

Recognition by MoEF Under Environment (Protection) Act, 1986 and Accredited by NABL (Certified by ISO 14001:2015, ISO 45001:2018, ISO 9001:2015, ISO 22000:2018)

C.M.C Ward No 18 & C.T.C W.No.16, T.S No 695 / A / 32 / B1, Block No 19 (1st & 2nd Floor) Sanganakallu Road, KEB Circle, Bellary - 583103. Contact No : Mob: 9449803895, (0):9945456764, 08392-255169

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



MSVAL/AA/RF/01/00

ANALYSIS REPORT OF AMBIENT AIR QUALITY

Name and Address of Industry

M/s. Shree Basaveshwar Sugars Ltd., (Sugar Unit), NH-218, Karjol Village,

Tq/Dist: Vijayapur-586121 Near Boiler Area

2. Name of the location

MSV Analytical Laboratories

3. Sample Collected By Particulars of the sampling Equipments 4.

Sample collected with FDS GTI-131& RDS APM-460

Duration of Monitoring 5.

24 Hours

Date of Monitoring 6. Date of Sample Receipt 7.

28.11.2024

8. Sample Code 29.11.2024 40270

9 **Analysis Starting Date**

29.11.2024

10. **Analysis Completion Date** 02.12.2024

11. Report Issue Date 12. Sampling Protocol 03.12.2024

IS 5182: Part 14: 2019

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

S.No	Parameter	Protocols	Units	Result in Avg.	Standards
1	Particulate Matter PM ₁₀	IS-5182(Part-23)	μg / m³	74.26	100
2	Particulate Matter PM _{2.5}	IS-5182(Part-24)	μg / m³	29.58	60
3	Sulphur Dioxide as SO ₂	IS-5182(Part-2)	μg / m³	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

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.

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ANALYSIS REPORT OF AMBIENT AIR QUALITY

Name and Address of Industry

M/s. Shree Basaveshwar Sugars Ltd., (Sugar Unit), NH-218, Karjol Village,

Tq/Dist: Vijayapur-586121

Name of the location

Near Boiler Area

Sample Collected By 3.

MSV Analytical Laboratories

Particulars of the sampling Equipments

Sample collected with FDS GTI-131& RDS APM-460

Duration of Monitoring 5.

24 Hours

Date of Monitoring 7. Date of Sample Receipt 27.01.2025 28.01.2025

8. Sample Code 3435 28.01.2025

Analysis Starting Date 10. **Analysis Completion Date**

30.01.2025

11. **Report Issue Date** 12. **Sampling Protocol** 31.01.2025

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 / m³	74.24	100
2	Particulate Matter PM _{2.5}	IS-5182(Part-24)	μg / m³	23.15	60
3	Sulphur Dioxide as SO ₂	IS-5182(Part-2)	μg / m³	6.92	80
. 4	Oxides of Nitrogen as NO _x	IS-5182(Part-6)	μg / m³	13.69	80

WILLIAM OF	As per NAAQS Standards,
INFERENCE	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/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

Name of the location 2.

Near Office Area

Sample Collected By 3.

MSV Analytical Laboratories

4. Particulars of the sampling Equipments Sample collected with FDS GTI-131& RDS APM-460

Duration of Monitoring 5. 6. **Date of Monitoring**

24 Hours

Date of Sample Receipt 7.

28.11.2024 29.11.2024

8. Sample Code **Analysis Starting Date** 9.

40272 29.11.2024

Analysis Completion Date 10.

02.12.2024

11. **Report Issue Date Sampling Protocol** 12.

03.12.2024 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 / m³	56.34	100
2	Particulate Matter PM _{2.5}	IS-5182(Part-24)	μg / m³	15.47	60
3	Sulphur Dioxide as SO ₂	IS-5182(Part-2)	μg / m³	4.16	80
4	Oxides of Nitrogen as NO _x	IS-5182(Part-6)	μg / m³	9.78	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, 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

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ANALYSIS REPORT OF AMBIENT AIR QUALITY

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

Particulars of the sampling Equipments 4.

