



TC-10495

QUALITY CONTROL DISTRICT LAB KERALA WATER AUTHORITY

VADAVATHOOR, KOTTAYAM
Telephone No. 0481 2994540, Email- qcldkottayam@gmail.com



Test Report

ULR - TC1049526000000379F

Report no : K511/KTM/04/2026

Date : 05.05.2026

Customer Name & Address DON BOSCO CENTRAL SCHOOL PUTHUPPALLY KOTTAYAM KERALA	1. Date of Receipt	30.04.2026
	2. Sampling done by	PHC PUTHUPPALLY
	3. Sample Code	2026/QC/KTM/K1255
	4. Source of Sample	WELL
	5. Sample Quantity	2 Litre
	6. Sample condition	Acceptable
	7. Test performing date	30.04.2026-02.05.2026

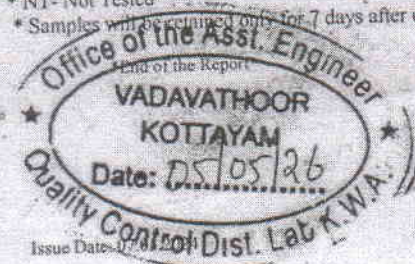
Sl. No	Characteristics	Unit	Test Method	Acceptable limits As per IS 10500:2012	Limit of detection	Result
1	Colour	HU	APHA-24 th Edition (2023) 2120 B - Visual comparison method	5	1	5
2	Odour		IS 3025 (Part 5) 2018	Agreeable	Agreeable	Agreeable
3	Taste		IS 3025 (Part 8) :2023	Agreeable	Agreeable	Agreeable
4	Turbidity	NTU	IS 3025 (Part10):2023 Nephelometric Method	1	0.5	0.8
5	P ^H at 25 °C		IS 3025 (Part 11) - 2022 Potentiometric Method	6.5 - 8.5	2	6.1
6	Total Alkalinity (as CaCO ₃)	mg/l	IS 3025 (Part 23) :2023 Indicator Method	200	5	20.1
7	Total dissolved solids (TDS) at 180° C	mg/l	IS 3025 (Part 16) :2023 Gravimetric Method	500	5	42
8	Total Hardness (as CaCO ₃)	mg/l	IS 3025 (Part21) - 2009 (Reaffirmed 2023) - EDTA Method	200	5	22
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 retested only for 7 days after completion of analysis

Verified By
Dhanyam d.k



Rohini K.R
Authorized Signatory
(Signature with Name)
SANITARY CHEMIST
Quality Control District Lab
Kerala Water Authority
Vadavathoor P.O.
Kottayam - 686010



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KERALA WATER AUTHORITY
 VADAVATHOOR, KOTTAYAM
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	3.Sample Code	2026/QC/KTM/K1255
	4.Source of Sample	WELL
	5.Sample Quantity	2 Litre
	6 Sample condition	Acceptable
	7.Test performing date	30.04.2026-02.05.2026

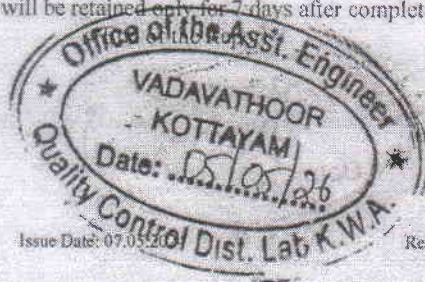
Sl. No	Characteristics	Unit	Test Method	Acceptable limits As per IS 10500:2012	Limit of detection	Result
11	Chloride (as Cl)	mg/l	IS 3025 (Part32):2025 Argentometric Method	250	5	14.9
12	Electrical Conductivity at 25 °C	µS/cm	IS 3025 (Part14) -2013 (Reaffirmed 2023)		10 µS/cm	69
13	Acidity	mg/l	IS 3025 (Part22) :2024 Indicator Method		5	12
14	Sulphate (as SO ₄)	mg/l	IS 3025 (Part24 / Sec1) 2022 Turbidity Method	200	1	4.1
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	0.1
17	Nitrate(as No ₃)	mg/l	APHA 24th Edition 4500- NO ₃ - B Ultraviolet Spectrophotometric Screening Method	45	1	1.3

