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KERALA WATER AUTHORITY

QUALITY CONTROL SUB DISTRICT LAB, PIRAVOM -686664
(NABL RECOGNIZED LABORATORY)

WATER TEST REPORT

Report No: KWA/QCSDL-PVM/2417/25-26

Report Issue Date: 04.08.2025

Customer Name & Address	Date of Receipt of Payment	28.07.25
	Date of Sample received	28.07.25
	Sample given by	Customer
	Sample Code	PVM/2417/07/25
ST. EPHREM SEMINARY PUBLIC SCHOOL VETTICKAL MULANTHURUTHY	Sample Name	Drinking Water
	Sample Condition	Good
	Source of Sample	Open Well
	Sample Quantity	2 Litre
	Test performing dates :	From :29.07.25 to 01.08.25

SL.No	Characteristics	Unit	Test Method	Acceptable Limit as per IS 10500-2012	Result
1	Colour	Hazen	IS 3025 (Part 4)-1983(Reaffirmed 2021)	5	1
2	Odour	-	IS 3025 (Part 5)-2018	Agreeable	Agreeable
3	Turbidity	NTU	IS 3025 (Part 10)-2023	1	2.06
4	pH at 25°C	-	IS 3025 (Part 11)-1983(Reaffirmed 2022)	6.5 to 8.5	5.80
5	Total Alkalinity	mg/L	IS 3025 (Part 23)-2023	200.0	4.04
6	Total Dissolved Solids (TDS) @180°C	mg/L	IS 3025 (Part 16)-2023	500	32
7	Total Hardness (as CaCO ₃)	mg/L	IS 3025 (Part 21)-2009(Reaffirmed 2019)	200	19.6
8	Calcium (as Ca)	mg/L	IS 3025 (Part 40)-2024	75	5.49
9	Magnesium (as Mg)	mg/L	IS 3025 (Part 46)-2023	30	1.44
10	Chloride (as Cl)	mg/L	IS 3025 (Part 32)-1988(Reaffirmed 2019)	250	12.12
11	Acidity	mg/L	IS 3025 (Part 22)-2024	-	18.36
12	Electrical conductivity at 25°C	micromhos/cm	IS 3025 (Part 14)-2013(Reaffirmed 2019)	-	47.54
13	Iron (as Fe)	mg/L	IS 3025 (Part 53)-2024	1	BDL
14	Nitrate (as NO ₃)	mg/L	IS 3025 (Part 34/Sec.1) 2023	45	1.07
15	Sulphate (as SO ₄)	mg/L	IS 3025 (Part 24)-2022	200	1.28
16	Fluoride (as F)	mg/L	IS 3025 (Part 60/Sec.1) 2023	1	BDL
17	Residual Chlorine (as RC)	mg/L	IS 3025 (Part 26)-2021	0.2	Nil

Remarks: - DL : Detectable Limit
BDL : Below Detectable Limit

NB -1) The result stated above related only to the sample(s) submitted for testing by the customer .
2) The samples retain for 15 days from the end date of analysis
3) The test certificate shall not be reproduced except in full without the written approval of the Laboratory

Analysed By
TECHNICAL MANAGER
SHEENAMOL M S

End of Report

KWA/QCSDL/PVM/F 21	Issue Date : 22.09.2021
Rev No: 03	Rev Date : 11/02/2025
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QUALITY CONTROL SUB DISTRICT LAB, PIRAVOM-686664
WATER TEST-BACTERIOLOGY REPORT

Report No: KWA/QCSDL-PVM/2417/25-26

Report Issue Date: 04.08.2025

Customer Name & Address ST.EPHREM SEMINARY PUBLIC SCHOOL VETTICKAL MULANTHURUTHY		Date of Receipt of Payment	28.07.25	
		Date of Sample received	28.07.25	
		Sample given by	Customer	
		Sample Code	PVM/2417/07/25	
		Sample Name	Drinking Water	
		Sample Condition	Good	
		Source of Sample	Open Well	
		Sample Quantity	200ml	
Test performing dates :		From : 29.07.25 to 30.07.25		
Sl. No.	Parameter	Acceptable Limit as per IS 10500-2012	Test Method	Result
1	Total Coliform	Shall not be Detected/100ml	IS15185-2016	Present
2	E-Coli	Shall not be Detected/100ml	IS15185-2016	Absent

Remarks:-

- NB:-1) The result stated above related only to the sample(s) submitted for testing by the customer .
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Authorized By



End of Report

VIDYALAKSHMI K G

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