



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



Report No. 30612 Part A /2025-26

Dated: 01.09.2025  
ULR No. TC 545525000006541F  
Chemical Testing - Water

TEST REPORT

Description of Sample: Well water received in plastic bottle.  
Address : **Principal, Love Dale Residential School, Alamcode, Perumkulam .P.O, Attingal, Tvpm – 695 102.**  
Date of Receipt : 13.08.2025  
Date of Analysis : Started on 26.08.2025 and completed on 30.08.2025  
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 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	6.5	6.5 to 8.5
4.	Total Dissolved Solids (mg/l)	FSSAI Manual for analysis of water 2016-section A-I (6)	37.07	Maximum 500.0
5.	Total Hardness as (as CaCO <sub>3</sub> ) (mg/l)	IS 3025 Part 21:2009; RA 2019	14.0	Maximum 200.0
6.	Alkalinity (mg/l)	IS 3025 Part 23:2023;RA 2019	8.11	Maximum 200.0
7.	Iron (as Fe) (mg/l)	APHA 24 <sup>th</sup> 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 <sub>3</sub> ) (mg/l)	APHA 24 <sup>th</sup> Edition 2023 (4500 – NO <sub>3</sub> <sup>-</sup> -B)	BLQ (LOQ-1.0 mg/l)	Maximum 45.0
10.	Ammonia (as total ammonia –N) (mg/l)	APHA 24 <sup>th</sup> Edition 2023 (4500 – NH <sub>3</sub> <sup>-</sup> F)	BLQ (LOQ-0.1 mg/l)	Maximum 0.5

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

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

Padma A.R.  
Food Analyst

---End of the Report ---



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Report No. 30612 Part B /2025-26

Dated: 01.09.2025

**TEST REPORT**

Description of Sample: Well water received in sterile bottle.  
Address : **Principal, Love Dale Residential School, Alamcode, Perumkulam .P.O,  
Attingal, Tvp - 695 102.**  
Date of Receipt : 13.08.2025  
Date of Analysis : Started on 19.08.2025 and completed on 23.08.2025  
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	Absent /100 ml
2.	E.Coli	FSSAI manual	Absent/100 ml	Absent /100 ml

Opinion: വെള്ളത്തിന്റെ പരിശോധനാഫലം തൃപ്തികരം.

*Padma A.R.*  
Food Analyst

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---End of the Report---

