



GOVERNMENT OF KERALA

Government Analysts' Laboratory  
Commissioner of Food Safety  
Department of Health and Family Welfare  
Thiruvananthapuram dtd. 25.05.2022  
Ph: No. 0471-2472192

No.15372/2022-23

CERTIFICATE OF EXAMINATION

Description of Sample: Bore well

Sample details : The sample received in plastic can and sterile bottle  
Source : Principal, Bharatiya Vidya Bhavan, Sr. Sec. School, Kodunganoor,  
Vattiyookavu, Trivandrum - 13

Date of Receipt : 11.05.2022  
Date of Analysis : Started 12.05.2022 and completed on 25.05.2022

Quantity of Sample : 2L+125 ml  
Physical Appearance : Clear, colourless, odourless

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	5.65	6.5 to 8.5
2.	Total Dissolved Solids	IS 3025	95.06 mg/l	500.0 mg/l
3.	Total Hardness (as CaCO <sub>3</sub> )	IS 3025	38.0 mg/l	200.0 mg/l
4.	Acidity	IS 3025	13.02 mg/l	---
5.	Iron (as Fe)	AOAC	0.1 mg/l	1.0 mg/l
6.	Chloride (as Cl)	IS 3025	31.99 mg/l	250.0 mg/l
7.	Sulphates (as SO <sub>4</sub> )	APHA	10.0 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	20.0 mg/l	45.0 mg/l
10.	Ammonia	IS 3025	Nil	0.5 mg/l
11.	Turbidity	IS 3025	1.0 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

END

Remarks: വെള്ളത്തിന്റെ pH കുറവാണ്. 4000 ലിറ്റർ വെള്ളത്തിന് 250 ഗ്രാം കുമ്മയം പ്രായോഗിക രണ്ടാമതായി ഒരിക്കൽ ഉപയോഗിക്കുക

*[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)