



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/3692/2026

Report Date:21/05/2026

Customer Name & Address HolyCross CBSE Eng Medium Residential School, Arthat, Kunnamkulam, Mob: 8606411622		1. Date of receipt :19/05/2026		
		2. Sampling done by : The Customer		
		3. UID No.of Sample: KWA/QCDL/TSR/S-003692/2026		
		4. Source of sample : Borewell		
		5.Sample condition : Fit for requested tests		
		6. Name of sample : Drinking water		
		7. Purpose of test : Commercial		
		8. Sample quantity : 2 litre		
		9. Test performing dates		
				From : 19/05/2026
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	0.17
2	pH at 25°C	IS 3025 (part 11) - 2022 Electrometric method	6.5 to 8.5	6.8
3	Electrical Conductivity at 25°C, microsiemens /cm	IS 3025 (part 14) - 2013 (R. 2023) Electrometric method	-	172.0
4	Total Hardness, (as CaCO ₃), mg/l, <i>Max</i>	IS 3025 (part 21)-2009 (R. 2023) EDTA titration method	200	57.0
5	Chloride (as Cl ⁻), mg/l, <i>Max</i>	IS 3025 (part 32) - 2025 Argentometric titration	250	47.0
6	Iron (as Fe), mg/l, <i>Max</i>	IS 3025 (part 53) - 2024 1,10Phenanthroline method	1.0	0.02
7	Nitrate (as NO ₃), mg/l, <i>Max</i>	APHA 4500 NO ₃ B. Ultraviolet screening method	45	0.11

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.



Reviewed & Authorized By: Ragesh M K

Quality Manager,
Quality Control District Laboratory
Kerala Water Authority
 Thirissur - 680 005

* End of Report *

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			3. UID No.of Sample: KWA/QCDL/TSR/S-003692/2026	
			4. Source of sample : Borewell	
			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 :19/05/2026 To : 21/05/2026	
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: ^{SPM} Sruthy P S
 (Microbiologist)



Authorized By: ^{KS} Jiji K S
 (Microbiologist)
Deputy Quality Manager
 Quality Control District Laboratory

* End of Report *

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