



GOVERNMENT OF KERALA

Government Analyst's Laboratory
Commissionerate of Food Safety
Department of Health and Family Welfare
Thiruvananthapuram, Dated: 21.12.22
Ph: - 0471 2472 192.

No. 17287/2022-'23

CERTIFICATE OF EXAMINATION

Description of Sample : Bore Well Water [Filtered]
Sample details : The sample received in plastic bottle and sterile bottle.
Source : The Principal, SREE VIVEKANANDA MEMORIAL PUBLIC SCHOOL, Aralummoodu .P.O, Pin – 695 123.
Date of Receipt : 15.12.2022
Sample quantity : 2 L + 125 ml
Date of Analysis : Started on 16.12.22 and completed on 21.12.2022.
Physical Appearance : Clear colourless odourless liquid.

Analytical results:

| Sl. No. (1) | Quantity Characteristics (2) | Name of method of test used (3) | Result (4) | Acceptable limit as per IS No. 10500:2021 (5) |
|----------------|------------------------------------|---------------------------------------|---------------|---|
| 1. | p ^H | IS 3025 | 6.93 | 6.5 to 8.5 |
| 2. | Total Dissolved Solids | IS 3025 | 115.93 mg/l | 500.0 mg/l |
| 3. | Total Hardness | IS 3025 | 58.0 mg/l | 200.0 mg/l |
| 4. | Alkalinity | IS 3025 | 45.36 mg/l | 200.0 mg/l |
| 5. | Iron | AOAC | 0.1 mg/l | 1.0 mg/l |
| 6. | Chloride | IS 3025 | 29.56 mg/l | 250.0 mg/l |
| 7. | Sulphates | APHA | 10.0 mg/l | 200.0 mg/l |
| 8. | Residual Free Chlorine | IS 3025 | Nil | 0.5 mg/l |
| 9. | Nitrate | Lab Validated Method | 4.0 mg/l | 45.0 mg/l |
| 10. | Ammonia | IS 3025 | Nil | 0.5 mg/l |
| 11. | Turbidity | IS 3025 | 0.03 NTU | 5.0 NTU |
| 12. | Coliforms | IS : 1622 : 1981 | <2 MPN/100ml | <2 MPN/100 ml |
| 13. | E. Coli | IS : 1622 : 1981 | Absent/100 ml | Absent/100 ml |

Opinion: വെള്ളത്തിന്റെ പരിശോധനാഫലം തൃപ്തികരം.

Note: 1. The test report relates to the tested parameters only.
2. The result related only to the tested item (as received)



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