



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



Report No.30802Part A /2024-25

Dated: 26.07.2024

ULR No. TC 545524000003412F

Chemical Testing - Water

TEST REPORT

Description of Sample : **Well Water**

Sample details : The sample received in plastic can

Source : **The Principal, 'Holy Angels' School, General Hospital Jn., Vanchiyoor, Trivandrum – 695 001**

Date of Receipt : 19.07.2024

Date of Analysis : Started on 24.07.2024 and completed on 26.07.2024

Quantity of Sample : 2L

Physical Appearance : Clear liquid

Sl. No.	Characteristics	Name of method of test used	Result	Acceptable limit as per IS No. 10500:2012 (with amendment nos.1,2,3 & 4)
1.	Colour (Hazen Unit)	IS 3025 Part 4:2021	BDL LOD-2 HU	5
2.	Odour	FSSAI Manual for analysis of water 2016-section A-I (2)	Agreeable	Agreeable
3.	pH	IS 3025 Part 11:2022	6.52	6.5 to 8.5
4.	Total Dissolved Solids (mg/l)	FSSAI Manual for analysis of water 2016-section A-I (6)	141.5	Maximum 500.0
5.	Total Hardness as (as CaCO ₃) (mg/l)	IS 3025 Part 21:2009; RA 2019	74.0	Maximum 200.0
6.	Alkalinity (mg/l)	IS 3025 Part 23:2023/IS 3025 Part 22:1986; RA 2019	40.0	Maximum 200.0
7.	Iron (as Fe) (mg/l)	APHA 24 th Edition 2023(3500 Fe-B)	BLQ LOQ-0.2 mg/l	Maximum 1.0
8.	Chloride (as Cl) (mg/l)	IS 3025 Part 32: 1988; RA 2019	41.32	Maximum 250.0
9.	Sulphate (a SO ₄) (mg/l)	APHA 24 th Edition 2023 (4500 -SO ₄ ²⁻ -E)	29.13	Maximum 200.0
10.	Nitrate (as NO ₃) (mg/l)	APHA 24 th Edition 2023 (4500- NO ₃ ⁻ -B)	3.92	Maximum 45.0
11.	Ammonia as (as total ammonia -N) (mg/l)	APHA 24 th Edition 2023 (4500-NH ₃ -F)	BLQ LOQ-0.1 mg/l	Maximum 0.5
12.	Turbidity (NTU)	IS 3025 Part 10:2023	0.02	Maximum 1

(LOD-- Limit of Detection) (BDL-- Below Detection Limit) (BLQ-Below Limit of Quantification) (LOQ-Limit of Quantification)

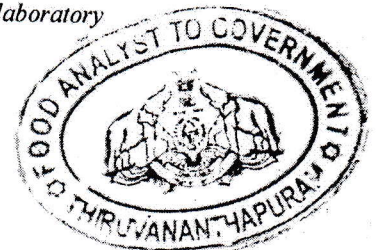
[Signature]
Food Analyst

Note: 1. The test report relates to the tested parameters and tested item (as received) only.

2. The report shall not be reproduced except in full without the approval of the laboratory

3. Complete report includes both Part A and Part B

- End of the Report -



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