

MSV Analytical Laboratories

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, (O):9945456764, 08392-255169

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



TC- 4071

MSVAL/AA/RF/01/00

ANALYSIS REPORT OF AMBIENT AIR QUALITY

1. Name and Address of Industry : M/s. Shree Basaveshwar Sugars Ltd.,
(Sugar Unit), NH-218, Karjol Village,
Tq./Dist : Vijayapur-586121
2. Name of the location : Near Boiler Area
3. Sample Collected By : MSV Analytical Laboratories
4. Particulars of the sampling Equipments : Sample collected with FDS GTI-131& RDS APM-460
5. Duration of Monitoring : 24 Hours
6. Date of Monitoring : 28.11.2024
7. Date of Sample Receipt : 29.11.2024
8. Sample Code : 40270
9. Analysis Starting Date : 29.11.2024
10. Analysis Completion Date : 02.12.2024
11. Report Issue Date : 03.12.2024
12. Sampling Protocol : IS 5182: Part 14: 2019

Discipline: Chemical Group: Atmospheric Pollution Sub Group: Ambient Air ULR No: TC407124000029419F

S.No	Parameter	Protocols	Units	Result in Avg.	Standards
1	Particulate Matter PM ₁₀	IS-5182(Part-23)	µg / m ³	74.26	100
2	Particulate Matter PM _{2.5}	IS-5182(Part-24)	µg / m ³	29.58	60
3	Sulphur Dioxide as SO ₂	IS-5182(Part-2)	µg / m ³	7.32	80
4	Oxides of Nitrogen as NO _x	IS-5182(Part-6)	µg / m ³	12.44	80

INFERENCE	As per NAAQS Standards, Report Status :- The analyzed values for above measured parameter are within the limits
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Analysed by

Authorized Signatory

B.Chinna Lingana Gouda
Chief executive of the laboratory

*** End of Report***



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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E-mail : msvlabellary2018@gmail.com, labmsv@gmail.com, Website : www.msvlabellary.com



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ANALYSIS REPORT OF AMBIENT AIR QUALITY

1. Name and Address of Industry : M/s. Shree Basaveshwar Sugars Ltd.,
(Sugar Unit), NH-218, Karjol Village,
Tq/Dist : Vijayapur-586121
2. Name of the location : Near Boiler Area
3. Sample Collected By : MSV Analytical Laboratories
4. Particulars of the sampling Equipments : Sample collected with FDS GTI-131& RDS APM-460
5. Duration of Monitoring : 24 Hours
6. Date of Monitoring : 27.01.2025
7. Date of Sample Receipt : 28.01.2025
8. Sample Code : 3435
9. Analysis Starting Date : 28.01.2025
10. Analysis Completion Date : 30.01.2025
11. Report Issue Date : 31.01.2025
12. Sampling Protocol : IS 5182: Part 14: 2019

Discipline: Chemical Group: Atmospheric Pollution Sub Group: Ambient Air ULR No: TC407125000002061F

S.No	Parameter	Protocols	Units	Result in Avg.	Standards
1	Particulate Matter PM ₁₀	IS-5182(Part-23)	µg / m ³	74.24	100
2	Particulate Matter PM _{2.5}	IS-5182(Part-24)	µg / m ³	23.15	60
3	Sulphur Dioxide as SO ₂	IS-5182(Part-2)	µg / m ³	6.92	80
4	Oxides of Nitrogen as NO _x	IS-5182(Part-6)	µg / m ³	13.69	80

INFERENCE	As per NAAQS Standards, Report Status :- The analyzed values for above measured parameter are within the limits
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Analysed by

AA

Authorized Signatory

B.Chinna Lingana Gouda

Chief executive of the laboratory

*** End of Report***



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

2. Water samples will destroyed after 10days, Filter papers & Thimbles will be destroyed 3months from the date of issue of test certificate unless otherwise specified. ILC sample will be destroyed after 1 month from the date of test certificate issue.

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MSVAL/AA/RF/01/00

ANALYSIS REPORT OF AMBIENT AIR QUALITY

1. Name and Address of Industry : M/s. Shree Basaveshwar Sugars Ltd.,
(Sugar Unit), NH-218, Karjol Village,
Tq/Dist : Vijayapur-586121
2. Name of the location : Near Office Area
3. Sample Collected By : MSV Analytical Laboratories
4. Particulars of the sampling Equipments : Sample collected with FDS GTI-131 & RDS APM-460
5. Duration of Monitoring : 24 Hours
6. Date of Monitoring : 28.11.2024
7. Date of Sample Receipt : 29.11.2024
8. Sample Code : 40272
9. Analysis Starting Date : 29.11.2024
10. Analysis Completion Date : 02.12.2024
11. Report Issue Date : 03.12.2024
12. Sampling Protocol : IS 5182: Part 14: 2019

Discipline: Chemical Group: Atmospheric Pollution Sub Group: Ambient Air ULR No: TC407124000029421F

S.No	Parameter	Protocols	Units	Result in Avg.	Standards
1	Particulate Matter PM ₁₀	IS-5182(Part-23)	µg / m ³	56.34	100
2	Particulate Matter PM _{2.5}	IS-5182(Part-24)	µg / m ³	15.47	60
3	Sulphur Dioxide as SO ₂	IS-5182(Part-2)	µg / m ³	4.16	80
4	Oxides of Nitrogen as NO _x	IS-5182(Part-6)	µg / m ³	9.78	80

INFERENCE	As per NAAQS Standards, Report Status :- The analyzed values for above measured parameter are within the limits
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Analysed by

Authorized Signatory

B.Chinna Lingana Gouda
Chief executive of the laboratory

*** End of Report ***



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

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1. Name and Address of Industry : M/s. Shree Basaveshwar Sugars Ltd.,
(Sugar Unit), NH-218, Karjol Village,
Tq/Dist: Vijayapur-586121
2. Name of the location : Near Office Area
3. Sample Collected By : MSV Analytical Laboratories
4. Particulars of the sampling Equipments : Sample collected with FDS GTI-131& RDS APM-460
5. Duration of Monitoring : 24 Hours
6. Date of Monitoring : 27.01.2025
7. Date of Sample Receipt : 28.01.2025
8. Sample Code : 3437
9. Analysis Starting Date : 28.01.2025
10. Analysis Completion Date : 30.01.2025
11. Report Issue Date : 31.01.2025
12. Sampling Protocol : IS 5182: Part 14: 2019

Discipline: Chemical Group: Atmospheric Pollution Sub Group: Ambient Air ULR No: TC407125000002063F

S.No	Parameter	Protocols	Units	Result in Avg.	Standards
1	Particulate Matter PM ₁₀	IS-5182(Part-23)	µg / m ³	58.66	100
2	Particulate Matter PM _{2.5}	IS-5182(Part-24)	µg / m ³	15.49	60
3	Sulphur Dioxide as SO ₂	IS-5182(Part-2)	µg / m ³	4.21	80
4	Oxides of Nitrogen as NO _x	IS-5182(Part-6)	µg / m ³	10.34	80

INFERENCE	As per NAAQS Standards,
	Report Status :- The analyzed values for above measured parameter are within the limits

Analysed by

Authorized Signatory

B.Chinna Lingana Gouda
Chief executive of the laboratory

*** End of Report ***



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

2. Water samples will destroyed after 10days, Filter papers & Thimbles will be destroyed 3months from the date of issue of test certificate unless otherwise specified. ILC sample will be destroyed after 1 month from the date of test certificate issue.

