



QUALITY CONTROL SUB DISTRICT LAB
KERALA WATER AUTHORITY
COLLECTORATE P O, KOTTAYAM

Telephone No. 0481 2302391, Email- qcsdlktm@gmail.com

(NABL Recognized Block Level Government Drinking Water Testing Laboratory)

Test Report

Certificate No. NABL-DWT-00897

Report No:773/QC/KTM/05/2026

Date:01.06.2026

Customer Name & Address THE PRINCIPAL HOLY CROSS VIDYA SADAN THELLAKOM P. O. KOTTAYAM				1.Date of Receipt		25/05/26	
				2.Sampling done by		HI ETTUMANOOR	
				3.Sample Code		2026/QC/KTM/M1105	
				4.Source of Sample		WELL	
				5.Sample Quantity		2 Litres	
				6.Sample Condition		Acceptable	
				7.Test performing date: 25.05.2026-28.05.2026			
Sl.No.	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	0.9
5	pH at 25 ⁰ C		IS 3025(part 11)-2022- Potentionmetric Method)		2	6.5 - 8.5	5.9
6	Total Alkalinity(as CaCO ₃)	mg/l	IS 3025(part 23):2023 Indicator Method		5	200	BDL
7	Total dissolved solids (TDS)at 180 ⁰ C	mg/l	IS 3025(part16): 2023 (TDS Meter/Gravimetric Method)		10	500	18
8	Total hardness (as CaCO ₃)	mg/l	IS 3025(part21)-2009 (Reaffirmed 2023) EDTA Method		10	200	10
9	Calcium (as Ca)	mg/l	IS 3025(part40): 2024 EDTA Titrimetric Method		5	75	BDL
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	6

Remarks

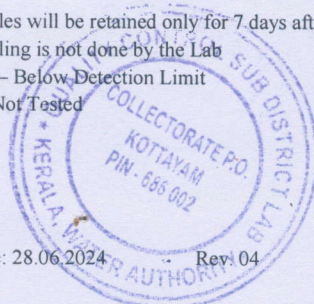
NB:- The result stated above related only to the sample(s) submitted for testing. This test Certificate shall not be reproduced except in full without the written approval of the laboratory

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

*Sampling is not done by the Lab

*BDL – Below Detection Limit

*NT- Not Tested



Verified and Authorized By
(Signature with Name)

Jyothikshmi K.G.



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Test Report

Report No:773/QC/KTM/05/2026	Date:01.06.2026
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Customer Name & Address THE PRINCIPAL HOLY CROSS VIDYA SADAN THELLAKOM P. O. KOTTAYAM	1.Date of Receipt	25/05/26
	2.Sampling done by	HI ETTUMANOOR
	3.Sample Code	2026/QC/KTM/M1105
	4.Source of Sample	WELL
	5.Sample Quantity	2 Litres
	6.Sample Condition	Acceptable
	7.Test performing date:25.05.2026-28.05.2026	

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)		30
2	Acidity	(mg/litre)	IS 3025(part22)-2024 Indicator Method		12.1
3	Sulphate (as SO ₄)	(mg/litre)	IS 3025(part24/Sec 1)2022 Turbidity Method	200	BDL
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	BDL
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 38)-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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- *Samples will be retained only for 7 days after completion of analysis
- *Sampling is not done by the Lab
- *BDL – Below Detection Limit
- *NT- Not Test

End of the Report

Verified and Authorized By
(Signature with Name)

Jyathidek Shree K.A.



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TEST REPORT

Report No:907/QC/KTM/06/2026	Date: 20.06.2026
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Customer Name & Address PRINCIPAL HOLY CROSS VIDYA SADAN THELLAKOM P. O KOTTAYAM	1.Date of Receipt	16/06/2026
	2.Sampling done by	CUSTOMER
	3.Sample Code	2026/QC/KTM/M1266
	4.Source of Sample	WELL
	5.Sample Quantity	200ML
	6.Sample Condition	Acceptable
	7.Test performing date: 16.06.2026 - 19.06.2026	

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)	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 is not done by the Lab

END OF REPORT



Verified and Authorized By
(Signature with Name)

Chandrasekhar R. Chidambaram
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