



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:591/QC/KTM/05/2025

Date:20/05/25

Customer Name & Address THE PRINCIPAL HOLY CROSS VIDHYA SADAN THELLAKOM P O KOTTAYAM	1.Date of Receipt	16/05/25
	2.Sampling done by	AMO ETTUMANOOR
	3.Sample Code	2025/QC/KTM/M2528
	4.Source of Sample	WELL
	5.Sample Quantity	2 Litres
	6.Sample Condition	Acceptable
	7.Test performing date: 16.05.2025 – 19.05.2025	

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(Reaffirmed 2022)	Agreeable	Agreeable	Agreeable
3	Taste		IS 3025(part8)-1984 (Reaffirmed 2023)	Agreeable	Agreeable	Disagreeable
4	Turbidity	NTU	IS 3025(part10)-1984 (Reaffirmed 2023)- Nephelometric Method	0.5	1	0.79
5	pH at 25 °C		IS 3025(part 11)-2022- Potentionmetric Method)	2	6.5 - 8.5	6.7
6	Total Alkalinity(as CaCO ₃)	mg/l	IS 3025(part 23)-1986 (Reaffirmed 2023)Indicator Method	5	200	12.2
7	Total dissolved solids (TDS)at 180°C	mg/l	IS 3025(part16)-1984 (Reaffirmed 2023) (TDS Meter/Gravimetric Method)	10	500	47.6
8	Total hardness (as CaCO ₃)	mg/l	IS 3025(part21)-2009 (Reaffirmed 2019)EDTA Method	10	200	22
9	Calcium (as Ca)	mg/l	IS 3025(part40)-1991 (Reaffirmed 2023)EDTA Titrimetric Method	5	75	6.4
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)-1988 (Reaffirmed 2019)Argentometric Method	10	250	15.8

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



Authorized Signatory
(Signature with Name)
Anitha Cherian



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Customer Name & Address	1.Date of Receipt	16/05/2025
THE PRINCIPAL HOLY CROSS VIDHYA SADAN THELLAKOM P O KOTTAYAM	2. Sample done by	AMO ETTUMANOOR
	3. Sample Code	2025/QC/KTM/M2528
	4. Source of Sample	WELL
	5. Sample Quantity	2 Litre
	6. Sample condition	Acceptable
	7. Test performing date:	16/05/2025 -19/05/2025

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 2019)		71.5
2	Acidity	(mg/litre)	IS 3025(part22)-1986 (Reaffirmed 2019)Indicator Method		BDL
3	Sulphate (as SO ₄)	(mg/litre)	IS 3025(part24)-1986 (Reaffirmed 2022)Turbidity Method	200	3.82
4	Fluoride (as F)	(mg/litre)	KIT Method	1	BDL
5	Iron (as Fe)	(mg/litre)	IS 3025(part53)-2003 (Reaffirmed 2014) 1, 10-Phenanthroline Method)	1	0.51
6	Nitrate(as NO ₃)	(mg/litre)	KIT Method	45	5
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

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*BDL - Below Detection Limit

*NT- Not Tested

*End of the Report



Authorized Signatory
(Signature with name)
Indhu Banan



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COLLECTORATE P O, KOTTAYAM
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TEST REPORT

Report No:591/QC/KTM/05/2025	Date:20.05.2025
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Customer Name & Address THE PRINCIPAL HOLY CROSS VIDHYA SADAN THELLAKOM P O KOTTAYAM	1.Date of Receipt	16.05.2025
	2.Sample done by	AMO ETTUMANOOR
	3.Sample Code	2025/QC/KTM/M2528
	4.Source of Sample	WELL
	5.Sample Quantity	100 ML
	6.Sample condition	Acceptable
	7.Test performing date: : 16.05.2025 – 19.05.2025	

BACTERIOLOGICAL ANALYSIS

	Parameters	Acceptable Limits as per IS 10500-2012	Test Method	Result
1	Coliforms	Shall not be detected/100ml	IS 15185:2016	PRESENT
2	E.coli	Shall not be detected/100ml	IS 15185:2016	ABSENT

Test Method:-

Coliforms- Membrane filtration Method

E.coli- Membrane filtration Method

Remarks:-

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END OF REPORT



Authorized By
Anwar R. Akbar



കേരള സർക്കാർ
കോട്ടയം ഗവ. മെഡിക്കൽ കോളേജ് ഹെൽത്ത് സെന്റർ
ഏറ്റുമാനൂർ പി.ഒ, ഏറ്റുമാനൂർ
ഇ-മെയിൽ - kmchetr@gmail.com ഫോൺ നം. 0481-2535573

No.PH267/2025/KMCFHC

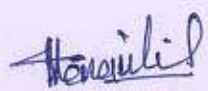
Ettumanoor
16.7.2025

PROFORMA FOR SAFE DRINKING WATER AND SANITARY CONDITION CERTIFICATE

It is certified that an inspection team headed by Health Inspector K.M.C.H.C
Ettumanoor from PHED inspected the Holy cross Vidhyasadan
Thellakom P.O Kottayam Kerala on
23.05.2025 and on the basis of Water Test Report (Attached) bearing no
807.QC/KTM/06/2025 dtd. 26.6.2025 of Kerala Water Authority
Kottayam certified that the Holy cross Vidhyasadan has safe
drinking water facilities for the students and members of staff of the institution.
School is also maintains the hygienic sanitation condition in the school building & the
campus as per norms prescribed by the Central/State/UT Govt.

This certificate is valid till 31.3.2026



Signature with Seal: 
Name: Health Inspector
Designation: K.M.C.H.C
Name & Address of the Office /
Department: Ettumanoor
K.M.C.H.C
Ettumanoor

To
Holy cross Vidhyasadan
Thellakom
(Name & Address of the institution)

Note:- The certificate is to be issued by authorized officer/PHED Lab/Local bodies.