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1. Name and Address of Industry : M/s. Shree Basaveshwar Sugars Ltd.,
(Sugar Unit), NH-218, Karjol Village,
Tq/Dist : Vijayapur-586121
2. Name of the location : Near ETP Plant
3. Sample Collected By : MSV Analytical Laboratories
4. Particulars of the sampling Equipments : Sample collected with FDS GTI-131& RDS APM-460
5. Duration of Monitoring : 24 Hours
6. Date of Monitoring : 28.11.2024
7. Date of Sample Receipt : 29.11.2024
8. Sample Code : 40271
9. Analysis Starting Date : 29.11.2024
10. Analysis Completion Date : 02.12.2024
11. Report Issue Date : 03.12.2024
12. Sampling Protocol : IS 5182: Part 14: 2019

Discipline: Chemical Group: Atmospheric Pollution Sub Group: Ambient Air ULR No: TC407124000029420F

S.No	Parameter	Protocols	Units	Result in Avg.	Standards
1	Particulate Matter PM ₁₀	IS-5182(Part-23)	µg / m ³	63.58	100
2	Particulate Matter PM _{2.5}	IS-5182(Part-24)	µg / m ³	22.65	60
3	Sulphur Dioxide as SO ₂	IS-5182(Part-2)	µg / m ³	6.23	80
4	Oxides of Nitrogen as NO _x	IS-5182(Part-6)	µg / m ³	11.06	80

INFERENCE	As per NAAQS Standards, Report Status :- The analyzed values for above measured parameter are within the limits
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Analysed by

Authorized Signatory

B.Chinna Lingana Gouda
Chief executive of the laboratory

*** End of Report ***



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 Industry : M/s. Shree Basaveshwar Sugars Ltd.,
(Sugar Unit), NH-218, Karjol Village,
Tq/Dist : Vijayapur-586121
2. Name of the location : Near ETP Plant
3. Sample Collected By : MSV Analytical Laboratories
4. Particulars of the sampling Equipments : Sample collected with FDS GTI-131& RDS APM-460
5. Duration of Monitoring : 24 Hours
6. Date of Monitoring : 27.01.2025
7. Date of Sample Receipt : 28.01.2025
8. Sample Code : 3436
9. Analysis Starting Date : 28.01.2025
10. Analysis Completion Date : 30.01.2025
11. Report Issue Date : 31.01.2025
12. Sampling Protocol : IS 5182: Part 14: 2019

Discipline: Chemical Group: Atmospheric Pollution Sub Group: Ambient Air ULR No: TC407125000002062F

S.No	Parameter	Protocols	Units	Result in Avg.	Standards
1	Particulate Matter PM ₁₀	IS-5182(Part-23)	µg / m ³	70.33	100
2	Particulate Matter PM _{2.5}	IS-5182(Part-24)	µg / m ³	29.16	60
3	Sulphur Dioxide as SO ₂	IS-5182(Part-2)	µg / m ³	5.87	80
4	Oxides of Nitrogen as NO _x	IS-5182(Part-6)	µg / m ³	12.11	80

INFERENCE	As per NAAQS Standards, Report Status :- The analyzed values for above measured parameter are within the limits
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Analysed by

Authorized Signatory

B.Chinna Lingana Gouda
Chief executive of the laboratory

*** End of Report ***



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

2. Water samples will destroyed after 10days, Filter papers & Thimbles will be destroyed 3months from the date of issue of test certificate unless otherwise specified. ILC sample will be destroyed 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. Shree Basaveshwar Sugars Ltd.,
(Sugar Unit), NH-218, Karjol Village,
Tq/Dist : Vijayapur-586121
2. Name of the location : Near Main Gate
3. Sample Collected By : MSV Analytical Laboratories
4. Particulars of the sampling Equipments : Sample collected with FDS GTI-131& RDS APM-460
5. Duration of Monitoring : 24 Hours
6. Date of Monitoring : 28.11.2024
7. Date of Sample Receipt : 29.11.2024
8. Sample Code : 40269
9. Analysis Starting Date : 29.11.2024
10. Analysis Completion Date : 02.12.2024
11. Report Issue Date : 03.12.2024
12. Sampling Protocol : IS 5182: Part 14: 2019

Discipline: Chemical Group: Atmospheric Pollution Sub Group: Ambient Air ULR No: TC407124000029418F

S.No	Parameter	Protocols	Units	Result in Avg.	Standards
1	Particulate Matter PM ₁₀	IS-5182(Part-23)	µg / m ³	80.54	100
2	Particulate Matter PM _{2.5}	IS-5182(Part-24)	µg / m ³	31.36	60
3	Sulphur Dioxide as SO ₂	IS-5182(Part-2)	µg / m ³	6.06	80
4	Oxides of Nitrogen as NO _x	IS-5182(Part-6)	µg / m ³	12.31	80

INFERENCE	As per NAAQS Standards, Report Status :- The analyzed values for above measured parameter are within the limits
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Analysed by

Authorized Signatory

B.Chinna Lingana Gouda
Chief executive of the laboratory

*** End of Report***



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 : M/s. Shree Basaveshwar Sugars Ltd.,
(Sugar Unit), NH-218, Karjol Village,
Tq/Dist : Vijayapur-586121
2. Name of the location : Near Main Gate
3. Sample Collected By : MSV Analytical Laboratories
4. Particulars of the sampling Equipments : Sample collected with FDS GTI-131& RDS APM-460
5. Duration of Monitoring : 24 Hours
6. Date of Monitoring : 27.01.2025
7. Date of Sample Receipt : 28.01.2025
8. Sample Code : 3434
9. Analysis Starting Date : 28.01.2025
10. Analysis Completion Date : 30.01.2025
11. Report Issue Date : 31.01.2025
12. Sampling Protocol : IS 5182: Part 14: 2019

Discipline: Chemical Group: Atmospheric Pollution Sub Group: Ambient Air ULR No: TC407125000002060F

S.No	Parameter	Protocols	Units	Result in Avg.	Standards
1	Particulate Matter PM ₁₀	IS-5182(Part-23)	µg / m ³	81.37	100
2	Particulate Matter PM _{2.5}	IS-5182(Part-24)	µg / m ³	28.19	60
3	Sulphur Dioxide as SO ₂	IS-5182(Part-2)	µg / m ³	6.20	80
4	Oxides of Nitrogen as NO _x	IS-5182(Part-6)	µg / m ³	13.16	80

INFERENCE	As per NAAQS Standards, Report Status :- The analyzed values for above measured parameter are within the limits
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Analysed by

Authorized Signatory

B.Chinna Lingana Gouda
Chief executive of the laboratory

*** End of Report ***



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MSVAL/AA/RF/01/00

ANALYSIS REPORT OF AMBIENT AIR QUALITY

1. Name and Address of Industry : M/s. Shree Basaveshwar Sugars Ltd.,
(Distillery Unit)
NH-218, Karjol Village,
Tq&Dist : Vijayapur-586108
2. Name of the location : Near Weigh Bridge
3. Sample Collected By : MSV Analytical Laboratories
4. Particulars of the sampling Equipments : Sample collected with FDS GTI-131& RDS APM-460
5. Duration of Monitoring : 24 Hours
6. Date of Monitoring : 28.11.2024
7. Date of Sample Receipt : 29.11.2024
8. Sample Code : 40273
9. Analysis Starting Date : 29.11.2024
10. Analysis Completion Date : 02.12.2024
11. Report Issue Date : 03.12.2024
12. Sampling Protocol : IS 5182: Part 14: 2019

Discipline: Chemical Group: Atmospheric Pollution Sub Group: Ambient Air ULR No: TC407124000029422F

S.No	Parameter	Protocols	Units	Result in Avg.	Standards
1	Particulate Matter PM ₁₀	IS-5182(Part-23)	µg / m ³	75.36	100
2	Particulate Matter PM _{2.5}	IS-5182(Part-24)	µg / m ³	32.58	60
3	Sulphur Dioxide as SO ₂	IS-5182(Part-2)	µg / m ³	6.77	80
4	Oxides of Nitrogen as NO _x	IS-5182(Part-6)	µg / m ³	13.14	80

