



**QUALITY CONTROL DISTRICT LAB  
KERALA WATER AUTHORITY**

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



**Test Report**

ULR – TC1049526000000140F

Report no :K194/KTM/02/2026

Date : 24.02.2026

<b>Customer Name &amp; Address</b>  THE PRINCIPAL CLUNY PUBLIC SCHOOL CHEPPUMPARA LAKKATTOOR P.O. KOTTAYAM KERALA	1.Date of Receipt	20.02.2026
	2.Sampling done by	CUSTOMER
	3.Sample Code	2026/QC/KTM/K523
	4.Source of Sample	WELL
	5.Sample Quantity	2 Litre
	6 Sample condition	Acceptable
	7.Test performing date	20.02.2026-23.02.2026

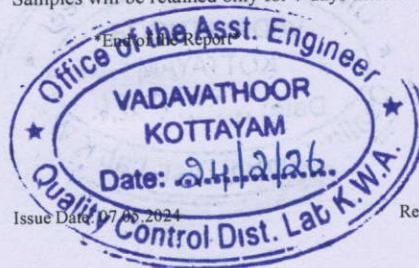
Sl. No	Characteristics	Unit	Test Method	Acceptable limits As per IS 10500:2012.	Limit of detection	Result
1	Colour	HU	APHA-24 <sup>th</sup> Edition (2023) 2130 B – Visual comparison method	5	1	5
2	Odour		IS 3025 (Part 5) 2018	Agreeable	Agreeable	Agreeable
3	Taste		IS 3025 (Part 8) :2023	Agreeable	Agreeable	Agreeable
4	Turbidity	NTU	IS 3025 ( Part10 ):2023 Nephelometric Method	1	0.5	2.2
5	P <sup>H</sup> at 25 °C		IS 3025 (Part 11) – 2022 Potentiometric Method	6.5 - 8.5	2	6.8
6	Total Alkalinity (as CaCO <sub>3</sub> )	mg/l	IS 3025 ( Part 23 ) :2023 Indicator Method	200	5	22
7	Total dissolved solids ( TDS ) at 180° C	mg/l	IS 3025 ( Part 16 ) :2023 Gravimetric Method	500	5	113
8	Total Hardness ( as CaCO <sub>3</sub> )	mg/l	IS 3025 (Part21) - 2009 (Reaffirmed 2023) - EDTA Method	200	5	54
9	Calcium (as Ca)	mg/l	IS 3025 ( Part 40 ) :2024 EDTA Titrimetric Method	75	5	19.2
10	Magnesium (as Mg)	mg/l	APHA 24 <sup>th</sup> Edition (2023) 3500 – Mg B Calculation Method	30	5	BDL

Remarks: -

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- \* 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)

Dhanyamol K Page 1-2



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	<b>3.Sample Code</b>	2026/QC/KTM/K523
	<b>4.Source of Sample</b>	WELL
	<b>5.Sample Quantity</b>	2 Litre
	<b>6 Sample condition</b>	Acceptable
	<b>7.Test performing date</b>	20.02.2026-23.02.2026

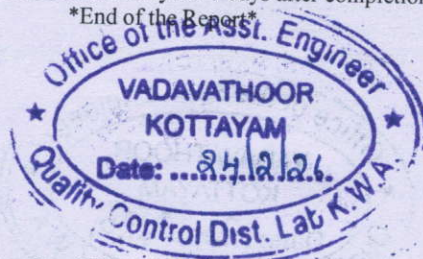
Sl. No	Characteristics	Unit	Test Method	Acceptable limits As per IS 10500:2012	Limit of detection	Result
11	Chloride ( as Cl )	mg/l	IS 3025 ( Part32 ):2025 Argentometric Method	250	5	24
12	Electrical Conductivity at 25 °C	µS/cm	IS 3025 ( Part14 ) -2013 ( Reaffirmed 2023 )		10 µS/cm	186
13	Acidity	mg/l	IS 3025 ( Part22 ) :2024 Indicator Method		5	BDL
14	Sulphate (as SO <sub>4</sub> )	mg/l	IS 3025 (Part24 / Sec1 ) 2022 Turbidity Method	200	1	4.5
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 <sub>3</sub> )	mg/l	APHA 24th Edition 4500- NO <sub>3</sub> – B Ultraviolet Spectrophotometric Screening Method	45	1	3.2

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\*End of the Report\*

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*Dhanyamol K*

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**Test Report**

Report no : K194/KTM/02/2026	Date : 24.02.2026
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<b>Customer Name &amp; Address</b>	<b>1.Date of Receipt</b>	20.02.2026
<b>THE PRINCIPAL CLUNY PUBLIC SCHOOL CHEPPUMPARA LAKKATTOOR P.O. KOTTAYAM KERALA</b>	<b>2.Sampling done by</b>	CUSTOMER
	<b>3.Sample Code</b>	2026/QC/KTM/K523
	<b>4.Source of Sample</b>	WELL
	<b>5.Sample Quantity</b>	2 Litre
	<b>6 Sample condition</b>	Acceptable
	<b>7.Test performing date</b>	20.02.2026-23.02.2026

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	-	NIL
2	Dissolved Oxygen	mg/l	IS 3025 (Part 38) :2025 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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(Signature with Name)  
**Dhanya K**  
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Rev. Date: 01.01.2026

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**TEST REPORT****



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	<b>3.Sample Code</b>	2026/QC/KTM/K523
	<b>4.Source of Sample</b>	WELL
	<b>5.Sample Quantity</b>	200 ml
	<b>6.Sample Condition</b>	Acceptable
	<b>7.Test performing date</b>	20.02.2026 – 23.02.2026

**BACTERIOLOGICAL ANALYSIS**

SI 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	<i>E-coli</i>	Shall not be detected/100ml	IS 15185:2016 (Reaffirmed 2021)	ABSENT

Test method

Coliforms: Membrane Filtration Method

E. coli: Membrane Filtration Method

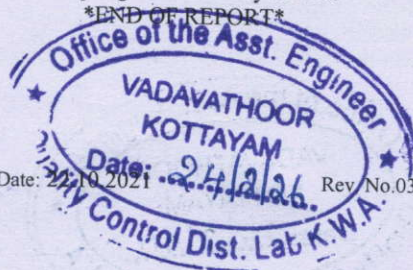
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\*END OF REPORT\*



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Rev. Date 01.01.2026

KWA/KTM/AR/F4

Issue No.01

Issue Date: 24/02/2026

Rev No.03