



ISO 9001, 14001 & 45001
CERTIFIED COMPANY

LAWN ENVIRO ASSOCIATES

[Engineers & Consultants in Pollution Control]

Recognised by Ministry of Environment Forest & Climate Change (MoEF & CC), GOI, New Delhi
& Laboratory Accredited by NABL

TEST REPORT

REF.NO: LAWN/VSTIL-M/2023

Date: 20-02-2023

WATER ANALYSIS

Name of the Industry & : **M/s. VST INDUSTRIES LIMITED,**
Address : Sy. Nos. 104,105,107,108 of Kondapur Village
Sy. Nos. 228, 229 of Muppireddypally Village,
Manoharabad Mandal, Medak (Dist) - 502 336

Sample Particulars : Drinking Water (Canteen Dispensary Unit)
Date of Collection : 11-02-2023
Date of Analysis : 13-02-2023
PROTOCOL : A.P.H.A. 23rd Edition

As per IS:10500 - 2012			
		Requirement (Acceptable Limit)	Permissible Limit in the absence of alternate source
1. pH	: 7.51	6.50 - 8.50	No relaxation
2. Color	: <1.0	05 max	15 max
3. Odour	: Agreeable	Agreeable	Agreeable
4. E.C (micromhos/cm)	: 112	--	--
5. Turbidity (NTU)	: <1.0	01 max	05 max
6. Total dissolved solids	: 60	500 max	2000 max
7. Total alkalinity as CaCO ₃	: 20	200 max	600 max
8. Phenolphthalein alkalinity as CaCO ₃	: Nil	--	--
9. Methyl orange alkalinity as CaCO ₃	: 20	200 max	600 max
10. Total hardness as CaCO ₃	: 42	200 max	600 max
11. Calcium as Ca	: 8.61	75 max	200 max
12. Magnesium as Mg	: 4.82	30 max	100 max
13. Sodium as Na	: 11.85	--	--
14. Potassium as K	: 1.78	--	--
15. Chloride as Cl	: 26.63	250 max	1000 max
16. Sulphate as SO ₄	: 5.44	200 max	400 max
17. Nitrates as NO ₃	: 1.39	45 max	No relaxation
18. Iron as Fe	: <0.10	0.3 max	No relaxation
19. Fluorides as F	: 0.12	1.0 max	1.5 max

BACTERIOLOGICAL ANALYSIS

1. Total Plate count/ml	: 74 CFU	--	--
2. MPN of Coliform/100 ml	: Absent	Absent	Absent
3. MPN of E-Coli/100ml	: Absent	Absent	Absent

Note: All the values except pH & E.C. are expressed in mg/L.

AUTHORISED SIGNATORY

Head Office : "LAWN HOUSE", #184-C, Vengalrao Nagar, Hyderabad - 500 038. (T.S.) INDIA. Tel : 040-66730925, 66730926, Fax : 040-66730926

Branch Office : D.No.31-58-103, MIG-71, Phase-7, Road No.4/4, Dwarakapuri Colony, Kurmanapallem, Vishakhapatnam-530046. Tel : 9701505182

E-mail : lawnenviro@yahoo.co.in, Website : www.lawnenviro.com



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TEST REPORT

REF.NO: LAWN/VSTIL-M/2023

Date: 19-01-2023

WATER ANALYSIS

Name of the Industry & : **M/s. VST INDUSTRIES LIMITED,**
Address : Sy. Nos. 104,105,107,108 of Kondapur Village
Sy. Nos. 228, 229 of Muppireddypally Village,
Manoharabad Mandal, Medak (Dist.) - 502 336.

