



KERALA WATER AUTHORITY
QUALITY CONTROL DISTRICT LABORATORY
KIZHAKKUMPATTUKARA THRISSUR
Telephone No - 0487-2338380, E-mail - kwa.qc.tsr@gmail.com

Test Report

Test Report. No :KWA/QCDL/TSR/2571/2026

Report Date:18/04/2026

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	0.07
2	pH at 25°C	IS 3025 (part 11) - 2022 Electrometric method	6.5 to 8.5	6.9
3	Electrical Conductivity at 25°C, microsiemens /cm	IS 3025 (part 14) - 2013 (R. 2023) Electrometric method	-	179.0
4	Total Hardness, (as CaCO ₃), mg/l, <i>Max</i>	IS 3025 (part 21)-2009 (R. 2023) EDTA titration method	200	69.0
5	Chloride (as Cl ⁻), mg/l, <i>Max</i>	IS 3025 (part 32) - 2025 Argentometric titration	250	31.0
6	Iron (as Fe), mg/l, <i>Max</i>	IS 3025 (part 53) - 2024 1,10Phenanthroline method	1.0	0.05
7	Nitrate (as NO ₃), mg/l, <i>Max</i>	APHA 4500 NO ₃ B. Ultraviolet screening method	45	< LOD

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
Thriessur - 680 035

KWA/QCDL/TSR-R-No:6	Issue No: 3	Issue Date 14.06.2024
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
Report Date : 18/04/2026

Customer Name & Address		1. Date of receipt :16/04/2026		
TGSM Saraswathy VidhyaNiketan, Ayyanthole, Udaya Nagar, Mob: 8606874065		2. Sampling done by : The Customer		
		3. UID No.of Sample: KWA/QCDL/TSR/S-002571/2026		
		4. Source of sample : Openwell-F/W		
		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 :16/04/2026
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	<i>E.coli</i>	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)



Authorized By:  **Jiji K S**
 (Microbiologist)

*** End of Report ***

Deputy Quality Manager
 Quality Control District Laboratory
 Kerala Water Authority
 Thrissur 680 005

KWA/QCDL/TSR-R-No:6	Issue No:1	Issue Date 01/08/2025
Amend.No: 00	Amend Date: 00	Page 1 of 1