



KERALA WATER AUTHORITY
QUALITY CONTROL DISTRICT LABORATORY
 Vellayambalam, Thiruvananthapuram – 695033
 Tel: 04712992303 : e-mail: aeequalitytvpm@gmail.com



TEST REPORT

ULR No: TC1216425000003980F

Test Report No:2025/QCDL/TVM/4874

Date: 15.12.2025

Customer Name & Address: PRINCIPAL VISWAPRAKASH CENTRAL SCHOOL MANGATTUKADAVU THIRUMALA P O,TVPM. Phone Number : 9744542428	
Date of collection : 03.12.2025	Sampling was done by: The Customer (QUA_283608)
Sample code: 2025/QCDL/TVM/4874	Sample particulars: Drinking Water
Sample quantity: 2 litre	Date of analysis: From: 04.12.2025 To: 07.12.2025

Sl. No	Characteristics	Unit	Test Method	Acceptable Limit as per IS 10500-2012	Result
1	Chloride (as Cl)	mg/l	IS 3025 (Part 32), Argentometric Method	250	8.9
2	Fluoride	mg/l	APHA 24 th Edition, 4500 FD	1.0	BDL (DL=0.2)
3	Iron	mg/l	IS 3025 (Part 53), 1,10 Phenanthroline Method	1.0	BDL (DL=0.075)
4	Nitrate	mg/l	APHA 24 th Edition 4500-NO ₃ -B, UV Spectrophotometric Screening Method	45	1.06
5	pH		IS 3025 (Part 11), Electrometric Method	6.5 to 8.5	6.68
6	Sulphate	mg/l	IS 3025 (Part 24), Turbidity Method using Spectrophotometer	200	BDL (DL=5)
7	Total Alkalinity (as CaCO ₃)	mg/l	IS 3025 (Part 23), Indicator Method	200	10.1
8	Total Dissolved Solids	mg/l	IS 3025 (Part 16), Gravimetric Method	500	36
9	Total Hardness (as CaCO ₃)	mg/l	IS 3025 (Part 21), EDTA Method	200	11.9
10	Turbidity	NTU	IS 3025 (Part 10), Nephelometric Method	1	0.15
11	Ammonia (as NH ₃ -N)	mg/l	APHA 24 th Edition-4500-NH ₃ :F-Phenate Method	0.5	BDL (DL=0.1)
12	Residual Chlorine	mg/l	IS 3025 (Part 26) 2019	0.2	BDL (DL=1)

BDL=Below Detection Limit; DL=Detection Limit

Remarks:

1. The results apply to the sample as received for testing.
2. This test report shall not be reproduced except in full without the written approval of the laboratory management.
3. The retention period of the sample is five days from the date of analysis.

Analyzed by

SEENA H
Authorized Signatory

End of the report

SANITARY CHEMIST
QUALITY CONTROL DISTRICT LAB
KERALA WATER AUTHORITY
THIRUVANANTHAPURAM

QCDL/TR/D/7.8/A	Issue No: 3	Issue Date: 26.10.2023
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TC-12164

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Date: 15.12.2025

Customer Name & Address: PRINCIPAL VISWAPRAKASH CENTRAL SCHOOL MANGATTUKADAVU THIRUMALA P O, TVPM. Phone Number : 9744542428	
Date of collection: 03.12.2025	Sampling was done by: The Customer (QUA_283608)
Sample code:2025/QCDL/TVM/4874	Sample particulars: Drinking Water
Sample quantity: 250 ml	Date of analysis: From: 03.12.2025 To: 04.12.2025

Sl. No	Parameters	Acceptable limits as per-IS 10500-2012	Test Method	Result
1	Total Coliform	Shall not be detected / 100ml	IS 15185 Membrane Filtration Method	ABSENT/ 100 ml
2	<i>E. coli</i>	Shall not be detected / 100ml	IS 15185 Membrane Filtration Method	ABSENT / 100 ml

Remarks:

1. The results apply to the sample as received for testing.
2. This test report shall not be reproduced except in full without the written approval of the laboratory management.

Subudh

Analyzed by

Subudh

Authorized Signatory

End of the report

BACTERIOLOGIST
QUALITY CONTROL DISTRICT LAB
KERALA WATER AUTHORITY
THIRUVANANTHAPURAM