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MSVAL/SE/RF/01/00

ANALYSIS REPORT FOR SOURCE EMISSION

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 : 23.03.2024
5. Date of Sample Receipt : 25.03.2024
6. Sample Code : 10641
7. Analysis Starting Date : 25.03.2024
8. Analysis Completion Date : 23.02.2024
9. Report Issue date : 25.03.2024

Discipline: Chemical

Group: Atmospheric Pollution

Sub Group: Stack emission ULR No: TC407124000007314F

GENERAL DETAILS

Instrument Used for Sampling	Sample collected with VSS_1
Fuel Used	---
Ambient Temperature (°C)	33
Stack Temperature (°C)	39
Velocity (m/s)	5.6
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	m ³ /hr	1330.56	---
Particulate Matter	IS-11255(Part-1) - 2019	mg/Nm ³	46.6	---
Sulphur dioxide	IS-11255(Part2) - 2019	mg/Nm ³	Nil	---
Nitrogen dioxide	IS-11255(Part7) - 2017	mg/Nm ³	Nil	---
Acid mist(HCl Mist)	MSVAL/SOP/SE/002:2022	mg/Nm ³	6.8	35

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

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 EMISSION

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 : 23.03.2024
5. Date of Sample Receipt : 25.03.2024
6. Sample Code : 2750
7. Analysis Starting Date : 25.03.2024
8. Analysis Completion Date : 23.02.2024
9. Report Issue date : 25.03.2024

Discipline: Chemical

Group: Atmospheric Pollution

Sub Group: Stack emission ULR No: MSVAL/2024/1775

GENERAL DETAILS

Instrument Used for Sampling	Sample collected with VSS_1
Fuel Used	---
Ambient Temperature (°C)	35
Stack Temperature (°C)	39
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 Report Status: - The analyzed value for above measured parameter is within the limits.
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Analysed by

Authorized Signatory

Hanumanthaiah P
Technical Manager

:- END OF REPORT



Note: 1. The results listed only to the tested samples & applicable parameters.
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TC- 4071

MSVAL/SE/RF/01/00

ANALYSIS REPORT FOR SOURCE EMISSION

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 : MSV Analytical Laboratories, Bellary
4. Date of Monitoring : 23.03.2024
5. Date of Sample Receipt : 25.03.2024
6. Sample Code : 10642
7. Analysis Starting Date : 25.03.2024
8. Analysis Completion Date : 23.02.2024
9. Report Issue date : 25.03.2024

Discipline: Chemical

Group: Atmospheric Pollution

Sub Group: Stack emission

ULR No: TC407124000007315F

GENERAL DETAILS

Instrument Used for Sampling	Sample collected with VSS_1
Fuel Used	---
Ambient Temperature (°C)	30
Stack Temperature (°C)	45
Velocity (m/s)	5.8
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	m ³ /hr	1378.08	---
Particulate Matter	IS-11255(Part-1) - 2019	mg/Nm ³	36.8	---
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	10.6	35

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

:- END OF REPORT



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

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ANALYSIS REPORT FOR SOURCE EMISSION

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 : MSV Analytical Laboratories, Bellary
4. Date of Monitoring : 23.03.2024
5. Date of Sample Receipt : 25.03.2024
6. Sample Code : 2751
7. Analysis Starting Date : 25.03.2024
8. Analysis Completion Date : 23.02.2024
9. Report Issue date : 25.03.2024

Discipline: Chemical

Group: Atmospheric Pollution

Sub Group: Stack emission

ULR No: MSVAL/2024/1776

GENERAL DETAILS

Instrument Used for Sampling	Sample collected with VSS _1
Fuel Used	---
Ambient Temperature (°C)	34
Stack Temperature (°C)	37
Velocity (m/s)	5.4
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

Hanumanthaiah P
Technical Manager

:- END OF REPORTS



- Note:
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MSVAL/SE/RF/01/00

ANALYSIS REPORT FOR SOURCE EMISSION

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 : 23.03.2024
5. Date of Sample Receipt : 25.03.2024
6. Sample Code : 10643
7. Analysis Starting Date : 25.03.2024
8. Analysis Completion Date : 23.02.2024
9. Report Issue date : 25.03.2024