INFERENCE	As per NAAQS Standards, Report Status :- The analyzed values for above measured parameter are within the limits
-----------	--

Analysed by

Authorized Signatory

B.Chinna Lingana Gouda
Chief executive of the laboratory

*** End of Report***



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NH-218, Karjol Village,
Tq&Dist : Vijayapur-586108
2. Name of the location : Near Weigh Bridge
3. Sample Collected By : MSV Analytical Laboratories
4. Particulars of the sampling Equipments : Sample collected with FDS GTI-131 & RDS APM-460
5. Duration of Monitoring : 24 Hours
6. Date of Monitoring : 27.01.2025
7. Date of Sample Receipt : 28.01.2025
8. Sample Code : 3447
9. Analysis Starting Date : 28.01.2025
10. Analysis Completion Date : 30.01.2025
11. Report Issue Date : 30.01.2025
12. Sampling Protocol : IS 5182: Part 14: 2019

Discipline: Chemical Group: Atmospheric Pollution Sub Group: Ambient Air ULR No: TC407125000002070F

S.No	Parameter	Protocols	Units	Result in Avg.	Standards
1	Particulate Matter PM ₁₀	IS-5182(Part-23)	µg / m ³	76.28	100
2	Particulate Matter PM _{2.5}	IS-5182(Part-24)	µg / m ³	31.05	60
3	Sulphur Dioxide as SO ₂	IS-5182(Part-2)	µg / m ³	7.46	80
4	Oxides of Nitrogen as NO _x	IS-5182(Part-6)	µg / m ³	13.60	80

INFERENCE	As per NAAQS Standards,
	Report Status :- The analyzed values for above measured parameter are within the limits

Analysed by

Authorized Signatory

B.Chinna Lingana Gouda
Chief executive of the laboratory

*** End of Report***



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

2. Water samples will destroyed after 10days, Filter papers & Thimbles will be destroyed 3months from the date of issue of test certificate unless otherwise specified. ILC sample will be destroyed 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. 6. The tests and/or calibrations marked with an are not accredited by NABL.



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) : 08392-255169,

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



TC- 4071

MSVAL/AA/RF/01/00

ANALYSIS REPORT OF AMBIENT AIR QUALITY

1. Name and Address of Industry : M/s. Shree Basaveshwar Sugars Ltd.,
(Distillery Unit)
NH-218, Karjol Village,
Tq&Dist : Vijayapur-586108
2. Name of the location : Near Weigh Bridge
3. Sample Collected By : MSV Analytical Laboratories
4. Particulars of the sampling Equipments : Sample collected with FDS GTI-131& RDS APM-460
5. Duration of Monitoring : 24 Hours
6. Date of Monitoring : 26.03.2025
7. Date of Sample Receipt : 27.03.2025
8. Sample Code : 10005
9. Analysis Starting Date : 27.03.2025
10. Analysis Completion Date : 31.03.2025
11. Report Issue Date : 31.03.2025
12. Sampling Protocol : IS 5182: Part 14: 2019

Discipline: Chemical Group: Atmospheric Pollution Sub Group: Ambient Air ULR No: TC407125000006846F

S.No	Parameter	Protocols	Units	Result in Avg.	Standards
1	Particulate Matter PM ₁₀	IS-5182(Part-23)	µg / m ³	74.16	100
2	Particulate Matter PM _{2.5}	IS-5182(Part-24)	µg / m ³	32.53	60
3	Sulphur Dioxide as SO ₂	IS-5182(Part-2)	µg / m ³	7.08	80
4	Oxides of Nitrogen as NO _x	IS-5182(Part-6)	µg / m ³	13.11	80

INFERENCE	As per NAAQS Standards,
	Report Status :- The analyzed values for above measured parameter are within the limits

Analysed by

Authorized Signatory

B.Chinna Lingana Gouda
Chief executive of the laboratory

*** End of Report***



Note: 1. The results listed only to the tested samples & applicable parameters,
2. Water samples will destroyed after 10days, Filter papers & Thimbles will be destroyed 3months from the date of issue of test certificate unless otherwise specified. ILC sample will be destroyed 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



TC- 4071

MSVAL/AA/RF/01/00

ANALYSIS REPORT OF AMBIENT AIR QUALITY

1. Name and Address of Industry : M/s. Shree Basaveshwar Sugars Ltd.,
(Distillery Unit)
NH-218, Karjol Village,
Tq&Dist : Vijayapur-586108
2. Name of the location : Near Boiler
3. Sample Collected By : MSV Analytical Laboratories
4. Particulars of the sampling Equipments : Sample collected with FDS GTI-131& RDS APM-460
5. Duration of Monitoring : 24 Hours
6. Date of Monitoring : 28.11.2024
7. Date of Sample Receipt : 29.11.2024
8. Sample Code : 40230
9. Analysis Starting Date : 29.11.2024
10. Analysis Completion Date : 03.12.2024
11. Report Issue Date : 03.12.2024
12. Sampling Protocol : IS 5182: Part 14: 2019

Discipline: Chemical Group: Atmospheric Pollution Sub Group: Ambient Air ULR No: TC407124000029456F

S.No	Parameter	Protocols	Units	Result in Avg.	Standards
1	Particulate Matter PM ₁₀	IS-5182(Part-23)	µg / m ³	69.35	100
2	Particulate Matter PM _{2.5}	IS-5182(Part-24)	µg / m ³	36.08	60
3	Sulphur Dioxide as SO ₂	IS-5182(Part-2)	µg / m ³	7.12	80
4	Oxides of Nitrogen as NO _x	IS-5182(Part-6)	µg / m ³	13.50	80

INFERENCE	As per NAAQS Standards,
	Report Status :- The analyzed values for above measured parameter are within the limits

Analysed by

Authorized Signatory

B.Chinna Lingana Gouda
Chief executive of the laboratory

*** End of Report ***



Note: 1. The results listed only to the tested samples & applicable parameters,
2. Water samples will be destroyed after 10days, Filter papers & Thimbles will be destroyed 3months from the date of issue of test certificate unless otherwise specified. ILC sample will be destroyed after 1 month from the date of test certificate issue.
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E-mail : msvallbellary2018@gmail.com, labmsv@gmail.com, Website : www.msvallbellary.com



TC- 4071

MSVAL/AA/RF/01/00

ANALYSIS REPORT OF AMBIENT AIR QUALITY

1. Name and Address of Industry : M/s. Shree Basaveshwar Sugars Ltd.,
(Distillery Unit)
NH-218, Karjol Village,
Tq&Dist : Vijayapur-586108
2. Name of the location : Near Boiler
3. Sample Collected By : MSV Analytical Laboratories
4. Particulars of the sampling Equipments : Sample collected with FDS GTI-131& RDS APM-460
5. Duration of Monitoring : 24 Hours
6. Date of Monitoring : 27.01.2025
7. Date of Sample Receipt : 28.01.2025
8. Sample Code : 3448
9. Analysis Starting Date : 28.01.2025
10. Analysis Completion Date : 30.01.2025
11. Report Issue Date : 30.01.2025
12. Sampling Protocol : IS 5182: Part 14: 2019

Discipline: Chemical Group: Atmospheric Pollution Sub Group: Ambient Air ULR No: TC407125000002071F

S.No	Parameter	Protocols	Units	Result in Avg.	Standards
1	Particulate Matter PM ₁₀	IS-5182(Part-23)	µg / m ³	71.47	100
2	Particulate Matter PM _{2.5}	IS-5182(Part-24)	µg / m ³	36.13	60
3	Sulphur Dioxide as SO ₂	IS-5182(Part-2)	µg / m ³	7.61	80
4	Oxides of Nitrogen as NO _x	IS-5182(Part-6)	µg / m ³	13.28	80

INFERENCE	As per NAAQS Standards,
	Report Status :- The analyzed values for above measured parameter are within the limits

Analysed by

AA

Authorized Signatory

B.Chinna Lingana Gouda

Chief executive of the laboratory

*** End of Report***



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

2. Water samples will destroyed after 10days, Filter papers & Thimbles will be destroyed 3months from the date of issue of test certificate unless otherwise specified. ILC sample will be destroyed after 1 month from the date of test certificate issue.