Sample collected with FDS GTI-131& RDS APM-460

Duration of Monitoring Date of Monitoring

24 Hours

6. **Date of Sample Receipt** 27.01.2025 28.01.2025

8. Sample Code 3437

9. **Analysis Starting Date** 10. **Analysis Completion Date** 28.01.2025

11. **Report Issue Date** 30.01.2025

31.01.2025

12. **Sampling Protocol** IS 5182: Part 14: 2019

Sub Group: Ambient Air ULR No: TC407125000002063F

Discipline: Chemical Group: Atmospheric Pollution

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

INCEDENCE	As per NAAQS Standards,
INFERENCE	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



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 ETP Plant**

3. Sample Collected By MSV Analytical Laboratories

Particulars of the sampling Equipments 4.

Sample collected with FDS GTI-131& RDS APM-460

Duration of Monitoring 6. **Date of Monitoring**

24 Hours

Date of Sample Receipt

28.11.2024 29.11.2024

8 Sample Code 9. **Analysis Starting Date**

40271 29.11.2024

10. **Analysis Completion Date** 11. Report Issue Date

02.12.2024 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 / m³	63.58	100
2	Particulate Matter PM _{2.5}	IS-5182(Part-24)	μg / m³	22.65	60
3	Sulphur Dioxide as SO ₂	IS-5182(Part-2)	μg / m³	6.23	80
4	Oxides of Nitrogen as NO _x	IS-5182(Part-6)	μg / m³	11.06	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, Pollution & Environment & Food samples will discard after 10 days. Ores and minerals, Filter papers & Thimbles will discard 3 months from the date of issue of test certificate unless otherwise specified. ILC samples will be discard after 1 month from the date of test certificate issue.

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MSVAL/AA/RF/01/00

ANALYSIS REPORT OF AMBIENT AIR QUALITY

Name and Address of Industry

M/s. Shree Basaveshwar Sugars Ltd., (Sugar Unit), NH-218, Karjol Village,

2. Name of the location

Sample Collected By 3.

4. Particulars of the sampling Equipments

Duration of Monitoring 5.

6. **Date of Monitoring** 7. **Date of Sample Receipt**

8. Sample Code

9. **Analysis Starting Date** 10. **Analysis Completion Date**

Report Issue Date 11.

12. **Sampling Protocol**

Tq/Dist: Vijayapur-586121

Near ETP Plant

MSV Analytical Laboratories

Sample collected with FDS GTI-131& RDS APM-460

24 Hours

27.01.2025 28.01.2025

3436

28.01.2025

30.01.2025 31.01.2025

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 / m³	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 / m³	12.11	80

	As per NAAQS Standards,
INFERENCE	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



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/AA/RF/01/00

ANALYSIS REPORT OF AMBIENT AIR QUALITY

Name and Address of Industry 1.

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

Particulars of the sampling Equipments 4.

Sample collected with FDS GTI-131& RDS APM-460

5. **Duration of Monitoring** 24 Hours

Date of Monitoring 6. **Date of Sample Receipt** 28.11.2024

8 Sample Code 29.11.2024 40269

Analysis Starting Date 9. 10.

29.11.2024 02.12.2024

Analysis Completion Date 11. **Report Issue Date**

03.12.2024

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 / m³	80.54	100
2	Particulate Matter PM _{2.5}	IS-5182(Part-24)	μg / m³	31.36	60
3	Sulphur Dioxide as SO ₂	IS-5182(Part-2)	μg / m³	6.06	80
4	Oxides of Nitrogen as NO _x	IS-5182(Part-6)	μg / m³	12.31	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



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

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ANALYSIS REPORT OF AMBIENT AIR QUALITY

Name and Address of Industry

(Sugar Unit), NH-218, Karjol Village,

Tq/Dist: Vijayapur-586121

2. Name of the location

Sample Collected By 3.

Particulars of the sampling Equipments 4.

5. **Duration of Monitoring**

Date of Monitoring 6.

Date of Sample Receipt 7.

8. Sample Code

Analysis Starting Date 9.

10. **Analysis Completion Date Report Issue Date** 11.

