



KERALA WATER AUTHORITY

QUALITY CONTROL SUB DISTRICT LABORATORY

Nedumangadu, Thiruvananthapuram - 695 546

Telephone : 0472 2998117 Email : qcsdlnedumangadu@gmail.com

(NABL Recognized Block Level Government Drinking Water Testing Laboratory)

TEST REPORT

Certificate No. : NABL-DWT-00956

Test Report No: KWA/QCSDL/ND/2025/974

Date: 31/05/2025

Customer Name & Address: PRINCIPAL, VILLA NAZARETH SCHOOL, PALAIKONAM, ARYANAD P. O	
Phone Number: 8281854125	
Date of collection: 26/05/2025	Sampling was done by : The Customer (QUA_234211)
Sample code : 974	Sample particulars : Drinking Water
Sample quantity : 2 litre	Date of analysis From: 29/05/2025 To: 31/05/2025

Sl. No.	Characteristics	Unit	Test Method	Acceptable Limit as per IS 10500-2012	Result
1	Colour	Pt Co. Units	IS 3025 (Part 4), Platinum Cobalt Visual comparison	5	-
2	Turbidity	NTU	IS 3025 (Part 10), Nephelometric Method	1	0.71
3	pH		IS 3025 (Part 11), Electrometric Method	6.5 to 8.5	8.2
4	Total Alkalinity (as CaCO_3)	mg/l	IS 3025 (Part 23), Indicator Method	200	122
5	Total Dissolved Solids	mg/l	IS 3025 (Part 16), Gravimetric Method	500	158
6	Total Hardness (as CaCO_3)	mg/l	IS 3025 (Part 21), EDTA Method	200	93.5
7	Calcium (as Ca)	mg/l	IS 3025 (Part 40), EDTA Method	75	-
8	Chloride (as Cl)	mg/l	IS 3025 (Part 32), Argentometric Method	250	12.6
9	Odour		IS 3025 (Part 5)	Agreeable	-
10	Taste		IS 3025 (Part 8)	Agreeable	-
11	Magnesium (as Mg)	mg/l	APHA 24 th Edition-3500-Mg; Method B (By Calculation)	30	

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.

SANITARY CHEMIST
QUALITY CONTROL SUB DISTRICT LAB
NEDUMANGADU, ARUVIKKARA
KWA, TVPM

KALAKK

Analyzed & Authorized By: Name & Sign of Chemist

End of the report

QCSDL/ND/R/17	Issue No: 1	Issue Date: 07.11.2024
Rev. No: 01	Rev. Date: 06.11.2024	Page 1 of 1



KERALA WATER AUTHORITY
QUALITY CONTROL SUB DISTRICT LABORATORY
NEDUMANGADU, ARUVIKKARA, THIRUVANANTHAPURAM
Telephone No: 0472-2998117 E-mail - qcSDLnedumangadu@gmail.com

Test Report

Test Report. No. KWA/QCSDL/ND/2025/974

Date of Report : 31.05.2025

PRINCIPAL, VILLA NAZARETH SCHOOL, PALAIKONAM, ARYANAD P. O			1. Date of Receipt : 26.05.2025		
			2. Sampling done by : The Customer(QUA_234211)		
			3. Sample Code : KWA/QCSDL/ND/2025/974		
			4. Sample Particulars : Drinking Water		
			5. Sample Quantity :1 litre		
			6. Test Performing Dates: 29.05.2025 to 31.05.2025		
Sl No:	Characteristics	Unit	Test Method	Acceptable limits as per IS 10500 - 2012	Result
1	Electrical Conductivity at 25 °C	(micro mhos/cm)	IS 3025 (part 14) - 2013		262.9
2	Ammonia	(mg/litre)	ALPHA 24th Edition-4500-NH: F Phenate Method	0.5	0.09
3	Sulphate (as SO ₄)	(mg/litre)	IS 3025 (Part 24) - 2022 Turbidity Method Using Spectrometer	200	1.45
4	Fluoride (as F)	(mg/litre)	APHA 23rd Edition 4500-FD: 2017 SPADNS Method	1.0	1.00
5	Iron (as Fe)	(mg/litre)	IS 3025 (part 53) - 2003) 1' 10 Phenanthroline Method	1.0	0.12
6	Nitrate (as NO ₃)	(mg/litre)	APHA 23rd Edition 4500-NO ₃ - B: 2017 UV Spectrophotometric Screening Method	45	0.00
7	Residual Chlorine	(mg/litre)	IS 3025 (part 26 - 2019)	0.2	NIL

Remarks:-

NB:-

1. The results stated above related only to the sample(s) received for testing.
2. This test report shall not be reproduced except in full without the written approval of the Laboratory.
3. Retention period: 7 days from the date of analysis

SANITARY CHEMIST
QUALITY CONTROL SUB DISTRICT LAB
NEDUMANGADU, ARUVIKKARA
KWA, TVPM

Analyzed And Authorized By
KALA K K

* End of Report *

KWA/QCSDL/ND/R/41	Issue No:2	Issue Date: 14/06/2022
Rev.No: 04	Rev Date: 24.07.23	Page 1 of 1