



GOVERNMENT OF KERALA

Government Analysts' Laboratory  
Commissioner of Food Safety  
Department of Health and Family Welfare  
Thiruvananthapuram dtd.18.11.2023  
Ph: No. 0471-2472192

No.19865/2023-24

CERTIFICATE OF EXAMINATION

Description of Sample: Well water  
Sample details : The sample received in plastic bottle and sterile bottle  
Source : The Principal, Our Public School, Kazhakuttom, Trivandrum - 695 582  
Date of Receipt : 06.11.2023  
Date of Analysis : Started on 08.11.2023 and completed on 18.11.2023  
Quantity of Sample : 2L - 125 ml  
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.	pH	IS 3025	6.61	6.5 to 8.5
2.	Total Dissolved Solids	IS 3025	131.5 mg/l	500.0 mg/l
3.	Total Hardness (as CaCO <sub>3</sub> )	IS 3025	110.0 mg/l	200.0 mg/l
4.	Alkalinity	IS 3025	45.37 mg/l	200.0 mg/l
5.	Iron (as Fe)	AOAC	08 mg/l	1.0 mg/l
6.	Chloride (as Cl)	IS 3025	28.72 mg/l	250.0 mg/l
7.	Sulphates (as SO <sub>4</sub> )	APIA	16.06 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	BLQ LOQ = 1mg/L	45.0 mg/l
10.	Ammonia	IS 3025	Nil	0.5 mg/l
11.	Turbidity	IS 3025	5.0 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 രാസ പരിശോധനാഫലം തൃപ്തികരം

Food Analyst

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

