

APPENDIX-VIII

PROFORMA REGARDING SAFE DRINKING WATER AND SANITARY
CONDITION CERTIFICATE

Date : 15-5-2025

No _____

It is certified that an inspection team headed by Araya R (A.E),
Praveen V (M 2) (Name of Officers with designation) from
Kerala Water Authority, Thirumala (Name
of Department/Office) inspected the Saraswathi Vidyalaya
Azappuzha In., Vattiyookkara, TVM (Name & Address of
the school) on 15-5-2025 and found that the Saraswathi
Vidyalaya (Name of school) has safe
drinking water facilities for the students and members of staff of the institution and is maintaining
the hygienic sanitation condition in the school building & the campus as per the norms prescribed
by the central/state/U.T Govt .

The above valid for a period of One Year

Signature with seal : Araya R
Name : ASSISTANT ENGINEER
Designation : Water Works Mace Section
Kerala Water Authority
PTP Nagar, Thirumala

To

Saraswathi Vidyalaya
Azappuzha In.
Vattiyookkara, TVM-13
(Name & Address of the Institution)



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



Report No. 31646/2025-26

Dated: 19.01.2026
ULR No. TC 54552600000055F
Chemical Testing - Water

TEST REPORT

Description of Sample: Well water received in plastic bottle and sterile bottle.
 Address : **Saraswathy Vidyalaya, Arappura Junction, Vattiyoorkavu .P .O, TVM-695 013**
 Date of Receipt : 08.01.2026
 Date of Analysis : Started on 08.01.2026 and completed on 14.01.2026
 Quantity of Sample : 2L + 125 ml
 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-2.0 HU)	Maximum 5
2.	Odour	FSSAI Manual for analysis of water 2016-section A-I (2)	Agreeable	Agreeable
3.	pH	IS 3025 Part 11:2022	7.37	6.5 to 8.5
4.	Total Dissolved Solids (mg/l)	FSSAI Manual for analysis of water 2016-section A-I (6)	56.95	Maximum 500.0
5.	Total Hardness as (as CaCO ₃) (mg/l)	IS 3025 Part 21:2009; RA 2019	26.0	Maximum 200.0
6.	Alkalinity (mg/l)	IS 3025 Part 23: 2023;RA 2019	32.20	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	19.19	Maximum 250.0
9.	Sulphate (as SO ₄) (mg/l)	APHA 24 th edition 2023 (4500 - SO ₄ ²⁻ - E)	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 Part10 : 2023	0.36	Maximum 1.0
13.	Coliforms	FSSAI manual	Absent/100 ml	Absent /100 ml
14.	E.coli	FSSAI manual	Absent/100 ml	Absent /100 ml

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

Opinion: വെള്ളത്തിന്റെ പരിശോധനാഫലം തൃപ്തികരം.

Food Analyst

Note:

- The test report relates to the tested parameters and tested item (as received) only.
- The report shall not be reproduced except in full without the approval of the Laboratory.

