



GOVERNMENT OF KERALA

Government Analysts' Laboratory  
Commissioner of Food Safety  
Department of Health and Family Welfare  
Thiruvananthapuram dtd. 21.12.2020  
Ph: No. 0471-2472192

No.13885/2020-21

CERTIFICATE OF EXAMINATION

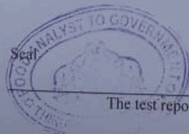
Description of Sample: Well water  
Sample details : The sample received in plastic can and a sterile bottle  
Source : Manager, Chinthalya Vidyalayam Senior Secondary School, Devancode, Kallikkadu, Mylakkara.P.O., TVPM-695 572  
Date of Receipt : 16.12.2020  
Date of Analysis : Started 17.12.2020 and completed on 21.12.2020  
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.	pH	IS 3025	5.68	6.5 to 8.5
2.	Total Dissolved Solids	IS 3025	42.0 mg/l	500.0 mg/l
3.	Total Hardness (as CaCO <sub>3</sub> )	IS 3025	10.0 mg/l	200.0 mg/l
4.	Acidity	IS 3025	9.41 mg/l	----
5.	Iron (as Fe)	AOAC	0.2 mg/l	0.3 mg/l
6.	Chloride (as Cl)	IS 3025	27.22 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	0.88 mg/l	45.0 mg/l
10.	Ammonia	IS 3025	Nil	0.5 mg/l
11.	Turbidity	IS 3025	2.04 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. നാലായിരം ലിറ്റർ വെള്ളത്തിന് 250 ഗ്രാം കൂടായം പ്രയോഗിക്കുക. രണ്ടാഴ്ചയിലൊരിക്കൽ ആവർത്തിക്കുക.



*Manjudeep*  
Food Analyst

The test report relates to the tested parameters only.

*21/12/2020*



*[Signature]*

MANAGER  
Chinthalya Vidyalayam  
Senior Secondary School  
Devancode, Kallikkadu