



BANGALORE TEST HOUSE

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TEST CERTIFICATE

1 of 3

Mr. Jitendra Pratap Singh
Old Airport Road,
BANGALORE - 560 008

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	MAXIMUM PERMISSIBLE	PROTOCOL
		ACCEPTABLE	LIMITS IN THE ABSENCE	
		LIMITS AS PER	OF ALTERNATE SOURCE	
		IS: 10500 -1991 (Amd.3) AS PER IS: 10500-1991 (Amd.3)		
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 28)
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

Pat
ANALYST

Asst. Lab. In-charge
AUTHORISED SIGNATORY

NOTE: 1. This result is valid only for the tested samples & applicable parameters. Endorsement of products is neither offered 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. Samples 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.



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Job Order No : ED/2012/11/0466

Sample Particulars: One sample of Treated Water was received.

<u>TESTS</u>	<u>RESULTS</u>	<u>ACCEPTABLE LIMITS AS PER IS: 10500 - 1991</u>	<u>ROTOCOL</u>
Description	: Colourless and clear transparent liquid filled in a PET bottle.		
<u>MICROBIOLOGICAL TESTS :</u>			
30. Coliform Organisms /100 ml	: Less than 1	: Less than 1	: IS:1622-1981
31. E. coli Bacteria/100ml	: Absent	: Absent	: IS:1622-1981

Remarks : The sample conforms to IS:10500-1991 for drinking water with respect to Chemical & Microbiological Requirements.

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PESTICIDE RESIDUES :

Tests	Results mg/L	Test Method	Method Detection mg/L
32. o,p- DDT	BDL	USEPA 508	0.000025
33. Alpha HCH	0.1 µg/L	USEPA 508	0.000025
34. Endosulfan sulphate	BDL	USEPA 508	0.000025
35. Chlorpyrifos	BDL	USEPA 525.2	0.000025

BDL : Below Detection Level

Jitendra
ANALYST

Uthashree B
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