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



TC- 4071

MSVAL/AA/RF/01/00

ANALYSIS REPORT OF AMBIENT AIR QUALITY

1. Name and Address of Industry : M/s. Shree Basaveshwar Sugars Ltd.,
(Distillery Unit)
NH-218, Karjol Village,
Tq&Dist : Vijayapur-586108
2. Name of the location : Near Boiler
3. Sample Collected By : MSV Analytical Laboratories
4. Particulars of the sampling Equipments : Sample collected with FDS GTI-131& RDS APM-460
5. Duration of Monitoring : 24 Hours
6. Date of Monitoring : 26.03.2025
7. Date of Sample Receipt : 27.03.2025
8. Sample Code : 10006
9. Analysis Starting Date : 27.03.2025
10. Analysis Completion Date : 31.03.2025
11. Report Issue Date : 31.03.2025
12. Sampling Protocol : IS 5182: Part 14: 2019

Discipline: Chemical Group: Atmospheric Pollution Sub Group: Ambient Air ULR No: TC407125000006847F

S.No	Parameter	Protocols	Units	Result in Avg.	Standards
1	Particulate Matter PM ₁₀	IS-5182(Part-23)	µg / m ³	68.28	100
2	Particulate Matter PM _{2.5}	IS-5182(Part-24)	µg / m ³	26.72	60
3	Sulphur Dioxide as SO ₂	IS-5182(Part-2)	µg / m ³	7.30	80
4	Oxides of Nitrogen as NO _x	IS-5182(Part-6)	µg / m ³	13.67	80

INFERENCE	As per NAAQS Standards,
	Report Status :- The analyzed values for above measured parameter are within the limits

Analysed by

Authorized Signatory

B.Chinna Lingana Gouda
Chief executive of the laboratory

*** End of Report ***



Note: 1. The results listed only to the tested samples & applicable parameters,
2. Water samples will destroyed after 10days, Filter papers & Thimbles will be destroyed 3months from the date of issue of test certificate unless otherwise specified. ILC sample will be destroyed 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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E-mail : msvbellary2018@gmail.com, labmsv@gmail.com Website : www.msvbellary.com



TC- 4071

MSVAL/AN/RF/01/00

AMBIENT NOISE LEVEL MONITORING REPORT

1. Name and Address of the Industry : M/s. Shree Basaveshwar Sugars Ltd.,
(Sugar Unit), NH-218, Karjol Village,
Tq/Dist : Vijayapur-586121
2. Sample Collected By : MSV Analytical Laboratories
3. Particulars of Sample Collected : Noise meter
4. Date of Monitoring : 28.11.2024
5. Report Issue Date : 03.12.2024
6. Method Adopted : IS 9989: 2020

Discipline: Chemical

Group: Atmospheric Pollution

Sub Group: Ambient Noise

ULR NO: TC407124000029425F

S.No	Sample Location	Sample Code	Time Frequency	Results (Day time)			Permissible limits in dB(A) Leq
				Maximum in dB(A) Leq	Minimum in dB(A) Leq	Leq. in dB(A)	
1	Near Main Gate	40276	10.30am to 10.45am	64.5	60.2	62.7	75 (6.00am to 10.00pm)
2	Near Boiler Area	40277	11.00am to 11.15am	67.2	63.8	65.2	
3	Near ETP Plant	40278	11.20am to 11.35am	71.8	67.3	69.9	
4	Near Office Area	40279	11.45am to 12.00pm	63.4	60.5	62.5	

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

*** End of Report***



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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Sanganakallu Road, KEB Circle, Ballari - 583103 Contact No : Mob : 94498 03895, (O) : 08392-255169,

E-mail : msvallbellary2018@gmail.com, labmsv@gmail.com, Website : www.msvallbellary.com



TC- 4071

MSVAL/AN/RF/01/00

AMBIENT NOISE LEVEL MONITORING REPORT

1. Name and Address of the Industry : M/s. Shree Basaveshwar Sugars Ltd.,
(Sugar Unit), NH-218, Karjol Village,
Tq/Dist : Vijayapur-586121
2. Sample Collected By : MSV Analytical Laboratories
3. Particulars of Sample Collected : Noise meter
4. Date of Monitoring : 27.01.2025
5. Report Issue Date : 31.01.2025
6. Method Adopted : IS 9989: 2020

Discipline: Chemical

Group: Atmospheric Pollution

Sub Group: Ambient Noise

ULR NO: TC40712500002065F

S.No	Sample Location	Sample Code	Time Frequency	Results (Day time)			Permissible limits in dB(A) Leq
				Maximum in dB(A) Leq	Minimum in dB(A) Leq	Leq. in dB(A)	
1	Near Main Gate	3439	10.35am to 10.50am	63.9	61.1	62.5	75 (6.00am to 10.00pm)
2	Near Boiler Area	3440	11.00am to 11.15am	69.3	66.7	67.9	
3	Near ETP Plant	3441	11.30am to 11.45am	64.7	61.4	63.8	
4	Near Office Area	3442	11.50am to 12.05pm	66.5	63.1	64.6	

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

*** End of Report ***



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

2. Water samples will destroyed after 10days, Filter papers & Thimbles will be destroyed 3months from the date of issue of test certificate unless otherwise specified. ILC sample will be destroyed after 1 month from the date of test certificate issue.

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TC- 4071

MSVAL/AN/RF/01/00

AMBIENT NOISE LEVEL MONITORING REPORT

1. Name and Address of the Industry : M/s. Shree Basaveshwar Sugars Ltd.,
(Distillery Unit)
NH-218, Karjol Village,
Tq&Dist : Vijayapur-586108
2. Sample Collected By : MSV Analytical Laboratories
3. Particulars of Sample Collected : Noise meter
4. Date of Monitoring : 28.11.2024
5. Report Issue Date : 03.12.2024
6. Method Adopted : IS 9989: 2020

Discipline: Chemical

Group: Atmospheric Pollution

Sub Group: Ambient Noise

ULR NO: TC407124000029458F

S.No	Sample Location	Sample Code	Time Frequency	Results (Day time)			
				Maximum in dB(A) Leq	Minimum in dB(A) Leq	Leq. in dB(A)	Permissible limits in dB(A) Leq
1	Near Weigh Bridge	40232	12.30pm to 12.45pm	65.8	61.3	63.6	75 (6.00am to 10.00pm)
2	Near Cooling Tower	40233	01.05pm to 01.20pm	61.4	57.8	63.8	
3	Near Boiler	40234	01.35pm to 01.50pm	70.1	66.9	68.1	

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

*** End of Report ***



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

2. Water samples will destroyed after 10days, Filter papers & Thimbles will be destroyed 3months from the date of issue of test certificate unless otherwise specified. ILC sample will be destroyed after 1 month from the date of test certificate issue.