Discipline: Chemical

Group: Atmospheric Pollution

Sub Group: Stack emission

ULR No: TC407124000007316F

GENERAL DETAILS

Instrument Used for Sampling	Sample collected with VSS_1
Fuel Used	---
Ambient Temperature (°C)	35
Stack Temperature (°C)	39
Velocity (m/s)	5.7
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	m ³ /hr	1754.46	---
Particulate Matter	IS-11255(Part-1) - 2019	mg/Nm ³	48.0	---
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	9.3	35

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



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MSVAL/SE/RF/01/00

ANALYSIS REPORT FOR SOURCE EMISSION

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 : 23.03.2024
5. Date of Sample Receipt : 25.03.2024
6. Sample Code : 2752
7. Analysis Starting Date : 25.03.2024
8. Analysis Completion Date : 23.02.2024
9. Report Issue date : 25.03.2024

Discipline: Chemical

Group: Atmospheric Pollution

Sub Group: Stack emission

ULR No: MSVAL/2024/1777

GENERAL DETAILS

Instrument Used for Sampling	Sample collected with VSS _1
Fuel Used	---
Ambient Temperature (°C)	35
Stack Temperature (°C)	39
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
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

END OF REPORT:-



- Note:
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TC- 4071

MSVAL/SE/RF/01/00

ANALYSIS REPORT FOR SOURCE EMISSION

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 : MSV Analytical Laboratories, Bellary
4. Date of Monitoring : 23.03.2024
5. Date of Sample Receipt : 25.03.2024
6. Sample Code : 10644
7. Analysis Starting Date : 25.03.2024
8. Analysis Completion Date : 23.02.2024
9. Report Issue date : 25.03.2024

Discipline: Chemical

Group: Atmospheric Pollution

Sub Group: Stack emission

ULR No: TC407124000007317F

GENERAL DETAILS

Instrument Used for Sampling	Sample collected with VSS_1
Fuel Used	---
Ambient Temperature (°C)	33
Stack Temperature (°C)	42
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
Rate of discharge	IS-11255(Part-3) - 2018	m ³ /hr	1631.34	---
Particulate Matter	IS-11255(Part-1) - 2019	mg/Nm ³	37.8	---
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	8.2	35

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

-: END OF REPORT :-



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 EMISSION

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 : MSV Analytical Laboratories, Bellary
4. Date of Monitoring : 23.03.2024
5. Date of Sample Receipt : 25.03.2024
6. Sample Code : 2753
7. Analysis Starting Date : 25.03.2024
8. Analysis Completion Date : 23.02.2024
9. Report Issue date : 25.03.2024

Discipline: Chemical

Group: Atmospheric Pollution

Sub Group: Stack emission

ULR No: MSVAL/2024/1778

GENERAL DETAILS

Instrument Used for Sampling	Sample collected with VSS _1
Fuel Used	---
Ambient Temperature (°C)	33
Stack Temperature (°C)	42
Velocity (m/s)	5.1
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 by

Authorized Signatory

Hanumanthaiah P
Technical Manager

-: END OF REPORT



- 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 EMISSION

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 : 23.03.2024
5. Date of Sample Receipt : 25.03.2024
6. Sample Code : 10645
7. Analysis Starting Date : 25.03.2024
8. Analysis Completion Date : 23.02.2024
9. Report Issue date : 25.03.2024

Discipline: Chemical

Group: Atmospheric Pollution

Sub Group: Stack emission

ULR No: TC407124000007318F

GENERAL DETAILS

Instrument Used for Sampling	Sample collected with VSS_1
Fuel Used	---
Ambient Temperature (°C)	33
Stack Temperature (°C)	40
Velocity (m/s)	4.9
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	m ³ /hr	1503.648	---
Particulate Matter	IS-11255(Part-1) - 2019	mg/Nm ³	43.6	---
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	12.5	35

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

Authorized Signatory

Hanumanthaiah P
Technical Manager

-: END OF REPORT



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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E-mail : msvbellary2018@gmail.com, labmsv@gmail.com Website : www.msvbellary.com

MSVAL/SE/RF/01/00

ANALYSIS REPORT FOR SOURCE EMISSION

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 : 23.03.2024
5. Date of Sample Receipt : 25.03.2024
6. Sample Code : 2754
7. Analysis Starting Date : 25.03.2024
8. Analysis Completion Date : 23.02.2024
9. Report Issue date : 25.03.2024

