



GOVERNMENT OF KERALA

Government Analysts' Laboratory
Commissioner of Food Safety
Department of Health and Family Welfare
Thiruvananthapuram dtd. 03.07.2020
Ph: No. 0471-2472192

No.13228/2020-21

CERTIFICATE OF EXAMINATION

Description of Sample: **Well water**
Sample details : The sample received in plastic can and sterile bottle
Source : **Bharatiya Vidya Bhavan, Manvila, Pangappara.P.O., TVPM**
Date of Receipt : 23.06.2020
Date of Analysis : Started 26.06.2020 and completed on 03.07.2020
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	5.18	6.5 to 8.5
2.	Total Dissolved Solids	IS 3025	41.61 mg/l	500.0 mg/l
3.	Total Hardness (as CaCO ₃)	IS 3025	10.0 mg/l	200.0 mg/l
4.	Acidity	IS 3025	5.04 mg/l	-----
5.	Iron (as Fe)	AOAC	0.1 mg/l	0.3 mg/l
6.	Chloride (as Cl)	IS 3025	16.34 mg/l	250.0 mg/l
7.	Sulphates (as SO ₄)	APHA	Nil	200.0 mg/l
8.	Residual Free Chlorine	IS 3025	Nil	0.5 mg/l
9.	Nitrate (as NO ₃)	Lab validated Method	3.54 mg/l	45.0 mg/l
10.	Ammonia	IS 3025	Nil	0.5 mg/l
11.	Turbidity	IS 3025	0.55 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 കുറഞ്ഞ പ്രയോഗിക്കുക. രണ്ടാഴ്ചയിലൊരിക്കൽ ആവർത്തിക്കുക.



Manjinder Singh
Food Analyst

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The test report relates to the tested parameters only.

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