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TC- 4071

MSVAL/AN/RF/01/00

AMBIENT NOISE LEVEL MONITORING REPORT

1. Name and Address of the Industry : M/s. Shree Basaveshwar Sugars Ltd.,
(Distillery Unit)
NH-218, Karjol Village,
Tq&Dist : Vijayapur-586108
2. Sample Collected By : MSV Analytical Laboratories
3. Particulars of Sample Collected : Noise meter
4. Date of Monitoring : 27.01.2025
5. Report Issue Date : 30.01.2025
6. Method Adopted : IS 9989: 2020

Discipline: Chemical

Group: Atmospheric Pollution

Sub Group: Ambient Noise

ULR NO: TC407125000002074F

S.No	Sample Location	Sample Code	Time Frequency	Results (Day time)			
				Maximum in dB(A) Leq	Minimum in dB(A) Leq	Leq. in dB(A)	Permissible limits in dB(A) Leq
1	Near Weigh Bridge	3451	01.40am to 01.55pm	67.1	63.8	65.2	75 (6.00am to 10.00pm)
2	Near Cooling Tower	3452	02.10pm to 02.25pm	69.6	66.9	68.7	
3	Near Boiler	3453	02.35pm to 02.50pm	64.7	60.0	62.8	

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

*** End of Report***



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

2. Water samples will destroyed after 10days, Filter papers & Thimbles will be destroyed 3months from the date of issue of test certificate unless otherwise specified. ILC sample will be destroyed after 1 month from the date of test certificate issue.

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



TC- 4071

MSVAL/AN/RF/01/00

AMBIENT NOISE LEVEL MONITORING REPORT

1. Name and Address of the Industry : M/s. Shree Basaveshwar Sugars Ltd.,
(Distillery Unit)
NH-218, Karjol Village,
Tq&Dist: Vijayapur-586108
2. Sample Collected By : MSV Analytical Laboratories
3. Particulars of Sample Collected : Noise meter
4. Date of Monitoring : 26.03.2025
5. Report Issue Date : 31.03.2025
6. Method Adopted : IS 9989: 2020

Discipline: Chemical Group: Atmospheric Pollution Sub Group: Ambient Noise ULR NO: TC407125000006850F

S.No	Sample Location	Sample Code	Time Frequency	Results (Day time)			
				Maximum in dB(A) Leq	Minimum in dB(A) Leq	Leq. in dB(A)	Permissible limits in dB(A) Leq
1	Near Weigh Bridge	10009	10.50am to 11.05am	68.4	66.2	67.5	75 (6.00am to 10.00pm)
2	Near Cooling Tower	10010	11.10am to 11.25am	70.6	67.9	69.8	
3	Near Boiler	10011	11.30am to 11.45am	72.8	69.5	71.4	

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

*** End of Report ***



Note: 1. The results listed only to the tested samples & applicable parameters,
2. Water samples will destroyed after 10days, Filter papers & Thimbles will be destroyed 3months from the date of issue of test certificate unless otherwise specified. ILC sample will be destroyed 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. 6. The tests and/or calibrations marked with an are not accredited by NABL.

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, Bellary - 583103. Contact No : Mob: 9449803895, (O):9945456764, 08392-255169

E-mail : msvallbellary2018@gmail.com, labmsv@gmail.com Website : www.msvallbellary.com



TC- 4071

MSVAL/W/RF/01/00

ANALYSIS REPORT OF WATER QUALITY

1. Name and Address of Industry : M/s. Shree Basaveshwar Sugars Ltd.,
(Sugar Unit), NH-218, Karjol Village,
Tq/Dist : Vijayapur-586121
2. Sample Marked as : Treated water
3. Name of the location : Effluent Treatment Plant
4. Sample Collected By : MSV Analytical Laboratories
5. Sample quantity : Pet Bottle, 2 Liter.
6. Sample Description/condition : Water/Good
7. Date of Sample Collection : 28.11.2024
8. Date of sample receipt : 29.11.2024
9. Sample Code : 40278
10. Analysis Starting Date : 29.11.2024
11. Analysis Completion Date : 03.12.2024
12. Report Issue Date : 03.12.2024

Discipline: Chemical

Group: Pollution & Environment

Sub Group: Waste Water

ULR NO: TC407124000029426F

S.no	Parameters	Protocol	Unit	Result	Tolerance Limits (As per KSPCB Consent standards for Land for Irrigation)
1	Color	IS : 3025(part-4)	Hazen	<5	-
2	Odor	IS : 3025(part-5)	-	Unobjectionable	-
3	pH @ 25°C	4500 H+ B APHA 23 rd Edition	-	7.31	5.5 - 8.5
4	Oil & Grease	5520 D APHA 23 rd Edition	mg/L	1.40	Max 10
5	Bio-chemical Oxygen Demand (3 days at 27°C)	IS-3025(part 44)	mg/L	22.0	Max 100
6	Chemical Oxygen Demand	5230 B APHA 23 rd Edition	mg/L	78.0	-
7	Total Suspended solids	2540 F APHA 23 rd Edition	mg/L	30.0	Max 100
8	Total Dissolved solids	2540 C APHA 23 rd Edition	mg/L	1215.0	Max 2100

INFERENCE

As per KSPCB Standards

Report Status: - The analyzed values for above measured parameters are within the limits.

Analysed by

Authorized Signatory

B.Chinna Lingana Gouda
Chief executive of the laboratory



*** End of Report ***

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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Sanganakallu Road, KEB Circle, Ballari - 583103 **Contact No** : Mob : 94498 03895, (0) : 08392-255169,

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



TC- 4071

MSVAL/W/RF/01/00

ANALYSIS REPORT OF WATER QUALITY

1. Name and Address of Industry : M/s. Shree Basaveshwar Sugars Ltd.,
(Sugar Unit), NH-218, Karjol Village,
Tq/Dist : Vijayapur-586121
2. Sample Marked as : Treated water
3. Name of the location : Effluent Treatment Plant
4. Sample Collected By : MSV Analytical Laboratories
5. Sample quantity : Pet Bottle, 2 Liter.
6. Sample Description/condition : Water/Good
7. Date of Sample Collection : 27.01.2025
8. Date of sample receipt : 28.01.2025
9. Sample Code : 3443
10. Analysis Starting Date : 28.01.2025
11. Analysis Completion Date : 31.01.2025
12. Report Issue Date : 31.01.2025

Discipline: Chemical

Group: Pollution & Environment

Sub Group: Waste Water

ULR NO: TC407125000002066F

S.no	Parameters	Protocol	Unit	Result	Tolerance Limits (As per KSPCB Consent standards for Land for Irrigation)
1	Color	IS : 3025(part-4)	Hazen	<5	-
2	Odor	IS : 3025(part-5)	-	Unobjectionable	-
3	pH @ 25°C	4500 H+ B APHA 23 rd Edition	-	7.46	5.5 - 8.5
4	Oil & Grease	5520 D APHA 23 rd Edition	mg/L	3.0	Max 10
5	Bio-chemical Oxygen Demand (3 days at 27°C)	IS-3025(part 44)	mg/L	42.0	Max 100
6	Chemical Oxygen Demand	5230 B APHA 23 rd Edition	mg/L	136.0	-
7	Total Suspended solids	2540 F APHA 23 rd Edition	mg/L	29.0	Max 100
8	Total Dissolved solids	2540 C APHA 23 rd Edition	mg/L	1240.0	Max 2100

INFERENCE

As per KSPCB Standards

Report Status: - The analyzed values for above measured parameters are within the limits.