Discipline: Chemical

Group: Atmospheric Pollution

Sub Group: Stack emission

ULR No: MSVAL/2024/1779

GENERAL DETAILS

Instrument Used for Sampling	Sample collected with VSS_1
Fuel Used	---
Ambient Temperature (°C)	33
Stack Temperature (°C)	40
Velocity (m/s)	4.6
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 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

-: END OF REPORT:-



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 EMISSION

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 : 23.03.2024
5. Date of Sample Receipt : 25.03.2024
6. Sample Code : 10646
7. Analysis Starting Date : 25.03.2024
8. Analysis Completion Date : 23.02.2024
9. Report Issue date : 25.03.2024

Discipline: Chemical

Group: Atmospheric Pollution

Sub Group: Stack emission

ULR No: TC407124000007319F

GENERAL DETAILS

Instrument Used for Sampling	Sample collected with VSS_1
Fuel Used	---
Ambient Temperature (°C)	33
Stack Temperature (°C)	39
Velocity (m/s)	5.9
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	m ³ /hr	2043.288	---
Particulate Matter	IS-11255(Part-1) - 2019	mg/Nm ³	38.4	---
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	9.8	35

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

:- END OF REPORT :-

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 EMISSION

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 : 23.03.2024
5. Date of Sample Receipt : 25.03.2024
6. Sample Code : 2755
7. Analysis Starting Date : 25.03.2024
8. Analysis Completion Date : 23.02.2024
9. Report Issue date : 25.03.2024

Discipline: Chemical

Group: Atmospheric Pollution

Sub Group: Stack emission

ULR No: MSVAL/2024/1780

GENERAL DETAILS

Instrument Used for Sampling	Sample collected with VSS_1
Fuel Used	---
Ambient Temperature (°C)	33
Stack Temperature (°C)	39
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

Hanumanthaiah P
Technical Manager

--: END OF REPORT:--



- 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 EMISSION

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 : 23.03.2024
5. Date of Sample Receipt : 25.03.2024
6. Sample Code : 10647
7. Analysis Starting Date : 25.03.2024
8. Analysis Completion Date : 23.02.2024
9. Report Issue date : 25.03.2024

Discipline: Chemical

Group: Atmospheric Pollution

Sub Group: Stack emission

ULR No: TC407124000007320F

GENERAL DETAILS

Instrument Used for Sampling	Sample collected with VSS_1
Fuel Used	---
Ambient Temperature (°C)	33
Stack Temperature (°C)	42
Velocity (m/s)	5.9
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	m ³ /hr	1308.384	---
Particulate Matter	IS-11255(Part-1) - 2019	mg/Nm ³	49.6	---
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	10.6	35

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

-: END OF REPORT :-



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 EMISSION

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 : 23.03.2024
5. Date of Sample Receipt : 25.03.2024
6. Sample Code : 1781
7. Analysis Starting Date : 25.03.2024
8. Analysis Completion Date : 23.02.2024
9. Report Issue date : 25.03.2024

Discipline: Chemical

Group: Atmospheric Pollution

Sub Group: Stack emission

ULR No: MSVAL/2024/2756

GENERAL DETAILS

Instrument Used for Sampling	Sample collected with VSS _1
Fuel Used	---
Ambient Temperature (°C)	33
Stack Temperature (°C)	42
Velocity (m/s)	4.9
Height (m)	3 mtr AGL
Diameter (m)	0.28
Cross sectional area (m ²)	0.06160

RESULTS

Parameters	Protocol	Unit	Result	Standard
Volatile organic 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.
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Analysed by

Authorized Signatory

Hanumanthaiiah P
Technical Manager

:- END OF REPORT



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



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Email : msvalbellary2018@gmail.com, labmsv@gmail.com Web ID : www.msvalbellary.com



TC- 4071

MSVAL/SE/RF/01/00

ANALYSIS REPORT FOR SOURCE EMISSION

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 : 23.03.2024
5. Date of Sample Receipt : 25.03.2024
6. Sample Code : 10648
7. Analysis Starting Date : 25.03.2024
8. Analysis Completion Date : 23.02.2024
9. Report Issue date : 25.03.2024

