



KERALA WATER AUTHORITY
QUALITY CONTROL SUB DISTRICT LABORATORY
THALIKULAM, THRISSUR

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

Test Report

Test Report. No.:KWA/QCSDL/TKLM-TSR/002932/24

Report Date :10/06/24

Customer Name & Address			1. Date of Receipt :06/06/24		
Lemor Public School(Kitchen) Thriprayar			2. Sampling done by : The Customer		
			3.UID No of Sample:KWA/QCSDL/TKLM-TSR/S-002932/24		
			4. Source of Sample :OpenWell		
			5. Sample condition : Good		
			6. Name of sample : Water		
			7. Purpose of test : Licence		
			8. Sample Quantity : 2 Litre		
			9. Test Performing Dates		
			From :06/06/24		
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	5.00	
2 Odour		IS 3025 (part 5-2018)		Agreeable	
3 Turbidity	(NTU)	IS 3025 (part 10) - 2023 Nephelometric method	1	0.35	
4 pH at 25°C		IS 3025 (part 11) - 2022 Electrometric method	6.5 to 8.5	6.25	
5 Total Alkalinity (as CaCO ₃)	(mg/litre)	IS 3025 (part 23) - 2023 Indicator method	200	--	
6 Total Dissolved Solids (TDS)	(mg/litre)	IS 3025 (part 16):2023 Gravimetric method	500	--	
7 Total Hardness (as Ca CO ₃)	(mg/litre)	IS 3025 (part 21)-2009 (Reaffirmed. 2019)EDTA titration method	200	32.64	
8 Calcium (as Ca)	(mg/litre)	IS 3025 (part 40) - 1991 (Reaffirmed. 2019) EDTA Titration method	75	--	
9 Magnesium (as Mg)	(mg/litre)	APHA 3500-Mg.B Calculation method	30	--	
10 Chloride (as Cl)	(mg/litre)	IS 3025 (part 32) - 1988 (Reaffirmed. 2019) Argentometric titration	250	5.82	

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:

* End of Report *

Authorized By:
CHEMIST
 Q.C. SUB DIVISION
 KWA, THRISSUR

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Thriprayar
29/01/2025

Mrs. Gainny Michael
Principal
Lemor Public School
School Code: 75866
Thriprayar, P.O.Nattika
Kerala-680 566

For LEMOR PUBLIC SCHOOL

29/01/2025
Manager



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			8. Sample Quantity : 2 Litre		
			9. Test Performing Dates		
			From : 06/06/24		
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 2019) Electrometric method	-	72.12
2	Acidity	(mg/litre)	IS 3025 (part 22) - 1986 (R. 2019) Titration method	-	15.00
3	Sulphate (as SO ₄)	(mg/litre)	APHA 4500 (SO ₄ ²⁻ E) Turbidity method	200	-
4	Fluoride (as F)	(mg/litre)	APHA 4500 - F D Spadns method	1.0	-
5	Iron (as Fe)	(mg/litre)	IS 3025 (part 53) - 2003 (Reaffirmed. 2019) 1,10 Phenanthroline method	1.0	0.08
6	Nitrate (as NO ₃)	(mg/litre)	APHA 4500 - NO ₃ B. Ultraviolet screening method	45	1.74
7	Residual Chlorine	(mg/litre)	IS 3025 (part 26) - 1986 (R. 2021) Idometric method	0.2	NIL

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			4. Source of Sample : OpenWell	
			5. Sample Condition : Good	
			6. Name of Sample : Water	
			7.Purpose of test : Licence	
			8. Sample Quantity :100ml	
			9. Test Performing Dates	
From : 06/06/24		To : 07/06/24		
			Test Method	Result
1	Total Coliforms	Shall not be detected / 100ml	IS 15185 : 2016 ISO 9308 - I : 2014	Not Detected
2	E. Coli	Shall not be detected/ 100ml	IS 15185 : 2016 ISO 9308 - I : 2014	Not Detected

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