Analysed by

Authorized Signatory

B.Chinna Lingana Gouda
Chief executive of the laboratory

*** End of Report ***



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

2. Water samples will destroyed after 10days, Filter papers & Thimbles will be destroyed 3months from the date of issue of test certificate unless otherwise specified. ILC sample will be destroyed 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



TC- 4071

MSVAL/SE/RF/01/00

ANALYSIS REPORT FOR SOURCE EMISSION

1. Name and Address of the Industry : M/s. Shree Basaveshwar Sugars Ltd.,
(Sugar Unit), NH-218, Karjol Village,
Tq/Dist : Vijayapur-586121
2. Stack ID : 130 TPH Boiler
3. Sample Collected By : MSV Analytical Laboratories
4. Date of Monitoring : 28.11.2024
5. Date of Sample Receipt : 29.11.2024
6. Sample Code : 40275
7. Analysis Starting Date : 29.11.2024
8. Analysis Completion Date : 02.12.2024
9. Report Issue date : 03.12.2024

Discipline: Chemical

Group: Atmospheric Pollution

Sub Group: Stack emission

ULR No: TC407124000029424F

GENERAL DETAILS

Instrument Used for Sampling	Sample collected with GTI-121
Fuel Used	Bagasse
Ambient Temperature (°C)	30
Stack Temperature (°C)	126
Velocity (m/s)	7.98
Height (m)	82
Diameter (m)	2.35
Cross sectional area (m ²)	4.3393

RESULTS

Parameters	Protocol	Unit	Result	Standard
Particulate Matter	IS-11255(Part1)	mg/Nm ³	113.7	150
Sulphur dioxide	IS-11255(Part2)	mg/Nm ³	15.68	-
Nitrogen dioxide	IS-11255(Part7)	mg/Nm ³	33.40	-

INFERENCE	As per KSPCB Standards, Report Status :- The analyzed values for above measured parameter are within the limits
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Analysed by

Authorized Signatory

B.Chinna Lingana Gouda

Chief executive of the laboratory

*** End of Report ***



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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TC- 4071

MSVAL/SE/RF/01/00

ANALYSIS REPORT FOR SOURCE EMISSION

1. Name and Address of the Industry : M/s. Shree Basaveshwar Sugars Ltd.,
(Sugar Unit), NH-218, Karjol Village,
Tq/Dist : Vijayapur-586121
2. Stack ID : 130 TPH Boiler
3. Sample Collected By : MSV Analytical Laboratories
4. Date of Monitoring : 27.01.2025
5. Date of Sample Receipt : 28.01.2025
6. Sample Code : 3438
7. Analysis Starting Date : 28.01.2025
8. Analysis Completion Date : 30.01.2025
9. Report Issue date : 31.01.2025

Discipline: Chemical

Group: Atmospheric Pollution

Sub Group: Stack emission

ULR No: TC407125000002064F

GENERAL DETAILS

Instrument Used for Sampling	Sample collected with GTI-121
Fuel Used	Bagasse
Ambient Temperature (°C)	30
Stack Temperature (°C)	142
Velocity (m/s)	8.95
Height (m)	82
Diameter (m)	2.35
Cross sectional area (m ²)	4.3393

RESULTS

Parameters	Protocol	Unit	Result	Standard
Particulate Matter	IS-11255(Part1)	mg/Nm ³	138.8	150
Sulphur dioxide	IS-11255(Part2)	mg/Nm ³	14.72	-
Nitrogen dioxide	IS-11255(Part7)	mg/Nm ³	35.06	-

INFERENCE	As per KSPCB Standards,
	Report Status :- The analyzed values for above measured parameter are within the limits

Analysed by

Authorized Signatory

B.Chinna Lingana Gouda

Chief executive of the laboratory

*** End of Report***



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

2. Water samples will destroyed after 10days, Filter papers & Thimbles will be destroyed 3months from the date of issue of test certificate unless otherwise specified. ILC sample will be destroyed after 1 month from the date of test certificate issue.

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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. Shree Basaveshwar Sugars Ltd.,
(Distillery Unit)
NH-218, Karjol Village,
Tq&Dist : Vijayapur-586108
2. Stack ID : 30 TPH Boiler
3. Sample Collected By : MSV Analytical Laboratories
4. Date of Monitoring : 28.11.2024
5. Date of Sample Receipt : 29.11.2024
6. Sample Code : 40274
7. Analysis Starting Date : 29.11.2024
8. Analysis Completion Date : 02.12.2024
9. Report Issue date : 03.12.2024

Discipline: Chemical

Group: Atmospheric Pollution

Sub Group: Stack emission

ULR No: TC407124000029423F

GENERAL DETAILS

Instrument Used for Sampling	Sample collected with GTI-121
Fuel Used	Bagasse
Ambient Temperature (°C)	30
Stack Temperature (°C)	118
Velocity (m/s)	8.20
Height (m)	82
Diameter (m)	2.35
Cross sectional area (m ²)	4.3393

RESULTS

Parameters	Protocol	Unit	Result	Standard
Particulate Matter	IS-11255(Part1)	mg/Nm ³	47.61	150
Sulphur dioxide	IS-11255(Part2)	mg/Nm ³	12.58	-
Nitrogen dioxide	IS-11255(Part7)	mg/Nm ³	26.36	-

INFERENCE	As per KSPCB Standards,
	Report Status :- The analyzed values for above measured parameter are within the limits

Analysed by

Authorized Signatory

B.Chinna Lingana Gouda
Chief executive of the laboratory

*** End of Report ***



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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TC- 4071

MSVAL/SE/RF/01/00

ANALYSIS REPORT FOR SOURCE EMISSION

1. Name and Address of the Industry : M/s. Shree Basaveshwar Sugars Ltd.,
(Distillery Unit)
NH-218, Karjol Village,
Tq&Dist : Vijayapur-586108
2. Stack ID : 30 TPH Boiler
3. Sample Collected By : MSV Analytical Laboratories
4. Date of Monitoring : 27.01.2025
5. Date of Sample Receipt : 28.01.2025
6. Sample Code : 3450
7. Analysis Starting Date : 28.01.2025
8. Analysis Completion Date : 30.01.2025
9. Report Issue date : 30.01.2025

Discipline: Chemical

Group: Atmospheric Pollution

Sub Group: Stack emission

ULR No: TC407125000002073F

GENERAL DETAILS

Instrument Used for Sampling	Sample collected with GTI-121
Fuel Used	Bagasse
Ambient Temperature (°C)	30
Stack Temperature (°C)	128
Velocity (m/s)	8.31
Height (m)	82
Diameter (m)	2.35
Cross sectional area (m ²)	4.3393

RESULTS

Parameters	Protocol	Unit	Result	Standard
Particulate Matter	IS-11255(Part1)	mg/Nm ³	48.12	150
Sulphur dioxide	IS-11255(Part2)	mg/Nm ³	13.09	-
Nitrogen dioxide	IS-11255(Part7)	mg/Nm ³	30.65	-

INFERENCE	As per KSPCB Standards,
	Report Status :- The analyzed values for above measured parameter are within the limits

Analysed by

Authorized Signatory

B.Chinna Lingana Gouda
Chief executive of the laboratory

*** End of Report ***



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

2. Water samples will destroyed after 10days, Filter papers & Thimbles will be destroyed 3months from the date of issue of test certificate unless otherwise specified. ILC sample will be destroyed 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



TC- 4071

MSVAL/SE/RF/01/00

ANALYSIS REPORT FOR SOURCE EMISSION

1. Name and Address of the Industry : M/s. Shree Basaveshwar Sugars Ltd.,
(Distillery Unit)
NH-218, Karjol Village,
Tq&Dist : Vijayapur-586108
2. Stack ID : 30 TPH Boiler
3. Sample Collected By : MSV Analytical Laboratories
4. Date of Monitoring : 26.03.2025
5. Date of Sample Receipt : 27.03.2025
6. Sample Code : 10008
7. Analysis Starting Date : 27.03.2025
8. Analysis Completion Date : 31.03.2025
9. Report Issue date : 31.03.2025

Discipline: Chemical

Group: Atmospheric Pollution

Sub Group: Stack emission

ULR No: TC407125000006849F

GENERAL DETAILS

Instrument Used for Sampling	Sample collected with GTI-121
Fuel Used	Bagasse
Ambient Temperature (°C)	31
Stack Temperature (°C)	128
Velocity (m/s)	8.89
Height (m)	82
Diameter (m)	2.35
Cross sectional area (m ²)	4.3393