Discipline: Chemical

Group: Atmospheric Pollution

Sub Group: Stack emission

ULR No: TC407124000007321F

GENERAL DETAILS

Instrument Used for Sampling	Sample collected with VSS_1
Fuel Used	---
Ambient Temperature (°C)	30
Stack Temperature (°C)	45
Velocity (m/s)	5.6
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	m ³ /hr	1830.528	---
Particulate Matter	IS-11255(Part-1) - 2019	mg/Nm ³	36.4	---
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	8.9	35

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

Authorized Signatory

Hanumanthaiah P
Technical Manager

-: END OF REPORT -:



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

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

MSVAL/SE/RF/01/00

ANALYSIS REPORT FOR SOURCE EMISSION

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 : 23.03.2024
5. Date of Sample Receipt : 25.03.2024
6. Sample Code : 2757
7. Analysis Starting Date : 25.03.2024
8. Analysis Completion Date : 23.02.2024
9. Report Issue date : 25.03.2024

Discipline: Chemical

Group: Atmospheric Pollution

Sub Group: Stack emission

ULR No: MSVAL/2024/1782

GENERAL DETAILS

Instrument Used for Sampling	Sample collected with VSS _1
Fuel Used	---
Ambient Temperature (°C)	30
Stack Temperature (°C)	45
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

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

:- END OF REPORT :-



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

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Email : msvalbellary2018@gmail.com, labmsv@gmail.com Web ID : www.msvalbellary.com



MSVAL/SE/RF/01/00

ANALYSIS REPORT FOR SOURCE EMISSION

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 : 23.03.2024
5. Date of Sample Receipt : 25.03.2024
6. Sample Code : 10649
7. Analysis Starting Date : 25.03.2024
8. Analysis Completion Date : 23.02.2024
9. Report Issue date : 25.03.2024

Discipline: Chemical

Group: Atmospheric Pollution

Sub Group: Stack emission

ULR No: TC407124000007322F

GENERAL DETAILS

Instrument Used for Sampling	Sample collected with VSS_1
Fuel Used	---
Ambient Temperature (°C)	33
Stack Temperature (°C)	40
Velocity (m/s)	4.9
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	m ³ /hr	1696.968	---
Particulate Matter	IS-11255(Part-1) - 2019	mg/Nm ³	42.4	---
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	12.8	35

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

Authorized Signatory

Hanumanthaiah P
Technical Manager

-: END OF REPORT

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

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E-mail : msvbellary2018@gmail.com, labmsv@gmail.com Website : www.msvbellary.com

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ANALYSIS REPORT FOR SOURCE EMISSION

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 : 23.03.2024
5. Date of Sample Receipt : 25.03.2024
6. Sample Code : 2758
7. Analysis Starting Date : 25.03.2024
8. Analysis Completion Date : 23.02.2024
9. Report Issue date : 25.03.2024

Discipline: Chemical

Group: Atmospheric Pollution

Sub Group: Stack emission

ULR No: MSVAL/2024/1783

GENERAL DETAILS

Instrument Used for Sampling	Sample collected with VSS_1
Fuel Used	---
Ambient Temperature (°C)	33
Stack Temperature (°C)	40
Velocity (m/s)	4.6
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

:- END OF REPORT



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Email : msvballary2018@gmail.com, labmsv@gmail.com Web ID : www.msvballary.com



MSVAL/SE/RF/01/00

ANALYSIS REPORT FOR SOURCE EMISSION

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- I
3. Sample Collected By : MSV Analytical Laboratories, Bellary
4. Date of Monitoring : 23.03.2024
5. Date of Sample Receipt : 25.03.2024
6. Sample Code : 10650
7. Analysis Starting Date : 25.03.2024
8. Analysis Completion Date : 23.02.2024
9. Report Issue date : 25.03.2024

Discipline: Chemical

Group: Atmospheric Pollution

Sub Group: Stack emission ULR No: TC407124000007323F

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)	6.6
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	58.4	150
Sulphur dioxide	IS-11255(Part-2) - 2019	mg/Nm ³	26.1	100
Nitrogen dioxide	IS-11255(Part-7) - 2017	mg/Nm ³	32.9	50

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

Authorized Signatory

Hanumanthaiah P
Technical Manager

-: END OF REPORT:-



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

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TC- 4071

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ANALYSIS REPORT FOR SOURCE EMISSION

