

TEST REPORT

Test Report No & Date	CTL/CH/W-01722/2024-25 & 27.03.2025
Sample Number	W-01722/24-25
ULR No	TC1431425000003246F
Name of the Customer	M/s. National Public School Senior Secondary
Address	Veppanattam, Trichy road, Namakkal-637 102
Sample Drawn by	Customer
Sample Name	Drinking water
Sample Description	Drinking water
Sampling Location	NA
Sample Drawn on	NA
Sample Collected by	NA
Sampling Plan & Procedure	NA
Sample Quantity	2 Litres
Sample Condition	Good & Received in Plastic Container
Environmental Conditions	NA
Equipment used for Sampling	NA
Sample Received on	19.03.2025
Analysis Started on	20.03.2025
Analysis Completed on	27.03.2025

Test Results:

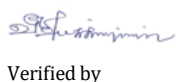
The above sample tested as received, and results are as follows:

DISCIPLINE : CHEMICAL & BIOLOGICAL

GROUP : WATER


Physical Appearance: Clear Liquid

S. NO	PARAMETERS	METHOD	UNITS	RESULTS	Limits As per IS 10500:2012 (Reaffirmed 2023)*	
					Acceptable Limit	Permissible Limit in the Absence of Alternate source
1	Colour	IS 3025 (Part 4)	HU	2	Max.5.0	Max.15.0
2	Odour	IS 3025 (Part 5)	-	Agreeable	Agreeable	Agreeable
3	Turbidity	IS 3025 (Part 10)	NTU	BLQ(LOQ:0.5)	Max.1.0	Max.5.0
4	pH @ 25°C	IS 3025 (Part 11)	-	7.5	6.5 - 8.5	No relaxation
5	Total Dissolved Solids	IS 3025 (Part 16)	mg/l	222	Max.500	Max.2000
6	Total Hardness as CaCO ₃	IS 3025 (Part 21)	mg/l	128	Max.200	Max.600
7	Calcium as Ca	IS 3025 (Part 40)	mg/l	35	Max.75	Max.200
8	Magnesium as Mg	IS 3025 (Part 46)	mg/l	10	Max.30	Max.100
9	p-Alkalinity as CaCO ₃	IS 3025 (Part 23)	mg/l	BLQ (LOQ 2.0)	-	-
10	Total Alkalinity as CaCO ₃	IS 3025 (Part 23)	mg/l	78	Max.200	Max.600
11	Chloride as Cl ⁻	IS 3025 (Part 32)	mg/l	40	Max.250	Max.1000
12	Sulphate as SO ₄	IS 3025 (Part 24/sec -1)	mg/l	24	Max.200	Max.400
13	Iron as Fe	IS 3025 (Part 53)	mg/l	BLQ(LOQ:0.01)	Max.0.3	No relaxation
14	Silica as SiO ₂	IS 3025 (Part 35)	mg/l	22.9	-	-
15	Carbonate Hardness	IS 3025 (Part 21)	mg/l	78	-	-
16	Non Carbonate Hardness	IS 3025 (Part 21)	mg/l	50	-	-

Verified by




For Chennai Testing Laboratory Pvt Ltd


Authorised Signatory
A. RAJ KUMAR
SENIOR MANAGER
(CHEMICAL)

Page 1 of 2

The Report shall not be used to malign, defame and for any malicious purpose.
The Report is meant only for sole use of the addressee

A - Super 19, T.V.K. Industrial Estate, Guindy, Chennai - 600 032, Tamil Nadu - India

Phone : +91-44-2250 1757 | E-mail : chennaitesting@chennaitestinglab.com www.ctllabs.in

TEST REPORT

Test Report No & Date	CTL/CH/W-01722/2024-25 & 27.03.2025
-----------------------	-------------------------------------

S. NO	PARAMETERS	METHOD	UNITS	RESULTS	Limits As per IS 10500:2012 (Reaffirmed 2023)*	
					Requirement (Acceptable Limit)	Permissible Limit in the Absence of Alternate source
Microbiology:						
17	Total Coliform	IS 15185	Per 100ml	Absent	Shall not be detectable in any 100ml of sample	
18	E.coli		Per 100ml	Absent		


BLQ - Below Limit of Quantification; LOQ - Limit of Quantification: Max. - Maximum


*As per Drinking Water Specification IS 10500:2012 (Reaffirmed - 2023)

Remarks: The sample complies to the acceptable limits IS 10500: 2012 Drinking water specification with respect to the parameters tested
Statement of conformity is applied considering Decision rule as per CTL/QSP/16

*****END OF REPORT*****

For Chennai Testing Laboratory Pvt Ltd


Verified by


Authorised Signatory
R. JAYAVARTHANAN
Manager
(MICROBIOLOGY)

Page 2 of 2