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Verified By

 Dhanyamol K



Rohini K.F
 Authorized Signatory
 (Signature with Name)
 Quality Control District
 Kerala Water Authority
 Vadavathoor P.O.
 Kottayam

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

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



Test Report

Report no : K511/KTM/04/2026 Date : : 05.05.2026

Customer Name & Address DON BOSCO CENTRAL SCHOOL PUTHUPPALLY KOTTAYAM KERALA	1.Date of Receipt	30.04.2026
	2.Sampling done by	PHC PUTHUPPALLY
	3.Sample Code	2026/QC/KTM/K1255
	4.Source of Sample	WELL
	5.Sample Quantity	2 Litre
	6 Sample condition	Acceptable
	7.Test performing date	30.04.2026-02.05.2026

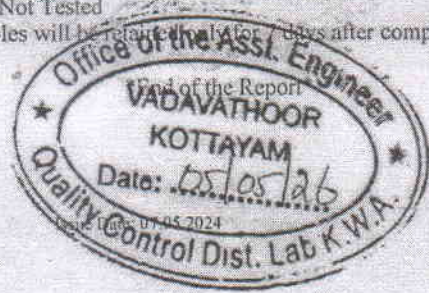
Sl No	Characteristics	Unit	Test Method	Acceptable Limits As per IS 10500:2012	Limit of detection	Result
1	Residual Chlorine	mg/l	Kit Method	0.2	-	0.2
2	Aluminum	mg/l	IS 3025 (Part 55) :2003(Reaffirmed 2023)-Eriochrome Cyanine R Method	0.03	-	NT
3	Dissolved Oxygen	mg/l	IS 3025 (Part 38) :2025 Winkler Method	-	-	NT
4	Chemical Oxygen demand	mg/l	IS 3025(part 58)2006 (Reaffirmed 2023)- open Reflux method	-	-	NT
5	Biological Oxygen Demand	mg/l	IS 3025(part 44):2023- oxygen Depletion method	-	-	NT
6	Total Suspended Solids @103°C-105°C (TSS)	mg/l	IS 3025(part 17)2022Gravimetric Method	-	-	NT
7	Oil & Grease	mg/l	IS 3025 (Part 39) 2021 - Liquid_Liquid Partifion Gravimetric method	-	-	NT

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- * BDL - Below Detection Limit
- * NT- Not Tested
- * Samples will be retested after 7 days after completion of analysis

Verified By
Dhanyamol K

KWA/KTM/AR/F3 Issue No.03



- Authorized Signatory
 (Signature with Name)
SANITARY CHEMIST
 Quality Control District La
 Kerala Water Authority
 Vadavathoor P.O.
 Kottayam - 686010

Rev. 05



**QUALITY CONTROL DISTRICT LAB
KERALA WATER AUTHORITY**

VADAVATHOOR, KOTTAYAM
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Report No: K511/KTM/04/2026

Date: 05.05.2026

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	2.Sampling done by	PHC PUTHUPPALLY
	3.Sample Code	2026/QC/KTM/KI255
	4.Source of Sample	WELL
	5.Sample Quantity	200 ml
	6.Sample Condition	Acceptable
	7.Test performing date	02.05.2026 – 05.05.2026

BACTERIOLOGICAL ANALYSIS

Sl No.	Parameters	Acceptable limits as per – IS 10500-2012	Test Method	Result
1	Coliforms	Shall not be detected/100ml	IS 15185:2016 (Reaffirmed 2021)	ABSENT
2	E-coli	Shall not be detected/100ml	IS 15185:2016 (Reaffirmed 2021)	ABSENT

Test method

Coliforms: Membrane Filtration Method

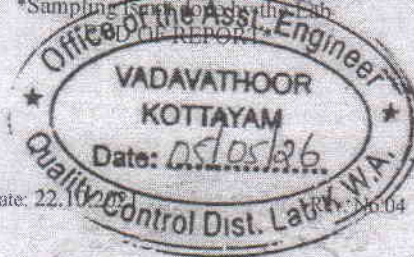
E. coli: Membrane Filtration Method

Remarks: -

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*Samples will be retained only for 7 days after completion of analysis

*Sampling done by Asst. Engineer



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Nithin
Authorized By
(Signature with Name)
Page 1-1

KWA/KTM/AR/F4

Issue No.01

Issue Date: 22.10.2024

Rev. Date: 13.04.2026