



KERALA WATER AUTHORITY

QUALITY CONTROL SUB DISTRICT LABORATORY

THALIKULAM, THRISSUR

NABL Recognized Sub Divisional Government Drinking Water Testing Laboratory

(Certificate No. : NABL-DWT - 00983)

Telephone No - 0487-2997762, E-mail - kwa.qcsdl.tklm@gmail.com

Test Report

Test Report. No.:KWA/QCSDL/TKLM-TSR/001581/2026

Report Date :26/05/2026

Customer Name & Address			1. Date of Receipt :18/05/2026		
LEMER PUBLIC SCHOOL THRIPRAYAR			2. Sampling done by : The Customer		
			3. UID No of Sample:KWA/QCSDL/TKLM-TSR/S-001581/26		
			4. Source of Sample :Open Well		
			5. Sample condition : Fit for requested tests		
			6. Name of sample : Water		
			7. Purpose of test : Licence		
			8. Sample Quantity : 2 Litre		
			9. Test Performing Dates		
			From :18/05/2026		To :19/05/2026
	Characteristics	Unit	Test Method	Acceptable limits as per IS 10500 - 2012	Result
1	Colour	HU	IS 3025 (part 4) : 2021 Platinum Cobalt Visual Comparison Method	5	3.00
2	Odour		IS 3025 (part 5-2018)		Chlorine Smell
3	Turbidity	(NTU)	IS 3025 (part 10) - 2023 Nephelometric method	1	1.74
4	pH at 25°C		IS 3025 (part 11) - 2022 Electrometric method	6.5 to 8.5	7.52
5	Total Alkalinity (as CaCO ₃)	(mg/litre)	IS 3025 (part 23) - 2023 Indicator method	200	187.45
6	Total Dissolved Solids (TDS)	(mg/litre)	IS 3025 (part 16):2023 Gravimetric method	500	292.38
7	Total Hardness (as Ca CO ₃)	(mg/litre)	IS 3025 (part 21)-2009 (Reaffirmed. 2023)EDTA titration method	200	185.28
8	Calcium (as Ca)	(mg/litre)	IS 3025 (part 40) - 2024 EDTA Titration method	75	64.93
9	Magnesium (as Mg)	(mg/litre)	APHA 3500-Mg.B Calculation method	30	6.10
10	Chloride (as Cl)	(mg/litre)	IS 3025 (part 32) - 2025 Argentometric titration	250	49.36

Remarks:-

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: ✓

Authorized By: ✓

* End of Report *

Issue Date 10/01/2023	Issue No:2	KWA/QCSDL/TKLM-TSR/R.No:6
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Technical Manager,
Quality Control Sub District Laboratory
Kerala Water Authority
Thalikulam - 680 569



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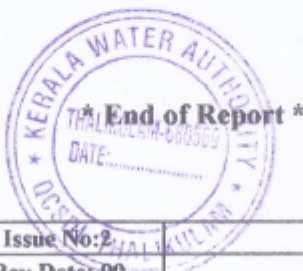
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			3. UID No.of Sample : KWA/QCSDL/TKLM-TSR/S-001581/26		
			4. Source of Sample : Open Well		
			5.Sample condition : Fit for requested tests		
			6.Name of sample : Water		
			7.Purpose of test : Licence		
			8. Sample Quantity : 2 Litre		
			9. Test Performing Dates		
			From :18/05/2026 To :19/20/2026		
Sl. No.	Characteristics	Unit	Test Method	Acceptable limits as per IS 10500 - 2012	Result
1	Electrical Conductivity	(micro mhos/cm)	IS 3025 (part 14) - 2013 (Reaffirmed 2023) Electrometric method	-	531.60
2	Acidity	(mg/litre)	IS 3025 (part 22) - 2024 Titration method	-	8.00
3	Sulphate (as SO ₄)	(mg/litre)	APHA 4500 (SO ₄ ²⁻ E) Turbidity method	200	22.90
4	Fluoride (as F)	(mg/litre)	APHA 4500 - F ⁻ D Spadns method	1.0	0.95
5	Iron (as Fe)	(mg/litre)	IS 3025 (part 53) - 2024 1,10 Phenanthroline method	1.0	0.32
6	Nitrate (as NO ₃)	(mg/litre)	PDS Phenol Disulphonic acid Method	45	1.73
7	Residual Chlorine	(mg/litre)	IS 3025 (part 26) - 2021 Titrimetric method	0.2	NIL

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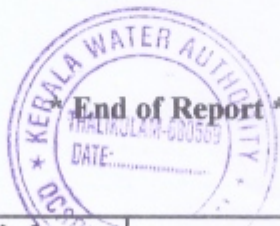
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Customer Name & Address			1. Date of Receipt : 18/05/2026	
LEMER PUBLIC SCHOOL THRIPRAYAR			2. Sampling done by : The Customer	
			3. UID No.of Sample : KWA/QCSDL/TKLM-TSR/S-001581/26	
			4. Source of Sample : Open Well	
			5. Sample Condition : Fit for requested tests	
			6. Name of Sample : Water	
			7.Purpose of test : Domestic	
			8. Sample Quantity : 100ml	
			9. Test Performing Dates	
			From :18/05/2026	To : 20/05/2026
			Test Method	Result
1	Coliforms	Shall not be detected / 100ml	IS 15185 : 2016 (Reaffirmed 2021)	NOT DETECTED
2	E. Coli	Shall not be detected/ 100ml	IS 15185 : 2016 (Reaffirmed 2021)	NOT DETECTED

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