Sampling Protocol

M/s. Shree Basaveshwar Sugars Ltd.,

Near Main Gate

MSV Analytical Laboratories

Sample collected with FDS GTI-131& RDS APM-460

24 Hours

27.01.2025

28.01.2025

3434

28.01.2025

30.01.2025

31.01.2025

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 / m³	81.37	100
2	Particulate Matter PM _{2.5}	IS-5182(Part-24)	$\mu g / m^3$	28.19	60
3	Sulphur Dioxide as SO ₂	IS-5182(Part-2)	μg / m³	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,
INFERENCE	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/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 Monitoring6. Date of Monitoring

24 Hours 28.11.2024

7. Date of Monitoring
Receipt
Sample Code

28.11.2024 29.11.2024 40273

Sample Code
 Analysis Starting Date
 Analysis Completion Date

: 29.11.2024 : 02.12.2024

11. Report Issue Date

03.12.2024

12. Sampling Protocol

: IS 5182: Part 14: 2019

Sub Group: Ambient Air ULR No: TC407124000029422F

Discipline: Chemical Group: Atmospheric Pollution

S.No	Parameter	Protocols	Units	Result in Avg.	Standards
1	Particulate Matter PM ₁₀	IS-5182(Part-23)	μg / m³	75.36	100
2	Particulate Matter PM _{2.5}	IS-5182(Part-24)	μg / m³	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 / m³	13.14	80

	As per NAAQS Standards,
INFERENCE	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 deport***



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. Shree Basaveshwar Sugars Ltd.,

(Distillery Unit) NH-218, Karjol Village,

2. Name of the location

Tq&Dist: Vijayapur-586108 Near Weigh Bridge

Sample Collected By 3.

MSV Analytical Laboratories

4. Particulars of the sampling Equipments Sample collected with FDS GTI-131& RDS APM-460

Duration of Monitoring 5.

24 Hours

Date of Monitoring 6. **Date of Sample Receipt** 7.

27.01.2025 28.01.2025

8. Sample Code

9.

3447

Analysis Starting Date 10. **Analysis Completion Date** 28.01.2025

Report Issue Date 11.

30.01.2025

30.01.2025

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 / m³	76.28	100
2	Particulate Matter PM _{2.5}	IS-5182(Part-24)	μg / m³	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 / m³	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,

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



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, (0): 08392-255169,



TC- 407

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

MSVAL/AA/RF/01/00

ANALYSIS REPORT OF AMBIENT AIR QUALITY

1. Name and Address of Industry

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 Monitoring7. Date of Sample Receipt

26.03.2025 27.03.2025

8. Sample Code

27.03.2025 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

Discipline: Chemical Group: Atmospheric Pollution

: IS 5182: Part 14: 2019

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 / m³	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 / m³	13.11	80

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

Analysed by

TEL

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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MSVAL/AA/RF/01/00

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

ANALYSIS REPORT OF AMBIENT AIR QUALITY

Name and Address of Industry

M/s. Shree Basaveshwar Sugars Ltd.,

(Distillery Unit)

NH-218, Karjol Village,

Tq&Dist: Vijayapur-586108

Name of the location

Near Boiler

Sample Collected By

MSV Analytical Laboratories

Particulars of the sampling Equipments

Sample collected with FDS GTI-131& RDS APM-460

Duration of Monitoring Date of Monitoring

24 Hours

6. Date of Sample Receipt 28.11.2024 29.11.2024

8. Sample Code 40230

Analysis Starting Date Analysis Completion Date 10.

29.11.2024 03.12.2024

Report Issue Date 11. Sampling Protocol 03.12.2024 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 / m³	69.35	100
2	Particulate Matter PM _{2.5}	IS-5182(Part-24)	$\mu g / m^3$	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)	$\mu g / m^3$	13.50	80

As per NAAQS Standards, INFERENCE 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



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

MSVAL/AA/RF/01/00

ANALYSIS REPORT OF AMBIENT AIR QUALITY

. 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

Discipline: Chemical Group: Atmospheric Pollution

: Sample collected with FDS GTI-131& RDS APM-460

5. Duration of Monitoring6. Date of Monitoring

24 Hours 27.01.2025

6. Date of Monitoring7. Date of Sample Receipt

: 28.01.2025

8. Sample Code

: 3448

9. Analysis Starting Date10. Analysis Completion Date

: 28.01.2025 : 30.01.2025

11. Report Issue Date

: 30.01.2025

12. Sampling Protocol

: IS 5182: Part 14: 2019

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 / m³	71.47	100
2	Particulate Matter PM _{2.5}	IS-5182(Part-24)	μg / m³	36.13	60
3	Sulphur Dioxide as SO ₂	IS-5182(Part-2)	μg / m³	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,
MAT DALBATOD	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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MSVAL/AA/RF/01/00

ANALYSIS REPORT OF AMBIENT AIR QUALITY

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

Sample Collected By 3.

