



GOVERNMENT OF KERALA

Government Analysts' Laboratory
Commissioner of Food Safety
Department of Health and Family Welfare
Thiruvananthapuram dtd. 29.05.2023
Ph: No. 0471-2472192

No.18351/2023-24

CERTIFICATE OF EXAMINATION

Description of Sample : Bore Well Water (2)

Sample details : The sample received in plastic bottle and sterile bottle
Source : The Secretary, 'Sree Narayana Public School', Chenkottukonam,
Thundathil.P.O., Trivandrum

Date of Receipt : 11.05.2023

Date of Analysis : Started on 15.05.2023 and completed on 29.05.2023

Quantity of Sample : 2L+125 ml

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. 10500:2012 (5)
1.	pH	IS 3025	6.72	6.5 to 8.5
2.	Total Dissolved Solids	IS 3025	50.55 mg/l	500.0 mg/l
3.	Total Hardness (as CaCO ₃)	IS 3025	18.0 mg/l	200.0 mg/l
4.	Alkalinity	IS 3025	21.56 mg/l	200.0 mg/l
5.	Iron (as Fe)	AOAC	0.1 mg/l	1.0 mg/l
6.	Chloride (as Cl)	IS 3025	15.43 mg/l	250.0 mg/l
7.	Sulphates (as SO ₄)	APHA	10.0 mg/l	200.0 mg/l
8.	Residual Free Chlorine	IS 3025	Nil	0.5 mg/l
9.	Nitrate (as NO ₃)	Lab validated Method	3.54 mg/l	45.0 mg/l
10.	Ammonia	IS 3025	Nil	0.5 mg/l
11.	Turbidity	IS 3025	0.36 NTU	5.0 NTU
12.	Coliforms	IS 1622 : 1981, RA:2005	<2 MPN/100 ml	<2 MPN/100 ml
13.	E.Coli	IS 1622 : 1981, RA:2005	Absent/100 ml	Absent /100 ml

Remarks: വെള്ളത്തിന്റെ പരിശോധനാഫലം തൃപ്തികരം.

[Signature]
Food Analyst

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

