



TC-10495

QUALITY CONTROL DISTRICT LAB
KERALA WATER AUTHORITY
 VADAVATHOOR, KOTTAYAM
 Telephone No. 0481 2994540, Email- qcdlkottayam@gmail.com



Test Report

ULR – TC1049526000000454F

Report no :K598/KTM/05/2026

Date : 18.05.2026

Customer Name & Address THE HEADMISSTRESS ST MARYS ENGLISH MEDIUM SCHOOL MANARCAD KOTTAYAM	1.Date of Receipt	13.05.2026
	2.Sampling done by	CUSTOMER
	3.Sample Code	2026/OC/KTM/KI450
	4.Source of Sample	WELL
	5.Sample Quantity	2 Litre
	6 Sample condition	Acceptable
	7.Test performing date	13.05.2026-15.05.2026

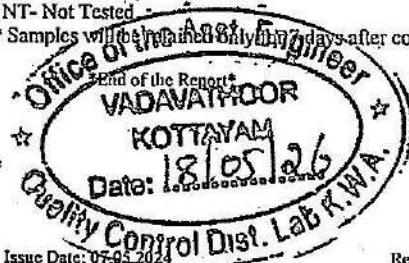
Sl. No	Characteristics	Unit	Test Method	Acceptable limits As per IS 10500:2012	Limit of detection	Result
1	Colour	HU	APHA-24 th Edition (2023) 2120 B – Visual comparison method	5	1	NT
2	Odour		IS 3025 (Part 5) 2018	Agreeable	Agreeable	NT
3	Taste		IS 3025 (Part 8) :2023	Agreeable	Agreeable	NT
4	Turbidity	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	6.7
6	Total Alkalinity (as CaCO ₃)	mg/l	IS 3025 (Part 23) :2023 Indicator Method	200	5	NT
7	Total dissolved solids (TDS) at 180° C	mg/l	IS 3025 (Part 16) :2023 Gravimetric Method	500	5	NT
8	Total Hardness (as CaCO ₃)	mg/l	IS 3025 (Part21) - 2009 (Reaffirmed 2023) - EDTA Method	200	5	68
9	Calcium (as Ca)	mg/l	IS 3025 (Part 40) :2024 EDTA Titrimetric Method	75	5	NT
10	Magnesium (as Mg)	mg/l	APHA 24 th Edition (2023) 3500 – Mg B Calculation Method	30	5	NT

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

Dhanyamol K
 Verified By
 Dhanyamol K



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



TC-10495

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

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



Test Report

ULR – TC104952600000454F

Report no : K598/KTM/05/2026	Date : 18.05.2026
------------------------------	-------------------

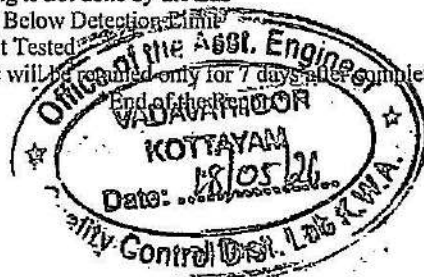
Customer Name & Address THE HEADMISSSTRESS ST MARYS ENGLISH MEDIUM SCHOOL MANARCAD KOTTAYAM	1.Date of Receipt	13.05.2026
	2.Sampling done by	CUSTOMER
	3.Sample Code	2026/QC/KTM/KI450
	4.Source of Sample	WELL
	5.Sample Quantity	2 Litre
	6 Sample condition	Acceptable
	7.Test performing date	13.05.2026-15.05.2026

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	23.9
12	Electrical Conductivity at 25 °C	µS/cm	IS 3025 (Part14) -2013 (Reaffirmed 2023)		10 µS/cm	222
13	Acidity	mg/l	IS 3025 (Part22) :2024 Indicator Method		5	NT
14	Sulphate (as SO ₄ ²⁻)	mg/l	IS 3025 (Part24 / Sec1) 2022 Turbidity Method	200	1	NT
15	Fluoride (as F)	mg/l	APHA 24th Edition 4500 -F'D SPADNS Method	1	0.1	NT
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- NO3 - B Ultraviolet Spectrophotometric Screening Method	45	1	9.6

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 reanalysed only for 7 days after completion of analysis

Verified By
Dhanyamol K.