MSV Analytical Laboratories Particulars of the sampling Equipments Sample collected with FDS GTI-131& RDS APM-460 4.

5. **Duration of Monitoring** 24 Hours **Date of Monitoring** 26.03.2025 6. **Date of Sample Receipt** 27.03.2025 7. Sample Code 10006 8. **Analysis Starting Date** 27.03.2025 9.

Analysis Completion Date 31.03.2025 10. **Report Issue Date** 31.03.2025 11.

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 / m³	68.28	100
2	Particulate Matter PM _{2.5}	IS-5182(Part-24)	μg / m³	26.72	60
3	Sulphur Dioxide as SO ₂	IS-5182(Part-2)	μg / m³	7.30	80
4	Oxides of Nitrogen as NO _x	IS-5182(Part-6)	μg / m³	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



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



MSVAL/AN/RF/01/00

AMBIENT NOISE LEVEL MONITORING REPORT

Name and Address of the Industry

M/s. Shree Basaveshwar Sugars Ltd.,

(Sugar Unit), NH-218, Karjol Village,

Tq/Dist: Vijayapur-586121 MSV Analytical Laboratories

Sample Collected By

Particulars of Sample Collected 3.

Noise meter 28.11.2024

Date of Monitoring Report Issue Date

03.12.2024

Method Adopted

IS 9989: 2020

Discipline: Chemical

Group: Atmospheric Pollution

Sub Group: Ambient Noise ULR NO: TC407124000029425F

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



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

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

MSVAL/AN/RF/01/00

AMBIENT NOISE LEVEL MONITORING REPORT

Name and Address of the Industry

M/s. Shree Basaveshwar Sugars Ltd.,

(Sugar Unit), NH-218, Karjol Village, Tq/Dist: Vijayapur-586121

Sample Collected By

MSV Analytical Laboratories

3. Particulars of Sample Collected Noise meter

Date of Monitoring Report Issue Date 5. Method Adopted

27.01.2025 31.01.2025 IS 9989: 2020

Discipline: Chemical

Group: Atmospheric Pollution

Sub Group: Ambient Noise ULR NO: TC407125000002065F

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



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

MSVAL/AN/RF/01/00

AMBIENT NOISE LEVEL MONITORING REPORT

Name and Address of the Industry

M/s. Shree Basaveshwar Sugars Ltd.,

(Distillery Unit)

NH-218, Karjol Village,

Sample Collected By

Tq&Dist: Vijayapur-586108 MSV Analytical Laboratories

Particulars of Sample Collected 3. 4. **Date of Monitoring**

Noise meter 28.11.2024

Report Issue Date 5. Method Adopted

03.12.2024 IS 9989: 2020

Discipline: Chemical

2.

Group: Atmospheric Pollution

Sub Group: Ambient Noise ULR NO: TC407124000029458F

			Time Frequency	Results (Day time)			
S.No	Sample Location	Sample Code		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	
2	Near Cooling Tower	40233	01.05pm to 01.20pm	61.4	57.8	63.8	75 (6.00am to
3	Near Boiler	40234	01.35pm to 01.50pm	70.1	66.9	68.1	10.00pm)

	As per KSPCB Standards,	
INFERENCE		
	Report Status :- The Noise level for the all locations is within the limits	

Analysed by

Chief executive of the laboratory

*** End of Rep



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

Name and Address of the Industry

M/s. Shree Basaveshwar Sugars Ltd.,

(Distillery Unit)

