



BANGALORE TEST HOUSE

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TEST CERTIFICATE

1 of 3

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Report No : ED/2012/11/0466
Date of report : 22.11.2012
Reference No : RFA
Date : 13.11.2012
Date of receipt : 15.11.2012
Job Order No : ED/2012/11/0466

Sample Particulars: One sample of Treated Water was received.

TESTS	RESULTS	MAXIMUM ACCEPTABLE LIMITS AS PER IS: 10500-1991 (Amd.3)	MAXIMUM PERMISSIBLE LIMITS IN THE ABSENCE OF ALTERNATE SOURCE AS PER IS: 10500-1991 (Amd.3)	PROTOCOL
1. Colour, True colour units	: < 2	: 5	: 25	: IS: 3025 (P 4)
2. Odour	: Unobjectionable	: Unobjectionable	: -	: IS: 3025 (P 5)
3. Turbidity, NTU	: 1.8	: 5	: 10	: IS: 3025 (P 10)
4. pH	: 7.62	: 6.50 to 8.50	: No relaxation	: IS: 3025 (P 11)
5. Chlorides, as Cl, mg/L	: 65.9	: 250	: 1000	: IS: 3025 (P 32)
6. Total Hardness as CaCO ₃ , mg/L	: 279.4	: 300	: 600	: IS: 3025 (P 21)
7. Calcium, as Ca, mg/L	: 68.4	: 75	: 200	: IS: 3025 (P 40)
8. Magnesium, as Mg, mg/L	: 26.4	: 30	: 100	: IS: 3025 (P 46)
9. Total Dissolved solids, mg/L	: 546.0	: 500	: 2000	: IS: 3025 (P 16)
10. Sulphates, as SO ₄ , mg/L	: 43.4	: 200	: 400	: IS: 3025 (P 24)
11. Copper, as Cu, mg/L	: < 0.05	: 0.05	: 1.5	: IS: 3025 (P 42)
12. Iron, as Fe, mg/L	: 0.08	: 0.30	: 1.0	: IS: 3025 (P 53)
13. Manganese, as Mn, mg/L	: < 0.1	: 0.1	: 0.3	: IS: 3025 (P 59)
14. Nitrates, as NO ₃ , mg/L	: 14.9	: 45	: No relaxation	: IS: 3025 (P 34)
15. Fluorides, as F, mg/L	: 0.30	: 1.0	: 1.5	: IS: 3025 (P 60)
16. Phenolic Compounds, as C ₆ H ₅ OH, mg/L	: Absent	: 0.001	: 0.002	: IS: 3025 (P 43)
17. Mercury, as Hg, mg/L	: < 0.001	: 0.001	: No relaxation	: IS: 3025 (P 48)
18. Cadmium, as Cd, mg/L	: < 0.01	: 0.01	: No relaxation	: IS: 3025 (P 41)
19. Selenium, as Se, mg/L	: < 0.01	: 0.01	: No relaxation	: IS: 3025 (P 56)
20. Arsenic, as As, mg/L	: 0.065	: 0.01	: No relaxation	: IS: 3025 (P 37)
21. Cyanide, as CN, mg/L	: Absent	: 0.05	: No relaxation	: APHA
22. Lead, as Pb, mg/L	: < 0.01	: 0.05	: No relaxation	: IS: 3025 (P 47)
23. Zinc, as Zn, mg/L	: 0.01	: 5	: 15	: IS: 3025 (P 49)
24. Anionic Detergents as MBAS, mg/L	: < 0.2	: 0.20	: 1.0	: Annex K of IS:13428
25. Chromium, as Cr ⁶⁺ , mg/L	: < 0.01	: 0.05	: No relaxation	: IS: 3025 (P 52)
26. Residual Free Chlorine, mg/L	: < 0.05	: Min 0.20	: -	: IS: 3025 (P 26)
27. Alkalinity, as CaCO ₃ , mg/L	: 295.4	: 200	: 600	: IS: 3025 (P 23)
28. Aluminium, as Al, mg/L	: < 0.01	: 0.03	: 0.2	: IS: 3025 (P 55)
29. Boron, as B, mg/L	: < 0.1	: 1.00	: 5.0	: APHA

[Signature]
ANALYST

[Signature]
AUTHORISED SIGNATORY

NOTE : 1. The result listed refer only to the tested samples & applicable parameters. Endorsement of products is neither inferred nor implied. 2. Samples will be destroyed after 15 days from the date of issue of test certificate unless otherwise specified. 3. This report is not to be reproduced wholly or in part & cannot be used as an evidence in the Court of law & should not be used in any advertising media without our special permission in writing. 4. Sample(s) not drawn by us unless otherwise stated. 5. Total liability of our laboratory is limited to the invoice amount. Any dispute arising out of this report is subject to Bangalore Jurisdiction only.