



QUALITY CONTROL SUB DISTRICT LABORATORY

KERALA WATER AUTHORITY

Telephone No: 04735 294249 . Email : kwaocsdlnmi@gmail.com

ELANTHOOR, PATHANAMTHITTA

(NABL Recognized Sub Divisional Level Government Drinking Water Testing Laboratory)
(Certificate No. NABL-DWT-0092)

Telephone No: 0469 2600833 , Email : aeqcdltvla@gmail.com

WATER ANALYSIS REPORT

Report No:1767/ELR/05/2026		Date :23.05.2026	
Customer Name & Address		1.Date of Payment Received	22.05.2026
M G M HOLY ANGELS MODEL SCHOOL VETTIPPURAM MUNDUKOTTACKAL P O PATHANAMTHITTA		2. Date of Sample Received	22.05.2026
		3. Time of Sampling	2 P.M
		4. Sampling done by	Customer
		5.Sample Code	2026/QCSDL/ELR/E1767
		6. Source of Sample	Drinking Water
		7.Sampling procedure	Not Applicable
		8. Sample Quantity	2 LITRE
		9.Test performing dates From : 22.05.2026 to 23.05.2026	

Sl. No	Characteristics	Unit	Test Method	Maximum acceptable limits as per IS 10500-2012	Limit of Quantification (LOQ)	Result
1	Colour	HU	APHA 24 th Edition 2120 - B Visual Comparison Method	5	1 HU	5
2	Odour		IS 3025(part- 5)-2018	Agreeable	Qualitative Agreeable/Disagreeable	Agreeable
3	Taste		IS 3025(part - 8)- 2023	Agreeable	Qualitative Agreeable/Disagreeable	Agreeable
4	Turbidity	NTU	IS 3025(part-10)-2023	1	0.5 NTU	0.63
5	pH at 25°C		IS 3025(part -11)-2022	6.5-8.5	2	6.85
6	Total Alkalinity (as CaCO ₃)	mg/L	IS 3025(part - 23)-2023	200	5 mg/L	8
7	Total Dissolved Solids (TDS)	mg/L	IS 3025(part-16)-2023	500	5mg/L	69.53
8	Total Hardness (as CaCO ₃)	mg/L	IS 3025(part-21)-2029 (Reaffirmed 2023)	200	5 mg/L	8
9	Calcium(as Ca)	mg/L	IS 3025(part-40)-2024	75	5 mg/L	1.6
10	Magnesium (as Mg)	mg/L	APHA 24 th Edition 3500 – Mg Method B (Calcium Method)	30	5 mg/L	< 1
11	Chloride(as Cl)	mg/L	IS 3025(part-32)-2025	250	5 mg/L	15.6

Remarks:-

NB:-The results 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.

NT-Not Tested (Due to safety issues)

Authorized by
Name : SHAHINA S
Technical ManagerPage 1 of 1
** End of Report **



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Sl. No	Characteristics	Unit	Test Method	Maximum acceptable limits as per IS 10500-2012	Limit of Quantification (LOQ)	Result
1	Electrical Conductivity at 25° C	micro S/cm	IS 3025(part-14)-2013 (Reaffirmed 2023)		10µS/cm	115.7
2	Acidity	mg/L	IS 3025(part-22)-2024		5mg/L	3.96
3	Sulphate (as SO ₄)	mg/L	IS 3025(part-24/Sec1)-2022	200	1 mg/L	6.53
4	Fluoride (as F)	mg/L	Kit Method	1	0.1 mg/L	< 0.01
5	Iron (as Fe)	mg/L	IS 3025(part-53)-2024	1	0.1mg/L	< 0.1
6	Nitrate (as NO ₃)	mg/L	Kit Method	45	0.0 mg/L	5
7	Residual Chlorine	Mg/L	Kit Method	0.2		Nil

Remarks:-

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Authorized by

Name : SHAHINA S
Technical Manager

Shahina S

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** End of Report **

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Lab Elanthoor



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BACTERIOLOGICAL ANALYSIS

Sl. No	Parameters	Acceptable limits as per IS 10500-2021	Test Method	Result
1	Total Coliform	Shall not be detected/100 ml	IS 15185 -2016 (Reaffirmed 2021)	ABSENT
2	E.coli	Shall not be detected/100 ml	IS 15185 -2016 (Reaffirmed 2021)	ABSENT

Remarks:-

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Signature of Analyst with Name

PRATHIBHA S

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