NH-218, Karjol Village, Tq&Dist: Vijayapur-586108

Sample Collected By

MSV Analytical Laboratories

3. Particulars of Sample Collected Noise meter

Date of Monitoring Report Issue Date

27.01.2025 30.01.2025

Method Adopted

IS 9989: 2020

Discipline: Chemical

Group: Atmospheric Pollution

Sub Group: Ambient Noise ULR NO: TC407125000002074F

			Time Frequency	Results (Day time)			
S.No	Sample Location	Sample Code		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	
2	Near Cooling Tower	3452	02.10pm to 02.25pm	69.6	66.9	68.7	75 (6.00am to
3	Near Boiler	3453	02.35.pm to 02.50pm	64.7	60.0	62.8	10.00pm)

INFERENCE	As per KSPCB Standards,	
4	Report Status:- The Noise level for the all locations is within the limits	

Analysed by

Authorized Signatory

B.Chinna Lingana Gouda Chief executive of the laboratory



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

2. Water 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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TC-4071

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

AMBIENT NOISE LEVEL MONITORING REPORT

MSVAL/AN/RF/01/00

1. Name and Address of the Industry

M/s. Shree Basaveshwar Sugars Ltd.,

(Distillery Unit)

NH-218, Karjol Village,

2. Sample Collected By

Tq&Dist: Vijayapur-586108 MSV Analytical Laboratories

3. Particulars of Sample Collected

Noise meter

4. Date of Monitoring5. Report Issue Date

26.03.2025 31.03.2025

6. Method Adopted

IS 9989: 2020

Discipline: Chemical

Group: Atmospheric Pollution

Sub Group: Ambient Noise ULR NO: TC407125000006850F

			Results (Day time)				
S.No	Sample Location	Sample Code	Time Frequency	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
2	Near Cooling Tower	10010	11.10am to 11.25am	70.6	67.9	69.8	(6.00am to
3	Near Boiler	10011	11.30am to 11.45am	72.8	69.5	71.4	10.00pm)

INFERENCE	As per KSPCB Standards,	*
	Report Status:- The Noise level for the all locations is within the limits	

Analysed by

E L

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.

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.



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)

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



TC-4071

MSVAL/W/RF/01/00

ANALYSIS REPORT OF WATER QUALITY

: M/s. Shree Basaveshwar Sugars Ltd.,

(Sugar Unit), NH-218, Karjol Village,

Tq/Dist: Vijayapur-586121

Sample Marked as : Treated water

Name and Address of Industry

2.

3. Name of the location
4. Sample Collected By
5. Effluent Treatment Plant
6. MSV Analytical Laboratories

5. Sample quantity Pet Bottle, 2 Liter. Sample Description/condition Water/Good 6. 7. **Date of Sample Collection** 28.11.2024 Date of sample receipt 8 29.11.2024 9. Sample Code 40278 10. **Analysis Starting Date** 29.11.2024 **Analysis Completion Date** 03.12.2024

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 23rd 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	.e.
7	Total Suspended solids	2540 F APHA 23 rd Edition	mg/L	30.0	_ Max 100
8	Total Dissolved solids	2540 C APHA 23rd Edition	mg/L	1215.0	Max 2100

INFERENCE

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.

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



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



TC-4071

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

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 By5. Sample quantity

MSV Analytical Laboratories Pet Bottle, 2 Liter.

5. Sample quantity
6. Sample Description/condition
7. Date of Sample Collection

Water/Good 27.01.2025

8. Date of sample receipt9. Sample Code

28.01.2025 3443

10. Analysis Starting Date11. Analysis Completion Date12. Report Issue Date

28.01.2025 31.01.2025 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)	- 100	Unobjectionable	•
3	рН @ 25°C	4500 H+ B APHA 23rd 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 23rd Edition	mg/L	29.0	Max 100
8	Total Dissolved solids	2540 C APHA 23rd Edition	mg/L	1240.0	Max 2100

As per KSPCB Standards
INFERENCE

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

Analysed by

AA

Authorized Signatory

B.Chinna Lingana Gouda Chief executive of the laboratory

C1-2

*** End of Report***



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.



