



KERALA WATER AUTHORITY
QUALITY CONTROL SUB DISTRICT LABORATORY
THALIKULAM, THRISSUR

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

Test Report

Test Report. No.:KWA/QCSDL/TKLM-TSR/003674/24

Report Date :15/07/24

Customer Name & Address			1. Date of Receipt :09/07/24		
Fr Paul Chittilapilly Memorial Public School Engandiyur			2. Sampling done by : The Customer		
			3.UID No of Sample:KWA/QCSDL/TKLM-TSR/S-003674/24		
			4. Source of Sample :Open Well		
			5. Sample condition : Good		
			6. Name of sample : Water		
			7. Purpose of test : Licence		
			8. Sample Quantity : 2 Litre		
			9. Test Performing Dates		
			From :09/07/24 To :09/07/24		
	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	3.00
2	Odour		IS 3025 (part 5-2018)		Agreeable
3	Turbidity	(NTU)	IS 3025 (part 10) - 2023 Nephelometric method	1	0.61
4	pH at 25°C		IS 3025 (part 11) - 2022 Electrometric method	6.5 to 8.5	7.30
5	Total Hardness (as Ca CO₃)	(mg/litre)	IS 3025 (part 21)-2009 (Reaffirmed. 2019)EDTA titration method	200	80.40
6	Chloride (as Cl)	(mg/litre)	IS 3025 (part 32) - 1988 (Reaffirmed. 2019) Argentometric titration	250	16.62

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
OFFICER IN CHARGE
Q.C. SUB DIVISION
THRISSUR

Issue Date 10/01/2023	Issue No:2	KWA/QCSDL/TKLM-TSR/003674/24
Rev.No: 00	Rev Date:00	Page 1 of 3



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			5. Sample condition : Good		
			6. Name of sample : Water		
			7. Purpose of test : Licence		
			8. Sample Quantity : 2 Litre		
			9. Test Performing Dates		
			From : 09/07/24 To :09/07/24		
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	-	200.70
2	Acidity	(mg/litre)	IS 3025 (part 22) - 1986 (R. 2019) Titration method	-	7.00
3	Iron (as Fe)	(mg/litre)	IS 3025 (part 53) - 2003 (Reaffirmed. 2019) 1,10 Phenanthroline method	1.0	0.07
4	Nitrate (as NO ₃)	(mg/litre)	APHA 4500 - NO ₃ B. Ultraviolet screening method	45	12.66
5	Residual Chlorine	(mg/litre)	IS 3025 (part 26) - 1986 (R. 2021) Idometric method	0.2	NIL

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CHEMIST
Q.C. SUB DIVISION
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Issue Date: 10/01/2023	Issue No:2	KWA/QCSDL/TKLM-TSR/R.NO:6
Rev.No: 00	Rev Date: 00	Page 2 of 3



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			3. UID No.of Sample : KWA/QCSDL/TKLM-TSR/S-003674/24	
			4. Source of Sample :Open Well	
			5. Sample Condition : Good	
			6. Name of Sample : Water	
			7.Purpose of test : Licence	
			8. Sample Quantity :100ml	
			9. Test Performing Dates	
			From : 09/07/24 To : 10/07/24	
			Test Method	Result
1	Total Coliforms	Shall not be detected / 100ml	IS 15185 : 2016 ISO 9308 - I : 2014	240
2	E. Coli	Shall not be detected/ 100ml	IS 15185 : 2016 ISO 9308 - I : 2014	40

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Rev.No: 00	Rev Date: 00	Page 3 of 3