



KERALA WATER AUTHORITY

QUALITY CONTROL DISTRICT LABORATORY

KIZHAKKUMPATTUKARA, THRISSUR

Telephone No - 0487-2338380, E-mail -kwa.qc.tsr@gmail.com



TC-10415

Test Report

Test Report. No :KWA/QCDL/TSR/1846/2026

ULR No.: TC1041526000001631F

Report Date : 14/03/2026

Customer Name & Address Good Shepherd C M I School, Kunnamkulam, Mob: 8547279419			1. Date of receipt :12/03/2026 2. Sampling done by : The Customer 3. UID No.of Sample: KWA/QCDL/TSR/S-001846/2026 4. Source of sample : Borewell-1 5. Sample condition : Fit for requested tests 6. Name of sample : Drinking water 7. Purpose of test : Commercial 8. Sample Quantity :100ml 9. Test Performing Dates From :12/03/2026 To : 14/03/2026	
Sl. No.	Parameters	Test Method	Acceptable limits as per-IS 10500-2012	Result
1	Coliform	IS 15185 : 2016 (Reaffirmed 2021)	Shall not be detected / 100ml	< 1 CFU/100ml
2	E.coli	IS 15185 : 2016 (Reaffirmed 2021)	Shall not be detected/ 100ml	< 1 CFU/100ml

Remarks:-Coliform & E.coli Bacteria are absent

***CFU- Colony Forming Unit**

NB: The results stated above related only to the sample(s) submitted for testing. This test certificate shall not be reproduced except in full without the written approval of the Laboratory.

Reviewed by: **Sruthy P S**
(Microbiologist)



*** End of Report ***

Authorized By: **Jiji K S**
(Microbiologist)
Deputy Quality Manager
Quality Control District Laboratory
Kerala Water Authority

KWA/QCDL/TSR-R-No:6	Issue No:1	Issue Date 01/08/2025 005
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Sl. No.	Characteristic	Test Method	Acceptable limit as per IS 10500 - 2012	Result
1	Turbidity, NTU, <i>Max</i>	IS 3025 (part 10) - 2023 Nephelometric method	1	0.08
2	pH at 25°C	IS 3025 (part 11) - 2022 Electrometric method	6.5 to 8.5	7.7
3	Electrical Conductivity at 25°C, microsiemens /cm	IS 3025 (part 14) - 2013 (R. 2023) Electrometric method	-	380.0
4	Total Hardness, (as CaCO ₃), mg/l, <i>Max</i>	IS 3025 (part 21)-2009 (R. 2023) EDTA titration method	200	166.0
5	Chloride (as Cl ⁻), mg/l, <i>Max</i>	IS 3025 (part 32) - 2025 Argentometric titration	250	21.0
6	Iron (as Fe), mg/l, <i>Max</i>	IS 3025 (part 53) - 2024 1,10Phenanthroline method	1.0	< LOD
7	Nitrate (as NO ₃), mg/l, <i>Max</i>	APHA 4500 NO ₃ B. Ultraviolet screening method	45	0.01

Remarks:- All the tested parameters are passed to conform with the acceptable limits of drinking water specification IS-10500:2012

* < LOD - Less than limit of detection

(The statement of conformity(pass/fail) has been evaluated using Simple Acceptance rule, where the measured value is directly compared with the specification limit without applying measurement uncertainty, as the customer has not specified any decision rule)

NB:- The results stated above related only to the sample(s) submitted for testing. This test certificate shall not be reproduced except in full without the written approval of the Laboratory.



* End of Report *

Reviewed & Authorized By: Ragesh M K

*Quality Manager,
Quality Control District Laboratory
Kerala Water Authority*

KWA/QCDL/TSR-R-No:6	Issue No: 3	Issue Date 14/06/2024
Amend.No: 03	Amend Date: 01.12.2025	Page 1 of 1