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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

Name and Address of the Industry

M/s. Shree Basaveshwar Sugars Ltd.,

(Sugar Unit), NH-218, Karjol Village,

Tq/Dist: Vijayapur-586121

Stack ID

130 TPH Boiler

Sample Collected By 3. **Date of Monitoring**

MSV Analytical Laboratories 28.11.2024

Date of Sample Receipt

29.11.2024

Sample Code 7. **Analysis Starting Date** 40275 29.11.2024

Analysis Completion Date 8. Report Issue date

02.12.2024 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 Bagasse		
Fuel Used			
Ambient Temperature (°C)	30		
Stack Temperature (°C)	126		
Velocity (m/s)	7.98		
Height (m)	82		
Diameter (m)	2.35		
Cross sectional area (m2)	4.3393		

Parameters	Protocol	Unit	Result	Standard	
Particulate Matter	IS-11255(Part1)	mg/Nm³	113.7	150	
Sulphur dioxide	IS-11255(Part2)	mg/Nm³	15.68	-	
Nitrogen dioxide	IS-11255(Part7)	mg/Nm³	33.40	-	

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

- C1. h

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- 407

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

MSVAL/SE/RF/01/00

ANALYSIS REPORT FOR SOURCE EMISSION

. 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 Date8. Analysis Completion Date

28.01.2025 30.01.2025

9. Report Issue date

31.01.2025

Discipline: Chemical

Group: Atmospheric Pollution

Sub Group: Stack emission

ULR No: TC407125000002064F

GENERAL DETAILS

Sample collected with GTI-121
Bagasse
30
142
8.95
82
2.35
4.3393

RESULTS

Parameters	Protocol	Unit	Result	Standard	
Particulate Matter	IS-11255(Part1)	mg/Nm³	138.8	150	
Sulphur dioxide	IS-11255(Part2)	mg/Nm³	14.72	-	
Nitrogen dioxide	IS-11255(Part7)	mg/Nm³	35.06		

INFERENCE

As per KSPCB Standards,

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

Analysed by

*** End of Repor

Authorized Signatory

B.Chinna Lingana Gouda Chief executive of the laboratory

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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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.

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



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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 Monitoring5. Date of Sample Receipt

28.11.2024 29.11.2024

Date of Sample Receipt
 Sample Code

40274 29.11.2024

7. Analysis Starting Date8. 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 Bagasse		
Fuel Used			
Ambient Temperature (°C)	30		
Stack Temperature (°C)	118		
Velocity (m/s)	8.20		
Height (m)	82		
Diameter (m)	2.35		
Cross sectional area (m²)	4.3393		

RESULTS

Parameters	Protocol	Unit	Result	Standard	
Particulate Matter	IS-11255(Part1)	mg/Nm³	47.61	150	
Sulphur dioxide	IS-11255(Part2)	mg/Nm³	12.58	-	
Nitrogen dioxide	IS-11255(Part7)	mg/Nm³	26.36	-	

INFERENCE

As per KSPCB Standards,

no per nor es staman as

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

Analysed by

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.

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MSVAL/SE/RF/01/00

ANALYSIS REPORT FOR SOURCE EMISSION

Name and Address of the Industry

M/s. Shree Basaveshwar Sugars Ltd.,

(Distillery Unit)

NH-218, Karjol Village, Tq&Dist: Vijayapur-586108

Stack ID 2.

30 TPH Boiler

3. Sample Collected By MSV Analytical Laboratories

Date of Monitoring

27.01.2025

5. **Date of Sample Receipt** 28.01.2025

Sample Code

3450

Analysis Starting Date 8. **Analysis Completion Date** 28.01.2025 30.01.2025

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 (m²)	4.3393

RESULTS

Parameters	Parameters Protocol		Result	Standard	
Particulate Matter	IS-11255(Part1)	mg/Nm³	48.12	150	
Sulphur dioxide	IS-11255(Part2)	mg/Nm³	13.09	-	
Nitrogen dioxide	IS-11255(Part7)	mg/Nm³	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



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 FOR SOURCE EMISSION

MSVAL/SE/RF/01/00

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

Sample Collected By 3.

MSV Analytical Laboratories

Date of Monitoring

26.03.2025

Date of Sample Receipt 5.

27.03.2025

Sample Code

10008

Analysis Starting Date Analysis Completion Date 8.

