

## GOVERNMENT OF KERALA

Government Analysts' Laboratory Commissioner of Food Safety Department of Health and Family Welfare Thiruvananthapuram dtd. 02.02.2021 Ph: No. 0471-2472192

## No.14092/2020-21

## CERTIFICATE OF EXAMINATION

Description of Sample: Well water

Sample details : The sample received in plastic can and sterile bottle

Source : Holy Trinity Public School, Mathapuram, Marayamuttom.P.O., Neyyattinkara

Date of Receipt : 08.01.2021

Date of Analysis : Started 23.01.2021 and completed on 02.02.2021

Quantity of sample : 2 L + 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.	$P^{H}$	IS 3025	6.77	6.5 to 8.5
2.	Total Dissolved Solids	IS 3025	80.5 mg/l	500.0 mg/l
3.	Total Hardness (as CaCO <sub>3</sub> )	IS 3025	29.1 mg/l	200.0 mg/l
4.	Alkalinity	IS 3025	29.18 mg/l	200.0 mg/l
5.	Iron (as Fe)	AOAC	0.1 mg/l	0.3 mg/l
6.	Chloride (as Cl)	IS 3025	22.97 mg/l	250.0 mg/l
7.	Sulphates (as SO <sub>4</sub> )	.APHA	Nil	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	Nil	45.0 mg/l
10.		IS 3025	Nil	0.5 mg/l
11.		IS 3025	0.30 NTU	5.0 NTU
12.	11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	IS 1622: 1981, RA:2005	1600 MPN/100 ml	<2 MPN/100 ml
13.		IS 1622: 1981, RA:2005	Absent/100 ml	Absent /100 ml

END

Remarks: വെള്ളത്തിൽ Coliforms ന്റെ സാന്നിദ്ധ്യം ഉണ്ട്. നാലായിരം ലിറ്റർ വെള്ളത്തിന് 10 ഗ്രാം ബ്ലീച്ചിംഗ് പൗഡർ എന്ന ക്രമത്തിൽപ്രയോഗിക്കുക. രണ്ടാഴ്ചയിലൊരിക്കൽ

ആവർത്തിക്കുക.

Food Analyst

The test report relates to the tested parameters only.

Sh