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 : 23.03.2024
5. Date of Sample Receipt : 25.03.2024
6. Sample Code : 10651
7. Analysis Starting Date : 25.03.2024
8. Analysis Completion Date : 23.02.2024
9. Report Issue date : 25.03.2024

Discipline: Chemical

Group: Atmospheric Pollution

Sub Group: Stack emission

ULR No: TC407124000007324F

GENERAL DETAILS

Instrument Used for Sampling	Sample collected with VSS_1
Fuel Used	Diesel
Ambient Temperature (°C)	33
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
Particulate Matter	IS-11255(Part-1) - 2019	mg/Nm ³	60.2	150
Sulphur dioxide	IS-11255(Part-2) - 2019	mg/Nm ³	25.4	100
Nitrogen dioxide	IS-11255(Part-7) - 2017	mg/Nm ³	27.0	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



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TC- 4071

MSVAL/SE/RF/01/00

ANALYSIS REPORT FOR SOURCE EMISSION

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 : 23.03.2024
5. Date of Sample Receipt : 25.03.2024
6. Sample Code : 10652
7. Analysis Starting Date : 25.03.2024
8. Analysis Completion Date : 23.02.2024
9. Report Issue date : 25.03.2024

Discipline: Chemical

Group: Atmospheric Pollution

Sub Group: Stack emission

ULR No: TC407124000007325F

GENERAL DETAILS

Instrument Used for Sampling	Sample collected with VSS_1
Fuel Used	Diesel
Ambient Temperature (°C)	31
Stack Temperature (°C)	75
Velocity (m/s)	5.8
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	54.7	150
Sulphur dioxide	IS-11255(Part-2) - 2019	mg/Nm ³	15.4	100
Nitrogen dioxide	IS-11255(Part-7) - 2017	mg/Nm ³	22.0	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

:- END OF REPORT



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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Email : msvalbellary2018@gmail.com, labmsv@gmail.com Web ID : www.msvalbellary.com



MSVAL/SE/RF/01/00

ANALYSIS REPORT FOR SOURCE EMISSION

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 750 KVA-IV
3. Sample Collected By : MSV Analytical Laboratories, Bellary
4. Date of Monitoring : 23.03.2024
5. Date of Sample Receipt : 25.03.2024
6. Sample Code : 10653
7. Analysis Starting Date : 25.03.2024
8. Analysis Completion Date : 23.02.2024
9. Report Issue date : 25.03.2024

Discipline: Chemical

Group: Atmospheric Pollution Sub Group: Stack emission ULR No : TC407124000007326F

GENERAL DETAILS

Instrument Used for Sampling	Sample collected with VSS_1
Fuel Used	Diesel
Ambient Temperature (°C)	34
Stack Temperature (°C)	85
Velocity (m/s)	5.4
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	55.4	150
Sulphur dioxide	IS-11255(Part-2) - 2019	mg/Nm ³	24.1	100
Nitrogen dioxide	IS-11255(Part-7) - 2017	mg/Nm ³	20.4	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

-: END OF REPORT



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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Email : msvalbellary2018@gmail.com, labmsv@gmail.com Web ID : www.msvalbellary.com



TC- 4071

MSVAL/SE/RF/01/00

ANALYSIS REPORT FOR SOURCE EMISSION

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 : 23.03.2024
5. Date of Sample Receipt : 25.03.2024
6. Sample Code : 10644
7. Analysis Starting Date : 25.03.2024
8. Analysis Completion Date : 23.02.2024
9. Report Issue date : 25.03.2024

Discipline: Chemical

Group: Atmospheric Pollution

Sub Group: Stack emission

ULR No: TC407124000007327F

GENERAL DETAILS

Instrument Used for Sampling	Sample collected with VSS_1
Fuel Used	---
Ambient Temperature (°C)	31
Stack Temperature (°C)	115
Velocity (m/s)	6.2
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	m ³ /hr	2147.184	---
Emission Rate of PM	IS-11255(Part-1) - 2019	MT/day	0.002906	---
Particulate Matter	IS-11255(Part-1) - 2019	mg/Nm ³	56.4	150
Sulphur dioxide	IS-11255(Part-2) - 2019	mg/Nm ³	13.7	100
Nitrogen dioxide	IS-11255(Part-7) - 2017	mg/Nm ³	22.5	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

