



BANGALORE TEST HOUSE

65, 20th Main, Marenahalli, Vijayanagar, Bangalore - 560 040.
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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 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.



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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.

<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.

ANALYST

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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

Anya
ANALYST

M. Hashib
AUTHORISED SIGNATORY

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