



**KERALA WATER AUTHORITY**  
**QUALITY CONTROL DISTRICT LABORATORY**

Vellayambalam, Thiruvananthapuram – 695033  
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**TEST REPORT**

ULR No: TC1216425000001636F

Test Report No:2025/QCDL/TVM/2113

Date: 03.05.2025

Customer Name & Address: MGM CENTRAL PUBLIC SCHOOL, KARIMANAL AKKULAM TVPM. Phone Number : 9862579335	
Date of collection : 26.04.2025	Sampling was done by: The Customer (QUA_222520)
Sample code: 2025/QCDL/TVM/2113	Sample particulars: Drinking Water
Sample quantity: 2 litre	Date of analysis: From: 28.04.2025 To: 30.04.2025

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	14
2	Fluoride	mg/l	APHA 24 <sup>th</sup> 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 <sup>th</sup> Edition4500-NO <sub>3</sub> -B, UV Spectrophotometric Screening Method	45	BDL (DL=1)
5	pH		IS 3025 (Part 11), Electrometric Method	6.5 to 8.5	7.67
6	Sulphate	mg/l	IS 3025 (Part 24), Turbidity Method using Spectrometer	200	BDL (DL=5)
7	Total Alkalinity (as CaCO <sub>3</sub> )	mg/l	IS 3025 (Part 23), Indicator Method	200	11.9
8	Total Dissolved Solids	mg/l	IS 3025 (Part 16), Gravimetric Method	500	22
9	Total Hardness (as CaCO <sub>3</sub> )	mg/l	IS 3025(Part21), EDTA Method	200	15.8
10	Turbidity	NTU	IS 3025(Part 10), Nephelometric Method	1	1.18

\*BDL=Below Detection Limit; DL=Detection Limit

**Remarks:**

1. The results stated above related only to the sample 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.

*Seena*

Analyzed by

*TPD*

\*End of the report\*



*Seena H*  
SEENA H

Authorized Signatory

SANITARY CHEMIST

QUALITY CONTROL DISTRICT LAB  
KERALA WATER AUTHORITY  
THIRUVANANTHAPURAM