



QUALITY CONTROL SUB DISTRICT LAB
KERALA WATER AUTHORITY
COLLECTORATE P O, KOTTAYAM
Telephone No. 0481 2302391, Email- qcsdlkm@gmail.com

TEST REPORT

Report No:565/QC/KTM/04/2026	Date:29.04.2026
Customer Name & Address MOUNT CARMEL VIDYANIKETAN MUTTAMPBALAM P O KANJIKUZH KOTTAYAM	1.Date of Receipt 24/04/26 2.Sampling done by CUSTOMER 3.Sample Code 2026/QC/KTM/M843 4.Source of Sample WELL 5.Sample Quantity 200ML 6.Sample Condition Acceptable 7.Test performing date:24.04.2026-27.04.2026

BACTERIOLOGICAL ANALYSIS

	Parameters	Acceptable Limits as per IS 10500-2012	Test Method	Result
1	Coliforms	Shall not be detected/100ml	IS 15185:2016 (Reaffirmed 2021)	PRESENT
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 with written approval of the laborator

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

*Sampling is not done by the Lab

END OF REPORT

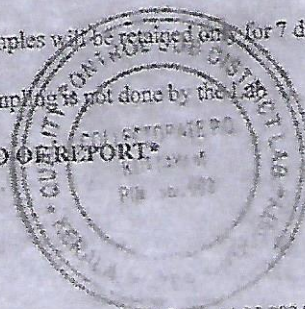
Self attested
[Signature]
Principal
Mount Carmel Vidyaniketan
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KWA/QC/MC/AR/F4

Issue No:01

Issue Date: 11.03.2024

Rev. No:02

Rev. Date: 20.04.2026



Authorized By
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Page 1 of 1



QUALITY CONTROL SUB DISTRICT LAB
KERALA WATER AUTHORITY
COLLECTORATE P O, KOTTAYAM
Telephone No. 0481 2302391, Email- qcs.lktm@gmail.com
(NABL Recognized Block Level Government Drinking Water Testing Laboratory)
Test Report

Certificate No. NABL-DWT-00897

Report No:565/QC/KTM/04/2026

Date:29.04.2026

Customer Name & Address MOUNT CARMEL VIDYANIKETAN MUTTAMPBALAM P O KANJIKUZH KOTTAYAM			1.Date of Receipt		24/04/26	
			2.Sampling done by		CUSTOMER	
			3.Sample Code		2026/QC/KTM/M843	
			4.Source of Sample		WELL	
			5.Sample Quantity		2 Litres	
			6.Sample Condition		Acceptable	
			7.Test performing date:24.04.2026-27.04.2026			
SLNo.	Characteristics	Unit	Test Method	Limit of Detection	Acceptable limits As per IS 10500:2012	Result
1	Colour	HU	APHA 24 th Edition (2023) 2120 B Visual comparison Method	1	5	1
2	Odour		IS 3025 (part 5) – 2018	Agreeable	Agreeable	Agreeable
3	Taste		IS 3025 (part8)-2023	Agreeable	Agreeable	Disagreeable
4	Turbidity	NTU	IS 3025(part10):2023 Nephelometric Method	0.5	1	BDL
5	pH at 25 °C		IS 3025(part 11)-2022- Potentiometric Method)	2	6.5 - 8.5	6.7
6	Total Alkalinity(as CaCO ₃)	mg/l	IS 3025(part 23):2023 Indicator Method	5	200	22.2
7	Total dissolved solids (TDS)at 180°C	mg/l	IS 3025(part16): 2023 (TDS Meter/Gravimetric Method)	10	500	113
8	Total hardness (as CaCO ₃)	mg/l	IS 3025(part21)-2009 (Reaffirmed 2023) EDTA Method	10	200	64
9	Calcium (as Ca)	mg/l	IS 3025(part40): 2024 EDTA Titrimetric Method	5	75	24.0
10	Magnesium (as Mg)	mg/l	APHA 24 th Edition (2023)3500 – Mg B- Calculation Method	5	30	BDL
11	Chloride (as Cl)	mg/l	IS 3025(part32)-2025 Argentometric Method	10	250	30
Remarks						

Remarks:

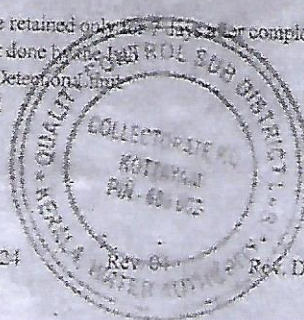
NB - The result stated above related only to the sample(s)submitted for testing. This test Certificate shall not be reproduced except in full without the written approval of the laboratory.

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*Sampling is not done by the laboratory

*BDL - Below Detection Limit

*NT- Not Tested



Verified and Authorized By
(Signature with Name)

[Signature]

Principal
Mount Carmel Vidyaniketan
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Kottayam - 686 004

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Rev. Date: 29.04.2026



QUALITY CONTROL SUB DISTRICT LAB
KERALA WATER AUTHORITY
COLLECTORATE P O, KOTTAYAM
Telephone No. 0481 2302391, Email- qcsdlktn@gmail.com

Test Report

Report No:565/QC/KTM/04/2026	Date 29.04.2026
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Customer Name & Address MOUNT CARMEL VIDYANIKETAN MUTTAMPBALAM P O KANJIKUZH KOTTAYAM	1.Date of Receipt	24/04/26
	2.Sampling done by	CUSTOMER
	3.Sample Code	2026/QC/KTM/M843
	4.Source of Sample	WELL
	5.Sample Quantity	2 Litres
	6.Sample Condition	Acceptable
	7.Test performing date:24.04.2026-27.04.2026	

Sl. No	Characteristics	Unit	Test Method	Desirable limits as per IS 10500:2012	Result
1	Electrical conductivity at 25 °C	(Micro mhos/cm)	IS 3025(part14)-2013 (Reaffirmed 2023)		210
2	Acidity	(mg/litre)	IS 3025(part22)-2024 Indicator Method		6.1
3	Sulphate (as SO ₄)	(mg/litre)	IS 3025(part24 Sec 1)-2022 Turbidity Method	200	11.0
4	Fluoride (as F)	(mg/litre)	KIT Method	1	BDL
5	Iron (as Fe)	(mg/litre)	IS 3025(part53)-2024 (Phenanthroline Method)	1	BDL
6	Nitrate(as NO ₃)	(mg/litre)	KIT Method	45	10
7	Residual chlorine	(mg/litre)	KIT Method	0.2	NIL
8	Biological Oxygen Demand	(mg/litre)	IS 3025(part 44)-2023-Oxygen Depletion Method		NT
9	Dissolved Oxygen	(mg/litre)	IS 3025(part 56)-1989 (Reaffirmed 2019) -Winkler Method		NT
10	Chemical Oxygen Demand	(mg/litre)	IS 3025(part 58)-2006 (Reaffirmed 2023) -Open Reflux Method		NT
11	Total Suspended Solids @ 103°C - 105°C (TSS)	(mg/litre)	IS 3025(part 17)-2023 Gravimetric Method		NT

Remarks

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*Sampling is not done by the Lab

*BDL - Below Detection Limit

*NT- Not Test

End of the Report

Verified and Authorized By
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Jyothidevshree K. G.

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Issue No.04

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Email: mtcarmelcbse@yahoo.com

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Rev. G4

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