



**KERALA WATER AUTHORITY
QUALITY CONTROL DISTRICT LABORATORY**

Vellayambalam, Thiruvananthapuram – 695033
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TC-12164

TEST REPORT

ULR No: TC1216424000001567F

Test Report No: 2024/QCDL/TVM/2247

Date: 23.05.2024

Customer Name & Address : ST. ANTONY'S PUBLIC SCHOOL
VALIYATHURA, TVPM.
Phone Number : 6238856760

Date of collection: 16.05.2024

Sampling was done by: The Customer (QUA_130330)

Sample code: 2024/QCDL/TVM/2247

Sample particulars: Drinking Water

Sample quantity: 2 litre

Date of analysis: From: 17.05.2024 To: 21.05.2024

Sl.	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	13
2	Electrical Conductivity	micro mhos/cm	IS 3025 (Part 14)	-	49.46
3	Iron	mg/l	IS 3025 (Part 53), 1,10 Phenanthroline Method	1.0	BDL (DL=0.075)
4	Nitrate	mg/l	APHA 24th Edition 4500-NO ₃ -B, UV Spectrophotometric Screening Method	45	2.27
5	pH		IS 3025 (Part 11), Electrometric Method	6.5 to 8.5	6.86
6	Total Hardness (as CaCO ₃)	mg/l	IS 3025 (Part 21), EDTA Method	200	19.4
7	Turbidity	NTU	IS 3025 (Part 10), Nephelometric Method	1	0.81

BDL=Below Detection Limit; DL=Detection Limit

Remarks:

- The results stated above related only to the sample received for testing
- This test report shall not be reproduced except in full without the written approval of the laboratory management.
- The retention period of the sample is seven days from the date of analysis.

[Signature]

Analyzed by

**SANITARY CHEMIST
QUALITY CONTROL DISTRICT LAB
KERALA WATER AUTHORITY
THIRUVANANTHAPURAM**
Authorized Signatory

End of the report

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