



STC Analytical & Environmental Services LLP

ISO 9001:2015 Certified Laboratory

350, GIDC, Makarpura Industrial Estate, Vadodara - 390010, Gujarat, India.

☎ 8320856049 ✉ analyticalnabl@gmail.com 🌐 www.aesnabl.com



TC-17012

TEST REPORT

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S/2398/2026/A

ULR : TC170122600002398F

AES/FMT/040

Test Report No. : S/2398/2026/A/23/05/2026

Date of Issue : 23/05/2026

Reference No. Date : S/2398/2026/A/20/05/2026

Date of Receipt : 20/05/2026

Sample Submitted By : Chinmay International School

Address : Anastu Road, Anastu, Tal-Karjan, Dist-Vadodara, Gujarat-391240 Vadodara Gujarat

Phone : 9724768537

E-Mail : chinmayinternationalschool@gmail.com,

Sample Described As : R O Water

Mark : Sample Pack in Plastic Bottle

Batch No. :

Mfg.Date : NS

Sample Qty. : 2 ltr

Exp.Date : NS

Date of Analysis : 21/05/2026 to 23/05/2026

Description : Clear colourless liquid packed in plastic bottle.

Discipline : Chemical & Microbiological Analysis

Group : Water

Test Result

S.No.	Quality Characteristics	Units	Result	Acceptable limit as per IS 10500:2012	Test method
1	pH		7.0	6.5 - 8.5	IS 3025 : Part 11 : 2022
2	Odour	-	Agreeable	Agreeable	FSSAI Manual of Method of analysis of foods of water, 2016
3	Colour	HZ Unit	<0.1	5	FSSAI Manual of Method of analysis of foods of water, 2016
4	Taste		Agreeable	Agreeable	FSSAI Manual of Method of analysis of foods of water, 2016
5	Turbidity, Max	NTU	<0.1	1.0	FSSAI Manual of Mehtod of analysis of foods of water, 2016
6	Total Dissolved Solid, Max	mg/l	98.0	500	IS 3025 (Part 16) : 2023
7	Conductivity	μS/cm	150.76	-	IS 3025 : Part 14 : 2013
8	Chloride (as Cl), Max	mg/l	8.55	250	IS 3025(P- 32): 1988, Method 2.0 Argentometric Method
9	Sulphate (as SO ₄), Max	mg/l	4.30	200	IS 3025 (Part 24/Sec 1) : 2022, 5.0 Turbidity Method
10	Total Alkalinity (as CaCO ₃), Max	mg/l	23.76	200	IS 3025 (Part 23) : 2023
11	Nitrate (as NO ₃), Max	mg/l	<1.0	45	IS 3025 (Part 34/Sec 1) : 2023, Cadmium reduction method, and its advanced.

Note:

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S/2398/2026/A

ULR : TC170122600002398F

Test Result

S.No.	Quality Characteristics	Units	Result	Acceptable limit as per IS 10500:2012	Test method
12	Nitrite (as NO ₂), Max	mg/l	<0.1	-	IS 3025 (Part 34/Sec 1) : 2023, 7.0 nitrite nitrogen
13	Calcium (as Ca), Max	mg/l	2.40	75	IS 3025 (Part 40) : 2024, 5.0 EDTA TITRIMETRIC METHOD
14	Sodium	mg/l	5.92	-	IS 3025 (Part 45) : 2024, 5.0 Flame Photo meter
15	Potassium	mg/l	<0.1	-	IS 3025 (Part 45) : 2024, 5.0 Flame Photo meter
16	Total Hardness (as CaCO ₃), Max	mg/l	20.8	200.0	IS 3025 (Part 21) : 2009 RA 2023
17	<i>Escherichia coli</i> (Detection)	per 100 ml	Absent	Absent	IS 15185 -2016 RA 2021
18	<i>Coliform</i> (Detection)	per 100 ml	Absent	Absent	IS 15185 -2016 RA 2021

Opinion : The sample complies with the IS Standards: 10500:2012 for drinking water , in respect of the test performed.



Avni Desai
Authorized Signatory
Technical Manager (Microbiology)

End of Report

For STC Analytical & Environmental Services LLP
Authorized Signatory

Jigisha C. Patel
Authorized Signatory
Quality Manager

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