-: END OF REPORT



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 here unless otherwise specified



MSV Analytical Laboratories

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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 (1st & 2nd 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



TC- 4071

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
3. Particulars of Sample Collected : Noise meter
4. Date of Monitoring : 23.03.2024
5. Report Issue Date : 25.03.2024
6. Method Adopted : IS 9989: 2020

Discipline: Chemical

Group: Atmospheric Pollution

Sub Group: Ambient Noise

ULR No: TC407124000007328F

S.No	Sample Location	Time Frequency	Results			Permissible limits in dB(A) Leq
			Maximum in dB(A) Leq	Minimum in dB(A) Leq	Avg. in dB(A) Leq	
1	DG Set Area	At 07:00 AM	67.4	65.2	66.3	75
2		At 08:00 AM	66.9	64.2	65.6	
3		At 09:00 AM	65.8	63.2	64.5	
4		At 10:00 AM	62.8	60.1	61.5	
5		At 11:00 AM	63.8	61.4	62.6	
6		At 12:00 PM	64.9	62.8	63.9	
7		At 01:00 PM	66.2	64.2	65.2	
8		At 02:00 PM	64.0	62.2	63.1	
9		At 03:00 PM	65.8	63.8	64.8	
10		At 04:00 PM	66.9	64.2	65.6	
11		At 05:00 PM	65.2	63.5	64.4	
12		At 06:00 PM	68.9	66.2	67.6	
13		At 07:00 PM	65.9	63.2	64.6	
14		At 08:00 PM	66.4	64.2	65.3	
15		At 09:00 PM	65.2	63.1	64.2	
16		At 10:00 PM	66.2	64.2	65.2	
17		At 11:00 PM	65.2	63.2	64.2	70
18		At 12:00 AM	60.2	58.4	59.3	
19		At 01:00 AM	60.9	58.4	59.7	
20		At 02:00 AM	61.8	59.2	60.5	
21		At 03:00 AM	62.8	60.9	61.9	
22		At 04:00 AM	61.2	59.2	60.2	
23		At 05:00 AM	63.2	61.2	62.2	
24		At 06:00 AM	64.8	62.9	63.9	

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

:- END OF REPORT:-



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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TC- 4071

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
3. Particulars of Sample Collected : Noise meter
4. Date of Monitoring : 23.03.2024
5. Report Issue Date : 25.03.2024
6. Method Adopted : IS 9989: 2020

Discipline: Chemical

Group: Atmospheric Pollution

Sub Group: Ambient Noise

ULR No: TC407124000007329F

S.No	Sample Location	Time Frequency	Results			
			Maximum in dB(A) Leq	Minimum in dB(A) Leq	Avg. in dB(A) Leq	Permissible limits in dB(A) Leq
1	Production Area	At 07:00 AM	60.9	55.8	58.4	75
2		At 08:00 AM	62.4	57.6	60	
3		At 09:00 AM	62.9	60.1	61.5	
4		At 10:00 AM	64.2	62.9	63.5	
5		At 11:00 AM	60.1	58.1	59.1	
6		At 12:00 PM	60.4	58.9	59.7	
7		At 01:00 PM	63.2	60.9	62.1	
8		At 02:00 PM	60.2	60.2	60.2	
9		At 03:00 PM	61.2	59.5	60.4	
10		At 04:00 PM	62.8	58.9	60.9	
11		At 05:00 PM	61.4	59.2	60.3	
12		At 06:00 PM	60.9	55.8	58.4	
13		At 07:00 PM	62.4	57.6	60	
14		At 08:00 PM	62.8	60.1	61.5	
15		At 09:00 PM	63.8	61.4	62.6	
16		At 10:00 PM	64.9	62.8	63.9	
17		At 11:00 PM	60.3	58.7	59.5	70
18		At 12:00 AM	67.4	45.2	56.3	
19		At 01:00 AM	66.9	64.2	65.6	
20		At 02:00 AM	65.8	63.2	64.5	
21		At 03:00 AM	60.3	58.7	59.5	
22		At 04:00 AM	67.4	45.2	56.3	
23		At 05:00 AM	66.9	64.2	65.6	
24		At 06:00 AM	65.8	63.2	64.5	