Sample Particulars : Drinking Water
Date of Collection : 11-01-2023
Date of Analysis : 12-01-2023
PROTOCOL : A.P.H.A. 23rd Edition

As per IS:10500 - 2012			
		Requirement (Acceptable Limit)	Permissible Limit in the absence of alternate source
1. pH	: 7.69	6.50 - 8.50	No relaxation
2. Color	: <1.0	05 max	15 max
3. Odour	: Agreeable	Agreeable	Agreeable
4. E.C (micromhos/cm)	: 105	--	--
5. Turbidity (NTU)	: <1.0	01 max	05 max
6. Total dissolved solids	: 56	500 max	2000 max
7. Total alkalinity as CaCO ₃	: 19	200 max	600 max
8. Phenolphthalein alkalinity as CaCO ₃	: Nil	--	--
9. Methyl orange alkalinity as CaCO ₃	: 19	200 max	600 max
10. Total hardness as CaCO ₃	: 39	200 max	600 max
11. Calcium as Ca	: 8.05	75 max	200 max
12. Magnesium as Mg	: 4.51	30 max	100 max
13. Sodium as Na	: 11.08	--	--
14. Potassium as K	: 1.67	--	--
15. Chloride as Cl	: 24.89	250 max	1000 max
16. Sulphate as SO ₄	: 5.09	200 max	400 max
17. Nitrates as NO ₃	: 1.30	45 max	No relaxation
18. Iron as Fe	: <0.10	0.3 max	No relaxation
19. Fluorides as F	: 0.10	1.0 max	1.5 max

BACTERIOLOGICAL ANALYSIS

1. Total Plate count/ml	: 82 CFU	--	--
2. MPN of Coliform/100 ml	: Absent	Absent	Absent
3. MPN of E-Coli/100ml	: Absent	Absent	Absent

Note: All the values except pH & E.C. are expressed in mg/L.

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TEST REPORT

REF.NO: LAWN/VSTIL-M/2022

Date: 20-12-2022

WATER ANALYSIS

Name of the Industry & : **M/s. VST INDUSTRIES LIMITED,**
Address : Sy. Nos. 104,105,107,108 of Kondapur Village
Sy. Nos. 228, 229 of Muppireddypally Village,
Manoharabad Mandal, Medak (Dist) - 502 336

Sample Particulars : Drinking Water
Date of Collection : 12-12-2022
Date of Analysis : 13-12-2022
PROTOCOL : A.P.H.A. 23rd Edition

As per IS:10500 - 2012

			Requirement (Acceptable Limit)	Permissible Limit in the absence of alternate source
1. pH	:	7.54	6.50 - 8.50	No relaxation
2. Color	:	≤1.0	05 max	15 max
3. Odour	:	Agreeable	Agreeable	Agreeable
4. E.C (micromhos/cm)	:	117	--	--
5. Turbidity (NTU)	:	<1.0	01 max	05 max
6. Total dissolved solids	:	63	500 max	2000 max
7. Total alkalinity as CaCO ₃	:	21	200 max	600 max
8. Phenolphthalein alkalinity as CaCO ₃	:	Nil	--	--
9. Methyl orange alkalinity as CaCO ₃	:	21	200 max	600 max
10. Total hardness as CaCO ₃	:	44	200 max	600 max
11. Calcium as Ca	:	9.06	75 max	200 max
12. Magnesium as Mg	:	5.07	30 max	100 max
13. Sodium as Na	:	12.46	--	--
14. Potassium as K	:	1.88	--	--
15. Chloride as Cl	:	27.97	250 max	1000 max
16. Sulphate as SO ₄	:	5.72	200 max	400 max
17. Nitrates as NO ₃	:	1.47	45 max	No relaxation
18. Iron as Fe	:	<0.10	0.3 max	No relaxation
19. Fluorides as F	:	0.13	1.0 max	1.5 max

BACTERIOLOGICAL ANALYSIS

1. Total Plate count/ml	:	94 CFU	--	--
2. MPN of Coliform/100 ml	:	Absent	Absent	Absent
3. MPN of E-Coli/100ml	:	Absent	Absent	Absent

Note: All the values except pH & E.C. are expressed in mg/L.


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