27.03.2025

31.03.2025

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 (m²)	4.3393		

RESULTS

Parameters	Protocol	Unit	Result	Standard
Particulate Matter	IS-11255(Part1)	mg/Nm³	46.20	150
Sulphur dioxide	IS-11255(Part2)	mg/Nm³	14.69	-
Nitrogen dioxide	IS-11255(Part7)	mg/Nm³	30.05	•

As per KSPCB Standards, INFERENCE 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



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

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**

Sample Collected By 3.

MSV Analytical Laboratories

Particulars of the sampling Equipments 4.

Discipline: Chemical Group: Atmospheric Pollution

Sample collected with FDS GTI-131& RDS APM-460

Duration of Monitoring 5.

24 Hours

Date of Monitoring 6. Date of Sample Receipt 7.

28.11.2024

8. Sample Code 29.11.2024 40231

Analysis Starting Date 9.

29.11.2024

10. **Analysis Completion Date** 03.12.2024

11. **Report Issue Date** 03.12.2024

Sampling Protocol

IS 5182: Part 14: 2019

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 / m³	61.28	100
2	Particulate Matter PM _{2.5}	IS-5182(Part-24)	$\mu g / m^3$	20.94	60
3	Sulphur Dioxide as SO ₂	IS-5182(Part-2)	$\mu g / m^3$	5.41	80
4	Oxides of Nitrogen as NO _x	IS-5182(Part-6)	$\mu g / m^3$	10.26	80

·	As per NAAQS Standards,
INFERENCE	
	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



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

Name and Address of Industry

M/s. Shree Basaveshwar Sugars Ltd.,

(Distillery Unit) NH-218, Karjol Village, Tq&Dist: Vijayapur-586108

Name of the location 2.

Near Cooling Tower

3. Sample Collected By MSV Analytical Laboratories

Particulars of the sampling Equipments 4.

Discipline: Chemical Group: Atmospheric Pollution

Sample collected with FDS GTI-131& RDS APM-460

5. **Duration of Monitoring** 24 Hours

6. **Date of Monitoring Date of Sample Receipt** 27.01.2025

7. Sample Code 8.

28.01.2025 3449

Analysis Starting Date

28.01.2025

Analysis Completion Date 10.

30.01.2025

Report Issue Date

30.01.2025

Sampling Protocol

IS 5182: Part 14: 2019

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 / m³	64.81	100
2	Particulate Matter PM _{2.5}	IS-5182(Part-24)	μg / m³	24.22	60
3	Sulphur Dioxide as SO ₂	IS-5182(Part-2)	μg / m³	5.10	80
4	Oxides of Nitrogen as NO _x	IS-5182(Part-6)	μg / m ³	12.43	80

	As per NAAQS Standards,
INFERENCE	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

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

MSVAL/AA/RF/01/00

ANALYSIS REPORT OF AMBIENT AIR QUALITY

1. Name and Address of Industry M/s. Shree Basaveshwar Sugars Ltd.,

(Distillery Unit) NH-218, Karjol Village, Tq&Dist: Vijayapur-586108

Name of the location 2.

Near Cooling Tower

Sample Collected By 3.

MSV Analytical Laboratories

4. Particulars of the sampling Equipments Sample collected with FDS GTI-131& RDS APM-460

Duration of Monitoring 5.

24 Hours

Date of Monitoring 6. **Date of Sample Receipt** 7.

26.03.2025 27.03.2025

8. Sample Code 10007

Analysis Starting Date 9.

27.03.2025

Analysis Completion Date 10. Report Issue Date

31.03.2025 31.03.2025

11. **Sampling Protocol** 12.

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 / m³	65.51	100
2	Particulate Matter PM _{2.5}	IS-5182(Part-24)	μg / m³	24.47	60
3	Sulphur Dioxide as SO ₂	IS-5182(Part-2)	$\mu g / m^3$	5.60	80
4	Oxides of Nitrogen as NO _x	IS-5182(Part-6)	μg / m ³	12.93	80

	As per NAAQS Standards,
INFERENCE	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



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

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



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

Sample Marked as
 Name of the location

Borewell water Baggasse Yard

4. Sample Collected By

MSV Analytical Laboratories Pet Bottle, 2 Liter.`

Sample quantity
 Sample Description/condition
 Date of Sample Collection

Analysis Starting Date

Good/satisfactory 28.11.2024

Date of Sample Conections
 Date of sample receipt
 Sample Code

29.11.2024 40283 29.11.2024

11. Analysis Completion Date12. Report Issue Date

03.12.2024 03.12.2024

Discipline: Chemical

10.

