



GOVERNMENT OF KERALA

Government Analysts' Laboratory  
Commissioner of Food Safety  
Department of Health and Family Welfare  
Thiruvananthapuram dtd.13.09.2023  
Ph: No. 0471-2472192

No.19237/2023-24

CERTIFICATE OF EXAMINATION

Description of Sample: Well Water

Sample details : The sample received in plastic can and sterile bottle  
Source : Lekshmi, Principal, Chinmaya Vidyala, Attukal, Manacud,  
Trivandrum-695 009

Date of Receipt : 11.08.2023

Date of Analysis : Started on 22.08.2023 and completed on 13.09.2023

Quantity of Sample : 2L+125ml

Physical Appearance : Clear, colourless, odourless liquid

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.	p <sup>H</sup>	IS 3025	7.32	6.5 to 8.5
2.	Total Dissolved Solids	IS 3025	78.49 mg/l	500.0 mg/l
3.	Total Hardness (as CaCO <sub>3</sub> )	IS 3025	16.0 mg/l	200.0 mg/l
4.	Alkalinity	IS 3025	18.0 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	21.63 mg/l	250.0 mg/l
7.	Sulphates (as SO <sub>4</sub> )	APHA	30.0 mg/l	200.0 mg/l
8.	Residual Free Chlorine	IS 3025	Nil	0.5 mg/l
9.	Nitrate (as NO <sub>3</sub> )	Lab validated Method	5.90 mg/l	45.0 mg/l
10.	Ammonia	IS 3025	0.4 mg/l	0.5 mg/l
11.	Turbidity	IS 3025	0.39 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)