RESULTS

Parameters	Protocol	Unit	Result	Standard
Particulate Matter	IS-11255(Part1)	mg/Nm ³	46.20	150
Sulphur dioxide	IS-11255(Part2)	mg/Nm ³	14.69	-
Nitrogen dioxide	IS-11255(Part7)	mg/Nm ³	30.05	-

INFERENCE	As per KSPCB Standards,
	Report Status :- The analyzed values for above measured parameter are within the limits

Analysed by

Authorized Signatory

B.Chinna Lingana Gouda
Chief executive of the laboratory



*** End of Report ***

Note: 1. The results listed only to the tested samples & applicable parameters,
2. Water samples will destroyed after 10days, Filter papers & Thimbles will be destroyed 3months from the date of issue of test certificate unless otherwise specified. ILC sample will be destroyed 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



TC- 4071

MSVAL/AA/RF/01/00

ANALYSIS REPORT OF AMBIENT AIR QUALITY

1. Name and Address of Industry : M/s. Shree Basaveshwar Sugars Ltd.,
(Distillery Unit)
NH-218, Karjol Village,
Tq&Dist : Vijayapur-586108
2. Name of the location : Near Cooling Tower
3. Sample Collected By : MSV Analytical Laboratories
4. Particulars of the sampling Equipments : Sample collected with FDS GTI-131& RDS APM-460
5. Duration of Monitoring : 24 Hours
6. Date of Monitoring : 28.11.2024
7. Date of Sample Receipt : 29.11.2024
8. Sample Code : 40231
9. Analysis Starting Date : 29.11.2024
10. Analysis Completion Date : 03.12.2024
11. Report Issue Date : 03.12.2024
12. Sampling Protocol : IS 5182: Part 14: 2019

Discipline: Chemical Group: Atmospheric Pollution Sub Group: Ambient Air ULR No: TC407124000029457F

S.No	Parameter	Protocols	Units	Result in Avg.	Standards
1	Particulate Matter PM ₁₀	IS-5182(Part-23)	µg / m ³	61.28	100
2	Particulate Matter PM _{2.5}	IS-5182(Part-24)	µg / m ³	20.94	60
3	Sulphur Dioxide as SO ₂	IS-5182(Part-2)	µg / m ³	5.41	80
4	Oxides of Nitrogen as NO _x	IS-5182(Part-6)	µg / m ³	10.26	80

INFERENCE	As per NAAQS Standards,
	Report Status :- The analyzed values for above measured parameter are within the limits

Analysed by

Authorized Signatory

B.Chinna Lingana Gouda
Chief executive of the laboratory

*** End of Report ***



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

2. Water samples will be destroyed after 10 days, Filter papers & Thimbles will be destroyed 3 months from the date of issue of test certificate unless otherwise specified. ILC sample will be destroyed after 1 month from the date of test certificate issue.

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TC- 4071

MSVAL/AA/RF/01/00

ANALYSIS REPORT OF AMBIENT AIR QUALITY

1. Name and Address of Industry : M/s. Shree Basaveshwar Sugars Ltd.,
(Distillery Unit)
NH-218, Karjol Village,
Tq&Dist : Vijayapur-586108
2. Name of the location : Near Cooling Tower
3. Sample Collected By : MSV Analytical Laboratories
4. Particulars of the sampling Equipments : Sample collected with FDS GTI-131& RDS APM-460
5. Duration of Monitoring : 24 Hours
6. Date of Monitoring : 27.01.2025
7. Date of Sample Receipt : 28.01.2025
8. Sample Code : 3449
9. Analysis Starting Date : 28.01.2025
10. Analysis Completion Date : 30.01.2025
11. Report Issue Date : 30.01.2025
12. Sampling Protocol : IS 5182: Part 14: 2019

Discipline: Chemical Group: Atmospheric Pollution Sub Group: Ambient Air ULR No: TC407125000002072F

S.No	Parameter	Protocols	Units	Result in Avg.	Standards
1	Particulate Matter PM ₁₀	IS-5182(Part-23)	µg / m ³	64.81	100
2	Particulate Matter PM _{2.5}	IS-5182(Part-24)	µg / m ³	24.22	60
3	Sulphur Dioxide as SO ₂	IS-5182(Part-2)	µg / m ³	5.10	80
4	Oxides of Nitrogen as NO _x	IS-5182(Part-6)	µg / m ³	12.43	80

INFERENCE	As per NAAQS Standards, Report Status :- The analyzed values for above measured parameter are within the limits
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Analysed by

AA

Authorized Signatory

B.Chinna Lingana Gouda

Chief executive of the laboratory

*** End of Report ***



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

2. Water samples will destroyed after 10days, Filter papers & Thimbles will be destroyed 3months from the date of issue of test certificate unless otherwise specified. ILC sample will be destroyed after 1 month from the date of test certificate issue.

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5. Sampling is not done by us unless otherwise specified. 6. The tests and/or calibrations marked with an are not accredited by NABL.



MSV Analytical Laboratories

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, Ballari - 583103 **Contact No** : Mob : 94498 03895, (O) : 08392-255169,

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



TC- 4071

MSVAL/AA/RF/01/00

ANALYSIS REPORT OF AMBIENT AIR QUALITY

1. Name and Address of Industry : M/s. Shree Basaveshwar Sugars Ltd.,
(Distillery Unit)
NH-218, Karjol Village,
Tq&Dist : Vijayapur-586108
2. Name of the location : Near Cooling Tower
3. Sample Collected By : MSV Analytical Laboratories
4. Particulars of the sampling Equipments : Sample collected with FDS GTI-131& RDS APM-460
5. Duration of Monitoring : 24 Hours
6. Date of Monitoring : 26.03.2025
7. Date of Sample Receipt : 27.03.2025
8. Sample Code : 10007
9. Analysis Starting Date : 27.03.2025
10. Analysis Completion Date : 31.03.2025
11. Report Issue Date : 31.03.2025
12. Sampling Protocol : IS 5182: Part 14: 2019

Discipline: Chemical Group: Atmospheric Pollution Sub Group: Ambient Air ULR No: TC407125000006848F

S.No	Parameter	Protocols	Units	Result in Avg.	Standards
1	Particulate Matter PM ₁₀	IS-5182(Part-23)	µg / m ³	65.51	100
2	Particulate Matter PM _{2.5}	IS-5182(Part-24)	µg / m ³	24.47	60
3	Sulphur Dioxide as SO ₂	IS-5182(Part-2)	µg / m ³	5.60	80
4	Oxides of Nitrogen as NO _x	IS-5182(Part-6)	µg / m ³	12.93	80

INFERENCE	As per NAAQS Standards,
	Report Status :- The analyzed values for above measured parameter are within the limits

Analysed by

Authorized Signatory

B.Chinna Lingana Gouda
Chief executive of the laboratory

*** End of Report***



- Note :
- The results listed only to the tested samples & applicable parameters,
 - Water samples will destroyed after 10days, Filter papers & Thimbles will be destroyed 3months from the date of issue of test certificate unless otherwise specified. ILC sample will be destroyed 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 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 : msvallbellary2018@gmail.com, labmsv@gmail.com Website : www.msvallbellary.com



TC- 4071

MSVAL/W/RF/01/00

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ANALYSIS REPORT OF WATER QUALITY

1. Name and Address of Industry : M/s. Shree Basaveshwar Sugars Ltd.,
(Sugar Unit), NH-218, Karjol Village,
Tq/Dist : Vijayapur-586121
2. Sample Marked as : Borewell water
3. Name of the location : Baggasse Yard
4. Sample Collected By : MSV Analytical Laboratories
5. Sample quantity : Pet Bottle, 2 Liter.
6. Sample Description/condition : Good/satisfactory
7. Date of Sample Collection : 28.11.2024
8. Date of sample receipt : 29.11.2024
9. Sample Code : 40283
10. Analysis Starting Date : 29.11.2024
11. Analysis Completion Date : 03.12.2024
12. Report Issue Date : 03.12.2024