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

:- END OF REPORT:-



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

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TC- 4071

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
3. Particulars of Sample Collected : Noise meter
4. Date of Monitoring : 23.03.2024
5. Report Issue Date : 25.03.2024
6. Method Adopted : IS 9989: 2020

Discipline: Chemical

Group: Atmospheric Pollution

Sub Group: Ambient Noise

ULR No: TC407124000007330F

S.No	Sample Location	Time Frequency	Results			
			Maximum in dB(A) Leq	Minimum in dB(A) Leq	Avg. in dB(A) Leq	Permissible limits in dB(A) Leq
1	Near Main Gate	At 07:00 AM	54.9	52.1	53.5	75
2		At 08:00 AM	60.2	58.1	59.2	
3		At 09:00 AM	58.9	56.7	57.8	
4		At 10:00 AM	64.2	62.9	63.6	
5		At 11:00 AM	60.1	58.1	59.1	
6		At 12:00 PM	60.4	58.9	59.7	
7		At 01:00 PM	61.7	59.4	60.6	
8		At 02:00 PM	62.4	58.2	60.3	
9		At 03:00 PM	61.9	59.4	60.7	
10		At 04:00 PM	61.4	59.2	60.3	
11		At 05:00 PM	62.8	60.2	61.5	
12		At 06:00 PM	64.8	62.2	63.5	
13		At 07:00 PM	62.8	60.1	61.5	
14		At 08:00 PM	58.2	56.4	57.3	
15		At 09:00 PM	56.4	54.2	55.3	
16		At 10:00 PM	55.9	53.2	54.6	
17		At 11:00 PM	61.8	59.2	60.5	70
18		At 12:00 AM	62.8	60.9	61.9	
19		At 01:00 AM	64.2	62.7	63.5	
20		At 02:00 AM	58.4	56.2	57.3	
21		At 03:00 AM	59.7	57.8	58.8	
22		At 04:00 AM	60.8	58.2	59.5	
23		At 05:00 AM	62.9	60.2	61.6	
24		At 06:00 AM	59.8	57.3	58.6	

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

-: END OF REPORT



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

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TC- 4071

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
3. Particulars of Sample Collected : Noise meter
4. Date of Monitoring : 23.03.2024
5. Report Issue Date : 25.03.2024
6. Method Adopted : IS 9989: 2020

Discipline: Chemical

Group: Atmospheric Pollution

Sub Group: Ambient Noise

ULR No: TC407124000007331F

S.No	Sample Location	Time Frequency	Results			Permissible limits in dB(A) Leq
			Maximum in dB(A) Leq	Minimum in dB(A) Leq	Avg. in dB(A) Leq	
1	Near Administration Office	At 07:00 AM	55.9	53.2	54.6	75
2		At 08:00 AM	54.9	52.1	53.5	
3		At 09:00 AM	53.8	51.2	52.5	
4		At 10:00 AM	56.9	54.2	55.6	
5		At 11:00 AM	61.9	59.2	60.6	
6		At 12:00 PM	62.9	60.1	61.5	
7		At 01:00 PM	60.4	58.9	59.7	
8		At 02:00 PM	61.7	59.9	60.8	
9		At 03:00 PM	60.8	58.2	59.5	
10		At 04:00 PM	63.2	61.9	62.6	
11		At 05:00 PM	60.4	58.9	59.7	
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	56.9	54.2	55.6	
17		At 11:00 PM	66.8	58.1	62.5	70
18		At 12:00 AM	58.9	56.7	57.8	
19		At 01:00 AM	66.9	64.2	65.6	
20		At 02:00 AM	65.8	63.2	64.5	
21		At 03:00 AM	61.8	59.4	60.6	
22		At 04:00 AM	60.3	58.7	59.5	
23		At 05:00 AM	69.2	62.3	65.8	
24		At 06:00 AM	61.9	59.4	60.7	

65.1 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

:- END OF REPORT:-



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

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Email : msvalbellary2018@gmail.com, labmsv@gmail.com Web ID : www.msvalbellary.com



TC- 4071

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 Untreated Water
3. Name of the location : ---
4. Sample Collected By : MSV Analytical Laboratories, Bellary.
5. Sample quantity : Pet Bottle, 2 Liter.
6. Sample Description/condition : Water/Good
7. Date of Sample Collection : 23.03.2024
8. Date of sample receipt : 25.03.2024
9. Sample Code : 10385
10. Analysis Starting Date : 25.03.2024
11. Analysis Completion Date : 23.02.2024
12. Report Issue Date : 25.03.2024

