



Report No. 30881 Part A /2024-25

Dated: 04.09.2024
ULR No. TC 545524000003679F
Chemical Testing - Water

TEST REPORT

Description of Sample: **Well water**
 Sample details : The sample received in plastic bottle.
 Source : **Saraswathi Vidhyalaya, Vattiyookavu, Arappura, PTP – 695 013.**
 Date of Receipt : 26/07/2024
 Date of Analysis : Started on 30.08.2024 and completed on 02.09.2024
 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)	Maximum 5
2.	Odour	FSSAI Manual for analysis of water 2016-section A-1 (2)	Agreeable	Agreeable
3.	pH	IS 3025 Part 11:2022	7.09	6.5 to 8.5
4.	Total Dissolved Solids (mg/l)	FSSAI Manual for analysis of water 2016-section A-1 (6)	42.17	Maximum 500.0
5.	Total Hardness as (as CaCO ₃) (mg/l)	IS 3025 Part 21:2009; RA 2019	20.0	Maximum 200.0
6.	Alkalinity (mg/l)	IS 3025 Part 23:2023; RA 2019	16.0	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	9.80	Maximum 250.0
9.	Sulphates (a SO ₄) (mg/l)	APHA 24 th Edition 2023 (4500 -SO ₄ ²⁻ -F)	BLQ (LOQ-5.0 mg/l)	Maximum 200.0
10.	Nitrate (as NO ₃) (mg/l)	APHA 24 th Edition 2023 (4500 - NO ₃ ⁻ -B)	BLQ (LOQ-1.0 mg/l)	Maximum 45.0
11.	Ammonia (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	0.49	Maximum 1

(BDL-Below Detection Limit, LOD-Limit of Quantification; 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---





MUNICIPAL CORPORATION OF THIRUVANANTHAPURAM

No:H10/ 26458/2023

Dt. 03.7.2023

CERTIFICATE

This is to certify that the sanitary and hygienic conditions of SARASWATHY VIDYALAYA, SENIOR SECONDARY RESIDENTIAL CENTRAL SCHOOL, ARAPPURA JUNCTION, VATTIYOORKAVU, THIRUVANANTHAPURAM is satisfactory at present.

This certificate is issued for produce before the CBSE, New Delhi.



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HEALTH OFFICER
D. GOPAKUMAR.R.S
TCMC - 45777
Public Health Officer
Municipal Corporation
Thiruvananthapuram