



**QUALITY CONTROL DISTRICT LAB
KERALA WATER AUTHORITY
VADAVATHOOR, KOTTAYAM**

Telephone No. 0481-2994540, Email- qcdlkottayam@gmail.com



TC-10495

Test Report

ULR – TC1049525000000636 F

Report no :K898/KTM/08/2025	Date : 18.08.2025
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Customer Name & Address THE PRINCIPAL MARY MOUNT PUBLIC SCHOOL KATTACHIRA P.O	1.Date of Receipt	13.08.2025
	2.Sampling done by	CUSTOMER
	3.Sample Code	2025/QC/KTM/K2902
	4.Source of Sample	WELL
	5.Sample Quantity	2 Litre
	6 Sample condition	Acceptable
	7.Test performing date	13.08.2025-14.08.2025

Sl. No	Characteristics	Unit	Test Method	Acceptable limits As per IS 10500:2012	Limit of detection	Result
1	Colour	HU	APHA-24 th Edition (2023) 2120 B – Visual comparison method	5	1	1
2	Odour		IS 3025 (Part 5) 2018	Agreeable	Agreeable	Agreeable
3	Taste		IS 3025 (Part 8) :2023	Agreeable	Agreeable	Disagreeable
4	Turbidity	NTU	IS 3025 (Part10):2023 Nephelometric Method	1	0.5	BDL
5	p ^H at 25 °C		IS 3025 (Part 11) – 2022 Potentiometric Method	6.5 - 8.5	2	5.7
6	Total Alkalinity (as CaCO ₃)	mg/l	IS 3025 (Part 23) :2023 Indicator Method	200	5	6.0
7	Total dissolved solids (TDS) at 180° C	mg/l	IS 3025 (Part 16 :2023 Gravimetric Method	500	5	40.8
8	Total Hardness (as CaCO ₃)	mg/l	IS 3025 (Part21) - 2009 (Reaffirmed 2023) - EDTA Method	200	5	12
9	Calcium (as Ca)	mg/l	IS 3025 (Part 40) :2024 EDTA Titrimetric Method	75	5	BDL
10	Magnesium (as Mg)	mg/l	APHA 24 th Edition (2023) 3500 – Mg B Calculation Method	30	5	BDL

Remarks: -

NB: - The result 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

- * Sampling is not done by the Lab
- * BDL - Below Detection Limit
- * NT- Not Tested
- * Samples will be retained only for 7 days after completion of analysis

Verified By

Authorized Signatory
(Signature with Name)



QUALITY CONTROL DISTRICT LAB

KERALA WATER AUTHORITY

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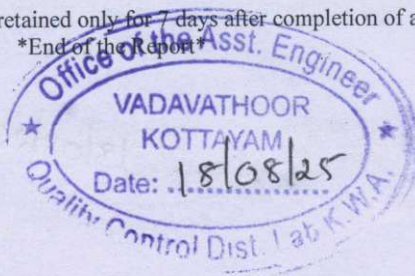
Sl. No	Characteristics	Unit	Test Method	Acceptable limits As per IS 10500:2012	Limit of detection	Result
11	Chloride (as Cl)	mg/l	IS 3025 (Part32) -1988 (Reaffirmed 2019) Argentometric Method	250	5	10.9
12	Electrical Conductivity at 25 °C	µS/cm	IS 3025 (Part14) -2013 (Reaffirmed 2023)		10 µS/cm	62.7
13	Acidity	mg/l	IS 3025 (Part22) :2024 Indicator Method		5	20
14	Sulphate (as SO ₄)	mg/l	IS 3025 (Part24 / Sec1) 2022 Turbidity Method	200	1	2.92
15	Fluoride (as F)	mg/l	APHA 24th Edition 4500 -F D SPADNS Method	1	0.1	BDL
16	Iron (as Fe)	mg/l	IS 3025 (Part 53) : 2024 Phenanthroline Method	1	0.1	BDL
17	Nitrate(as NO ₃)	mg/l	APHA 24th Edition 4500- NO ₃ – B Ultraviolet Spectrophotometric Screening Method	45	1	12.29

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*End of the Report

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Signature
Dhanyamol.k

Page 2-2



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Test Report

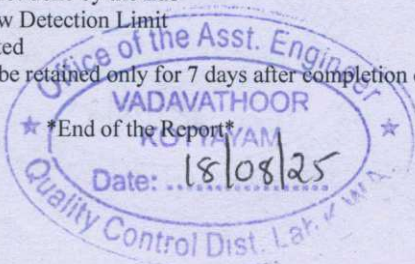
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Sl. No	Characteristics	Unit	Test Method	Acceptable limits As per IS 10500:2012	Limit of detection	Result
1	Residual Chlorine	mg/l	Kit Method	0.2	-	NIL
2	Dissolved Oxygen	mg/l	IS 3025 (Part 38) 1989 (Reaffirmed 2019) Winkler Method	-	-	NT
3	Chemical Oxygen demand	mg/l	IS 3025(part 58)2006(Reaffirmed 2023)-open Reflux method	-	-	NT
4	Biological Oxygen Demand	mg/l	IS 3025(part 44):2023- oxygen Depletion method	-	-	NT
5	Total Suspended Solids @103°C-105°C (TSS)	mg/l	IS 3025(part 17)2022Gravimetric Method	-	-	NT
6	Oil & Grease	mg/l	IS 3025 (Part 39) 2021 – Liquid _Liquid Partition Gravimetric method			NT

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