Discipline: Chemical Group: Pollution & Environment Sub Group: Waste Water ULR No: TC407124000007155F

S.No	Parameters	Protocol	Unit	Result
Physical parameters				
1	Color	IS : 3025(part-4)	Hazen	Light Brown
2	Odor	IS : 3025(part-5)	---	Unobjectionable
3	pH @ 25°C	4500 H+ BAPHA 23rdEdn: 2017	-	7.20
4	Turbidity	2530 B-APHA 23 rd Edition :2017	NTU	2.12
Chemical parameters				
5	Total Suspended solids	2540 F APHA 23rd Edn : 2017	mg/L	240
6	Total Dissolved Solids	2540 C APHA 23 rd Edn : 2017	mg/L	34460
7	Oil & Grease	5520 D APHA 23 rd Edition :2017	mg/L	Nil
8	Bio-chemical Oxygen Demand (3 days at 27°C)	IS 3025(Part-44): 2019	mg/L	26420
9	Chemical Oxygen Demand	5230 B-APHA23rd Edn : 2017	mg/L	65780

Analysed by

Authorized Signatory

Hanumanthaiah P
Technical Manager

-: END OF REPORT:-



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

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TC- 4071

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. Name of the location : ---
4. Sample Collected By : MSV Analytical Laboratories, Bellary.
5. Sample quantity : Pet Bottle, 2 Liter.
6. Sample Description/condition : Water/Good
7. Date of Sample Collection : 23.03.2024
8. Date of sample receipt : 25.03.2024
9. Sample Code : 10386
10. Analysis Starting Date : 25.03.2024
11. Analysis Completion Date : 23.02.2024
12. Report Issue Date : 25.03.2024

Discipline: Chemical Group: Pollution & Environment Sub Group: Waste Water ULR No: TC407124000007156F

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 @ 25°C	4500 H+ BAPHA 23rd Edn: 2017	-	7.30	6.5-8.5
4	Turbidity	2530 B-APHA 23 rd Edition :2017	NTU	1.12	---
Chemical parameters					
5	Total Suspended solids	2540 F APHA 23rd Edn : 2017	mg/L	4	100
6	Total Dissolved Solids	2540 C APHA 23 rd Edn : 2017	mg/L	486	2250
7	Oil & Grease	5520 D APHA 23 rd Edition :2017	mg/L	Nil	10
8	Bio-chemical Oxygen Demand (3 days at 27°C)	IS 3025(Part-44): 2019	mg/L	18	30
9	Chemical Oxygen Demand	5230 B-APHA23rd Edn : 2017	mg/L	60	250

Analysed by

Authorized Signatory

Hanumanthaiah P
Technical Manager

:- END OF REPORT:-



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

MSVAL/A/F/16/02

ANALYSIS REPORT OF AMBIENT AIR QUALITY

Test Report No: MSVAL/2024/1785

Issued Date: 25.03.2024

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.
3. Name of the parameter : 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	15.03.2024	8hours	1.36	Mg/m ³	---
2	Near Production Block Ao	15.03.2024	8hours	1.30	Mg/m ³	---
3	C- Block intermediate area	16.03.2024	8hours	1.24	Mg/m ³	---
4	C- Block pharma Area	16.03.2024	8hours	1.20	Mg/m ³	---
5	D- Block intermediate area	18.03.2024	8hours	1.16	Mg/m ³	---
6	D- Block pharma Area	18.03.2024	8hours	1.30	Mg/m ³	---
7	E- Block intermediate area	19.03.2024	8hours	1.28	Mg/m ³	---
8	G- Block intermediate area	19.03.2024	8hours	1.38	Mg/m ³	---
9	Aj- Block intermediate area	21.03.2024	8hours	1.24	Mg/m ³	---
10	I- Block intermediate area	22.03.2024	8hours	1.06	Mg/m ³	---
11	H- Block intermediate area	25.03.2024	8hours	1.22	Mg/m ³	---

Analysed by

Authorized Signatory

Hanumanthaiah p
Technical Manager

:- END OF REPORT:-



- Note:
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