



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



Report No. 30550 Part A /2025-26

Dated: 21.08.2025
ULR No. TC 545525000006280F
Chemical Testing - Water

TEST REPORT

Description of Sample: Bore well (II) water received in plastic bottle.
Address : **Principal. Bishop Pereira Memorial School, Karamoodu.**
Date of Receipt : 05.08.2025
Date of Analysis : Started on 18.08.2025 and completed on 20.08.2025
Quantity of Sample : 2L
Physical Appearance : Clear liquid.

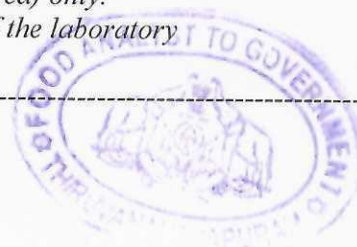
Sl. No.	Characteristics	Name of method of test used	Result	Acceptable limit as per IS No. 10500:2012 (with amendment nos.1,2,3 & 4)
1.	Colour (Hazen Unit)	IS 3025 Part 4:2021	BDL (LOD - 2.0)	Maximum 5
2.	Odour	FSSAI Manual for analysis of water 2016-section A-I (2)	Agreeable	Agreeable
3.	pH	IS 3025 Part 11:2022	6.67	6.5 to 8.5
4.	Total Dissolved Solids (mg/l)	FSSAI Manual for analysis of water 2016-section A-I (6)	96.8	Maximum 500.0
5.	Total Hardness as (as CaCO ₃) (mg/l)	IS 3025 Part 21:2009; RA 2019	50.0	Maximum 200.0
6.	Alkalinity (mg/l)	IS 3025 Part 23:2023;RA 2019	40.58	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	11.87	Maximum 250.0
9.	Nitrate (as NO ₃) (mg/l)	APHA 24 th Edition 2023 (4500 - NO ₃ ⁻ -B)	BLQ (LOQ-1.0 mg/l)	Maximum 45.0
10.	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


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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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Dated: 21.08.2025


Report No. 30550 Part B /2025-26

TEST REPORT

Description of Sample: Bore well (II) water received in sterile bottle.
Address : **Principal. Bishop Pereira Memorial School, Karamoodu.**
Date of Receipt : 05.08.2025
Date of Analysis : Started on 13.08.2025 and completed on 16.08.2025
Quantity of Sample : 125 ml
Physical Appearance : Clear liquid.

Sl. No.	Characteristics	Name of method of test used	Result	Acceptable limit as per IS No. 10500:2012
1.	Coliforms	FSSAI manual	Absent/100 ml	-----
2.	E.Coli	FSSAI manual	Absent/100 ml	Absent /100 ml

Opinion: വെള്ളത്തിന്റെ പരിശോധനാഫലം തൃപ്തികരം.


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