Group: Water

Sub Group: Ground Water

ULR NO: TC407124000029428F

	Parameters	Protocol	Unit	Result	IS 10500-2018	
S.No					Acceptable limit	Permissible limit
	C- 000000000000000000000000000000000000	Physical Pa	arameters			
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 P	arameters			
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 23rd Edition	mg/L	0.09	Max 0.3	No relaxation

As per IS 10500-2018 Standards,

INFERENCE

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.

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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, (0):9945456764, 08392-255169

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



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.,

Tq/Dist: Vijavapur-586121

(Sugar Unit), NH-218, Karjol Village,

Sample Marked as
 Name of the location

: Borewell water : Baggasse Yard

4. Sample Collected By
5. Sample quantity

: MSV Analytical Laboratories: Sterilized Bottle, 250 ml

6. Sample Description/condition
7. Date of Sample Collection
8. Date of sample receipt

Good/satisfactory 28.11.2024

8. Date of sample receipt9. Sample Code10. Analysis Starting Date

29.11.2024 40283 29.11.2024

11. Analysis Starting Date12. Report Issue Date

03.12.2024 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	
2	E-Coli	IS: 15185	Per 100ml	Absent	any 100ml	

INFERENCE

As per IS 10500-2018 Standards,

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

Analysed by

*** End of Report***

Ms. Eswari Sr. Microbiologist

Authorized Signatory

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

Name and Address of Industry

M/s. Shree Basaveshwar Sugars Ltd.,

(Sugar Unit), NH-218, Karjol Village,

Tq/Dist: Vijayapur-586121

Sample Marked as 2.

Borewell water **Baggasse Yard**

Name of the location 3. 4. Sample Collected By

MSV Analytical Laboratories

5. Sample quantity

Pet Bottle, 2 Liter.

6. Sample Description/condition 7.

Good/satisfactory

Date of Sample Collection 8. Date of sample receipt

27.01.2025 28.01.2025

Sample Code 9.

3445

Analysis Starting Date 10. 11. **Analysis Completion Date** 28.01.2025 31.01.2025

Report Issue Date

31.01.2025

Discipline: Chemical

Group: Water

Sub Group: Ground Water

ULR NO: TC407125000002068F

S.No	Daramotore	Parameters Protocol Unit Result	IInit	Dogula	IS 10500-2018		
2.NO	Parameters		Acceptable limit	Permissible limit			
		Physical P	arameters	FUTO D			
1	Color	IS 3025 (Part-4)	Hazen	<1.0	Max 5	Max 15	
2	рН @ 25°C	IS 3025 (Part 11)	7	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 P	arameters	-			
5	Total Alkalinity	IS 3025: (Part 23)	mg/L	326.4	Max 200	Max 600	
6	Total Hardness as CaCO ₃	ÍS 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 23rd Edition	mg/L	0.06	Max 0.3	No relaxation	

WINDENSE	As per IS 10500-2018 Standards,
INFERENCE	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

- U-2



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

Name and Address of Industry

M/s. Shree Basaveshwar Sugars Ltd.,

(Sugar Unit), NH-218, Karjol Village,

2. Sample Marked as Tq/Dist: Vijayapur-586121 **Borewell** water

3. Name of the location Baggasse Yard

Sample Collected By

MSV Analytical Laboratories

Sample quantity Sample Description/condition Sterilized Bottle, 250 ml

Date of Sample Collection

Good/satisfactory 27.01.2025

Date of sample receipt

28.01.2025

Sample Code **Analysis Starting Date** 10.

3446

Analysis Completion Date

28.01.2025 31.01.2025

Report Issue Date 12.

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	
2	E-Coli	IS: 15185	Per 100ml	Absent	any 100ml	

INFERENCE

As per IS 10500-2018 Standards,

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

Analysed by

Authorized Signatory

Pugaral Ms. Eswari Sr. Microbiologist

*** End of Rep



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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