



GOVERNMENT OF KERALA

Government Analysts' Laboratory
Commissioner of Food Safety
Department of Health and Family Welfare
Thiruvananthapuram dtd.25.02.2021
Ph: No. 0471-2472192

No.14295/2020-21

CERTIFICATE OF EXAMINATION

Description of Sample: Well water

Sample details : The sample received in plastic can and sterile bottle
Source : Principal, Kendriya Vidyalaya, CRPF, Pallippuram, TVPM-695 316
Date of Receipt : 05.02.2021
Date of Analysis : Started 06.02.2021 and completed on 25.02.2021
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	6.80	6.5 to 8.5
2.	Total Dissolved Solids	IS 3025	90.1 mg/l	500.0 mg/l
3.	Total Hardness (as CaCO ₃)	IS 3025	40.0 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	22.92 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	40.0 mg/l	45.0 mg/l
10.	Ammonia	IS 3025	Nil	0.5 mg/l
11.	Turbidity	IS 3025	0.26 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

Remarks: Satisfactory

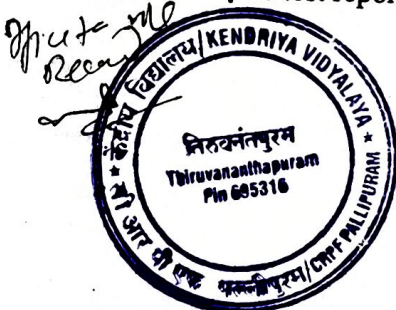
END



Seal

Manjudeep
Food Analyst

The test report relates to the tested parameters only



Accepted
K. M. R.

20/2/21
Principal
केंद्रीय विद्यालय/Kendriya Vidyalaya
सी आर पी एक फल्लीपुरम/CRPF Pallipuram
तिरुवनंतपुरम/Thiruvananthapuram 695316