



TEST WATER BEFORE TASTE

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TAMILNADU WATER SUPPLY AND DRAINAGE BOARD

District Level Water Testing Laboratory

Opp. To Muthu Mandapam, Old Katpadi Road, Vellore - 632 004.

TEST REPORT

TO:
The Municipal Commissioner,
Ranipet Municipality,
Ranipet.

Lr.No.66818-66818A/JWA/Lab/VLR/2024/dt.31.07.2024.

Sir,

Sub : Examination of water sample - Report furnished - reg.
Ref : Lr.No:2161/2021/E1 .Dated.30.07.2024.

2.T.O Invoice No:11099,Dated:30.07.2024. For Rs:826/-
The result of analysis for the water samples sent under reference is enclosed.

Scheme: Other Govt

Date of Collection: 30.07.2024.

Source : Bore Well

Date of Receipt : 30.07.2024.

Location:66818/66818A: Palar Pump House Sump,Ranipet

| BIS 10500:2012 | Acceptable Limit | Maximum permissible limit in the absence of alternative source. | Result |
|---|------------------|---|------------|
| I.PHYSICAL EXAMINATIONS | | | 66818 |
| 1. Appearance | | | Clear |
| 2. Colour | - | - | Colourless |
| 3. Odour | Agreeable | Agreeable | None |
| 4. Turbidity NTU | 1 | 5 | 0 |
| 5. Total dissolved solids Mg/L | 500 | 2000 | 916 |
| 6. Electrical conductivity micro mho/cm | - | - | 1308 |
| II.CHEMICAL EXAMINATIONS | | | |
| 7. pH | 6.5-8.5 | 6.5-8.5 | 7.58 |
| 8. Alkalinity Ph as CaCO ₃ mg/L | - | - | 0 |
| 9. Alkalinity Total as CaCO ₃ mg/L | 200 | 600 | 252 |
| 10. Total Hardness as CaCO ₃ mg/L | 200 | 600 | 416 |
| 11. Calcium as Ca mg/L | 75 | 200 | 83 |
| 12. Magnesium as Mg/L | 30 | 100 | 50 |
| 13. Sodium as Na mg/l | - | - | - |
| 14 .Potassium as K mg/l | - | - | - |
| 15. Iron Total as Fe mg/l | 0.3 | 1.0 | 0.00 |
| 16. Manganese as Mn mg/L | 0.1 | 0.3 | 0.00 |
| 17. Free Ammonia as NH ₃ mg/L | 0.5 | 0.5 | 0.00 |
| 18. Nitrite as NO ₂ mg/L | - | - | 0.00 |
| 19. Nitrate as NO ₃ mg/L | 45 | 45 | 9 |
| 20. Chloride as Cl mg/L | 250 | 1000 | 244 |
| 21 .Fluoride as F mg/L | 1.0 | 1.5 | 0.4 |
| 22. Sulphate as SO ₄ mg/L | 200 | 400 | 105 |
| 23. Phosphate as PO ₄ mg/L | - | - | 0.00 |
| 24. Tidys Test 4Hrs.as O ₂ mg/l | - | - | 0.1 |
| 25.R.C | 0.2 | 1.0 | 0.0 |
| III. BACTERIOLOGICAL EXAMINATION (M.F.Technique) | | | 66818A |
| Fecal Coliform(100ml) | 0 | 0 | 0 |

Report:66818: The water sample is chemically potable.

Report:66818A:The water sample is Bacteriologically Not contaminated.