



GOVERNMENT OF KERALA

Government Analysts' Laboratory
Commissioner of Food Safety
Department of Health and Family Welfare
Thiruvananthapuram dtd. 24.02.2021
Ph: No. 0471-2472192

No.14282/2020-21

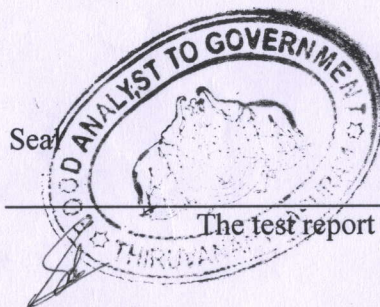
CERTIFICATE OF EXAMINATION

Description of Sample: **Water Authority Pipe water**
Sample details : The sample received in plastic can and sterile bottle
Source : **Viswaprakash Central School, Mangattukadavu, Thirumala.P.O., TVPM-695006**
Date of Receipt : 04.02.2021
Date of Analysis : Started 06.02.2021 and completed on 24.02.2021
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.	pH	IS 3025	6.58	6.5 to 8.5
2.	Total Dissolved Solids	IS 3025	29.4 mg/l	500.0 mg/l
3.	Total Hardness (as CaCO ₃)	IS 3025	16.0 mg/l	200.0 mg/l
4.	Alkalinity	IS 3025	17.51 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	14.59 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	Nil	45.0 mg/l
10.	Ammonia	IS 3025	Nil	0.5 mg/l
11.	Turbidity	IS 3025	0.31 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 പരിശോധനാഫലം തൃപ്തികരം.



Manjinderp
Food Analyst

The test report relates to the tested parameters only.