Discipline: Chemical

Group: Water

Sub Group: Ground Water

ULR NO: TC407124000029428F

S.No	Parameters	Protocol	Unit	Result	IS 10500-2018	
					Acceptable limit	Permissible limit
Physical Parameters						
1	Color	IS 3025 (Part-4)	Hazen	<1.0	Max 5	Max 15
2	pH @ 25°C	IS 3025 (Part 11)	---	7.51	6.5-8.5	No Relaxation
3	Total dissolved solids	IS 3025 (Part 16)	mg/L	754.0	Max 500	Max 2000
4	Turbidity	IS 3025 (Part 10)	NTU	0.80	Max 1	Max 5
Chemical Parameters						
5	Total Alkalinity	IS 3025: (Part 23)	mg/L	290.0	Max 200	Max 600
6	Total Hardness as CaCO ₃	IS 3025 (Part 21)	mg/L	367.2	Max 200	Max 600
7	Nitrate (as NO ₃)	IS 3025 (Part 34)	mg/L	3.60	Max 45	No relaxation
8	Chloride (as Cl)	IS 3025 (Part 32)	mg/L	111.9	Max 250	Max 1000
9	Sulphate (as SO ₄)	IS 3025 (Part 24)	mg/L	30.56	Max 200	Max 400
10	Calcium (as Ca)	IS 3025 (Part 40)	mg/L	118.9	Max 75	Max 200
11	Magnesium (as Mg)	IS 3025 (Part 46)	mg/L	16.94	Max 30	Max 100
12	Fluoride (as F)	IS 3025 (Part 60)	mg/L	0.33	Max 1.0	Max 1.5
13	Iron (as Fe)	3120 B APHA 23 rd Edition	mg/L	0.09	Max 0.3	No relaxation

INFERENCE

As per IS 10500-2018 Standards,

Report Status: - The analyzed values for above measured parameters are 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 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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TC- 4071

MSVAL/W/RF/01/00

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ANALYSIS REPORT OF WATER IN MICROBIOLOGY

1. Name and Address of Industry : M/s. Shree Basaveshwar Sugars Ltd.,
(Sugar Unit), NH-218, Karjol Village,
Tq/Dist : Vijayapur-586121
2. Sample Marked as : Borewell water
3. Name of the location : Baggasse Yard
4. Sample Collected By : MSV Analytical Laboratories
5. Sample quantity : Sterilized Bottle, 250 ml
6. Sample Description/condition : Good/satisfactory
7. Date of Sample Collection : 28.11.2024
8. Date of sample receipt : 29.11.2024
9. Sample Code : 40283
10. Analysis Starting Date : 29.11.2024
11. Analysis Completion Date : 03.12.2024
12. Report Issue Date : 03.12.2024

Discipline: Biological

Group: Water

Sub Group: Ground Water

ULR NO: TC407124000029428F

S.No	Parameters	Protocol	Unit	Result	Acceptable limit As per IS 10500: 2018
1	Total Coliforms	IS : 15185	Per 100ml	Absent	Shall not be detectable in any 100ml
2	E-Coli	IS : 15185	Per 100ml	Absent	

INFERENCE	As per IS 10500-2018 Standards, Report Status: - The analyzed values for above measured parameters are within the limits.
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Analysed by

Authorized Signatory

Ms. Eswari
Sr. Microbiologist

*** End of Report***



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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TC- 4071

MSVAL/W/RF/01/00

Page 1 of 2

ANALYSIS REPORT OF WATER QUALITY

1. Name and Address of Industry : M/s. Shree Basaveshwar Sugars Ltd.,
(Sugar Unit), NH-218, Karjol Village,
Tq/Dist : Vijayapur-586121
2. Sample Marked as : Borewell water
3. Name of the location : Baggasse Yard
4. Sample Collected By : MSV Analytical Laboratories
5. Sample quantity : Pet Bottle, 2 Liter.
6. Sample Description/condition : Good/satisfactory
7. Date of Sample Collection : 27.01.2025
8. Date of sample receipt : 28.01.2025
9. Sample Code : 3445
10. Analysis Starting Date : 28.01.2025
11. Analysis Completion Date : 31.01.2025
12. Report Issue Date : 31.01.2025

Discipline: Chemical

Group: Water

Sub Group: Ground Water

ULR NO: TC407125000002068F

S.No	Parameters	Protocol	Unit	Result	IS 10500-2018	
					Acceptable limit	Permissible limit
Physical Parameters						
1	Color	IS 3025 (Part-4)	Hazen	<1.0	Max 5	Max 15
2	pH @ 25°C	IS 3025 (Part 11)	---	7.71	6.5-8.5	No Relaxation
3	Total dissolved solids	IS 3025 (Part 16)	mg/L	720.0	Max 500	Max 2000
4	Turbidity	IS 3025 (Part 10)	NTU	0.82	Max 1	Max 5
Chemical Parameters						
5	Total Alkalinity	IS 3025: (Part 23)	mg/L	326.4	Max 200	Max 600
6	Total Hardness as CaCO ₃	IS 3025 (Part 21)	mg/L	398.7	Max 200	Max 600
7	Nitrate (as NO ₃)	IS 3025 (Part 34)	mg/L	4.59	Max 45	No relaxation
8	Chloride (as Cl)	IS 3025 (Part 32)	mg/L	135.1	Max 250	Max 1000
9	Sulphate (as SO ₄)	IS 3025 (Part 24)	mg/L	41.36	Max 200	Max 400
10	Calcium (as Ca)	IS 3025 (Part 40)	mg/L	147.1	Max 75	Max 200
11	Magnesium (as Mg)	IS 3025 (Part 46)	mg/L	18.78	Max 30	Max 100
12	Fluoride (as F)	IS 3025 (Part 60)	mg/L	0.51	Max 1.0	Max 1.5
13	Iron (as Fe)	3120 B APHA 23 rd Edition	mg/L	0.06	Max 0.3	No relaxation

INFERENCE

As per IS 10500-2018 Standards,

Report Status: - The analyzed values for above measured parameters are 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 samples will destroyed after 10days, Filter papers & Thimbles will be destroyed 3months from the date of issue of test certificate unless otherwise specified. ILC sample will be destroyed after 1 month from the date of test certificate issue.

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ANALYSIS REPORT OF WATER IN MICROBIOLOGY

1. Name and Address of Industry : M/s. Shree Basaveshwar Sugars Ltd.,
(Sugar Unit), NH-218, Karjol Village,
Tq/Dist : Vijayapur-586121
2. Sample Marked as : Borewell water
3. Name of the location : Baggasse Yard
4. Sample Collected By : MSV Analytical Laboratories
5. Sample quantity : Sterilized Bottle, 250 ml
6. Sample Description/condition : Good/satisfactory
7. Date of Sample Collection : 27.01.2025
8. Date of sample receipt : 28.01.2025
9. Sample Code : 3446
10. Analysis Starting Date : 28.01.2025
11. Analysis Completion Date : 31.01.2025
12. Report Issue Date : 31.01.2025

Discipline: Biological

Group: Water

Sub Group: Ground Water

ULR NO: TC407125000002069F

S.No	Parameters	Protocol	Unit	Result	Acceptable limit As per IS 10500: 2018
1	Total Coliforms	IS : 15185	Per 100ml	Absent	Shall not be detectable in any 100ml
2	E-Coli	IS : 15185	Per 100ml	Absent	

INFERENCE	As per IS 10500-2018 Standards,
	Report Status: - The analyzed values for above measured parameters are within the limits.

Analysed by

Authorized Signatory

Ms. Eswari
Sr. Microbiologist

*** End of Report ***



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

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