Authorized Signatory
(Signature with Name)
Rohini K.R.
SANDHYA CHEMIST
Page 2-2
Kottayam - 700010

QUALITY CONTROL DISTRICT LAB
KERALA WATER AUTHORITY
 VADAVATHOOR, KOTTAYAM
 Telephone No. 0481 2994540, Email - qcldkottayam@gmail.com



Test Report

Report no : K598/KTM/05/2026 Date : : 18.05.2026

Customer Name & Address THE HEADMISSTRESS ST MARYS ENGLISH MEDIUM SCHOOL MANARCAD KOTTAYAM	1.Date of Receipt	13.05.2026
	2.Sampling done by	CUSTOMER
	3.Sample Code	2026/QC/KTM/K1450
	4.Source of Sample	WELL
	5.Sample Quantity	2 Litre
	6 Sample condition	Acceptable
	7.Test performing date	13.05.2026-15.05.2026

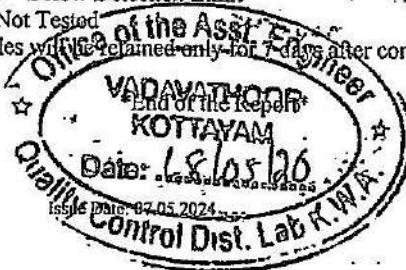
Sl. No	Characteristics	Unit	Test Method	Acceptable limits As per IS 10500:2012	Limit of detection	Result
1	Residual Chlorine	mg/l	Kit Method	0.2	-	NT
2	Aluminium	mg/l	IS 3025 (Part 55) :2003(Reaffirmed 2023)-Eriochrome Cyanine R Method	0.03	-	NT
3	Dissolved Oxygen	mg/l	IS 3025 (Part 38) :2025 Winkler 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 Partition Gravimetric method	-	-	NT

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

 Dhanyamol.k
 KWA/KTM/AR/23 Issue No.03



Rev. 05

Authorized Signatory
 (Signature with Name)
 SANITARY CHEMIST
 Rev. Date: 13.04.2026
 Quality Control District Lab
 Kerala Water Authority
 Vadavathoor P.O.
 Kottayam - 686010



QUALITY CONTROL DISTRICT LAB

KERALA WATER AUTHORITY

VADAVATHOOR, KOTTAYAM

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

TEST REPORT



TC-10495

ULR – TC1049526000000454F

Report No: K598/KTM/05/2026	Date: 18.05.2026
-----------------------------	------------------

Customer Name & Address THE HEADMISSTRESS ST MARYS ENGLISH MEDIUM SCHOOL MANARCAD KOTTAYAM	1.Date of Receipt	13.05.2026
	2.Sampling done by	CUSTOMER
	3.Sample Code	2026/QC/KTM/K1450
	4.Source of Sample	WELL
	5.Sample Quantity	200 ml
	6.Sample Condition	Acceptable
	7.Test performing date	13.05.2026 – 16.05.2026

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

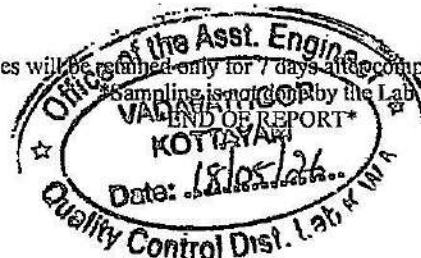
Coliforms: Membrane Filtration Method

E. coli: Membrane Filtration Method

Remarks: -

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

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



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

KWA/KTM/AR/F4

Issue No.01

Issue Date: 22.10.2021

Rev. No.04

Rev. Date: 13.04.2026

Lead



Sushrma Mathew
 SUSHRMA MATHEW
 PRINCIPAL
 Mary's English Medium School
 Manarcad

MICROBIOLOGIST
 Quality Control District
 Kerala Water Authority
 Vadavathoor P.O.
 Kottayam - 686910