



KERALA WATER AUTHORITY

QUALITY CONTROL SUB DISTRICT LABORATORY

Varkala, Thiruvananthapuram - 695 141

Telephone : 0470 2995502 Email: qcsdlvarkala@gmail.com
NABL Recognized Block Level Government Drinking Water Testing Laboratory)

TEST REPORT

Certificate No. : NABL-DWT-00967

Test Report No: 2025/QCDL/VK/282

Date: 12.02.2025

Customer Name & Address: JYOTHIS CENTRAL SCHOOL KANNAMBA, VARKALA P O - 695310	
Phone Number : 8589024445	
Date of collection: 04.02.2025	Sampling was done by: The Customer (QUA_196626)
Sample code: 2025/QCDL/VK/282	Sample particulars: Drinking Water
Sample quantity: 2 litre	Date of analysis: From: 04.02.2025 To: 12.02.2025

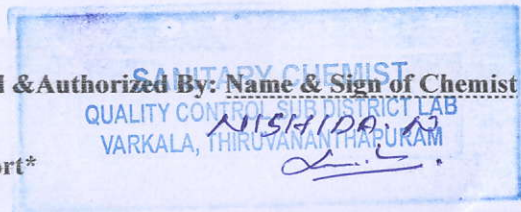
Sl. No.	Characteristics	Unit	Test Method	Acceptable Limit as per IS 10500-2012	Result
1	Turbidity	NTU	IS3025 (Part10), Nephelometric Method	1	1.00
2	pH		IS 3025 (Part 11), Electrometric Method	6.5 to 8.5	7.71
3	Total Alkalinity (as CaCO ₃)	mg/l	IS 3025 (Part 23), Indicator Method	200	19.17
4	Total Dissolved Solids	mg/l	IS 3025 (Part 16), Gravimetric Method	500	40.98
5	Total Hardness (as CaCO ₃)	mg/l	IS3025 (Part21), EDTA Method	200	28.5
6	Chloride (as Cl)	mg/l	IS3025 (Part32), Argentometric Method	250	15.54
7	Taste		IS3025 (Part 8)	Agreeable	-

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 seven days from the date of analysis.

Analyzed & Authorized By: Name & Sign of Chemist

End of the report



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KERALA WATER AUTHORITY

QUALITY CONTROL SUB DISTRICT LABORATORY

VARKALA, THIRUVANANTHAPURAM-695141
Telephone No - 0470-2995502, E-mail - qcsdlvarkala@gmail.com

TEST REPORT

Test Report No: 2025/QCDL/VK/282

Date: 12.02.2025

Customer Name & Address: JYOTHIS CENTRAL SCHOOL
KANNAMBA, VARKALA P O - 695310

Phone Number : 8589024445

Date of collection: 04.02.2025

Sampling was done by: The Customer (QUA_196626)

Sample code: 2025/QCDL/VK/282

Sample particulars: Drinking Water

Sample quantity: 2 litre

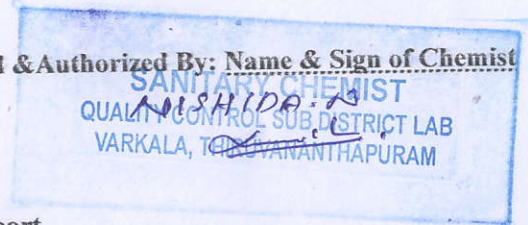
Date of analysis: From: 04.02.2025 To: 12.02.2025

Sl. No.	Characteristics	Unit	Test Method	Acceptable Limit as per IS 10500-2012	Result
1	Fluoride	mg/l	APHA24th Edition, 4500FD	1.0	0.08
2	Iron	mg/l	IS3025(Part 53), 1, 10 Phenanthroline Method	1.0	0.08
3	Nitrate	mg/l	APHA24th Edition 4500-NO ₃ -B, UV Spectrophotometric Screening Method	45	1.58
4	Sulphate	mg/l	IS 3025 (Part 24), Turbidity Method using Spectrometer	200	1.8
5	Residual Chlorine	mg/l	IS 3025 (Part 26) 2019	0.2	NIL
6	Ammonia (as NH ₃ -N)	mg/l	APHA24th Edition -4500-NH ₃ : F-Phenate Method	0.5	NIL

Remarks:

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Analyzed & Authorized By: Name & Sign of Chemist



*End of the report

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KERALA WATER AUTHORITY
QUALITY CONTROL SUB DISTRICT LABORATORY
VARKALA, THIRUVANANTHAPURAM

Telephone No - 0470-2995502, E-mail - qcsdlvarkala@gmail.com

TEST REPORT

Test Report No: 2025/QCDL/VK/282

Date: 06.02.2025


Customer Name & Address: JYOTHIS CENTRAL SCHOOL KANNAMBA, VARKALA P O - 695310	
Phone Number : 8589024445	
Date of collection: 04.02.2025	Sampling was done by: The Customer (QUA_196626)
Sample code: 2024/QCDL/VK/282	Sample particulars: Drinking Water
Sample quantity: 2 litre	Date of analysis: From: 04.02.2025 To: 05.02.2025

Sl. No	Parameters	Acceptable limits as per-IS 10500-2012	Test Method	Result
1	Total Coliforms	Shall not be detected / 100ml	IS 15185: 2016 ISO 9308 - I:2014	ABSENT
2	E. Coli	Shall not be detected / 100ml	IS 15185: 2016 ISO 9308 - I:2014	ABSENT

Remarks:

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3. The retention period of the sample is seven days from the date of analysis.


Analyzed by


BACTERIOLOGIST
Authorized Signatory
Quality Control Subdistrict Lab
Kerala Water Authority
Varkala, Tvpm

End of the report

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