



SHREEJI MATERIAL TESTING LABORATORY
LAB FOR CIVIL ENGINEERING MATERIAL & SOIL TESTING
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TEST REPORT

SMTL/WTR/ S-0433 / Date: 15-05-2025	
Name of work	Testing of Water Sample.
Details of sample	Drinking Water
Report Submitted to	Genius International School, Botad
Reference No.	Date: 13/05/2025
Sample received Date	13-05-2025
Condition of sample during receipt	Scaled
Identification Mark	Local
Name of Agency	Genius International School, Botad
Lab No.	WTR/23
Job No.	S-0433
Starting Date of Test	13-05-2025
Completion Date of Test	15-05-2025

Sr.No.	Parameters	Test Method As Per IS	Ionic Composition in P.P.M (mg/l)	Requirement (Acceptable Limit) IS 10500 : 2012 RA 2018
1	Colour Hazen Unit.	IS : 3025 P-4 - 2021	Agreeable	Max. 5
2	Taste.	IS : 3025 P-7 - 2017 & IS : 3025 P-8 - 1984 RA 2017	Agreeable	--
3	Turbidity. N.T.U	IS : 3025 P-10 - 2023	0.2 N.T.U	Max 1 N.T.U
4	pH of Water	IS : 3025 P-11 - 2022	7.52	6.5 - 8.5
5	Carbonate, (CO ₃ ⁻²)	IS : 3025 P-23 - 2023	0.00 mg/l	--
6	Bicarbonate (HCO ₃ ⁻)	IS : 3025 P-23 - 2023	32.66 mg/l	--
7	Calcium as (Ca ⁺⁺)	IS : 3025 P-40 - 1991 RA 2019	8.02 mg/l	Max 75 mg/l
8	Magnesium as (Mg ⁺⁺)	IS : 3025 P-46 - 2023	7.31 mg/l	Max 30 mg/l
9	Chloride as (Cl ⁻)	IS : 3025 P-32 - 1988 RA 2019	49.13 mg/l	Max 250 mg/l
10	Sulphate as (SO ₄ ⁻²)	IS : 3025 P-24 (sec 1) - 2022	17 mg/l	Max 200 mg/l
11	Sp. Gr.	--	1.00	1.0
12	T.D.S	IS : 3025 P-16 - 2023	80.0 mg/l	Max 500 mg/l
13	Total Hardness as (CaCO ₃)	IS : 3025 P-21 - 2009 RA 2019	47.6 mg/l	Max 200 mg/l
14	Total Alkalinity as calcium carbonate	IS : 3025 P-23 - 2023	32.66 mg/l	Max 200 mg/l
15	Conductivity ms/cm 25°C	IS : 3025 Part 14 - 2013 (RA 2019)	0.2 ms/cm	Max 0.05-1.0 ms/cm

Note : 1) Test results relate to samples collected by Customer. 2) Results/ reports are issued with specific understanding that SMTL with not in any case be involved in action following the interpretation of test results. 3) The reports/results are not supposed to be used for publicity. 4) Test report shall not be reproduced except in full without written approval of Quality Manager/ Technical Manager.

ATTESTED

F/WTR/05/TR, Issue No.01
W.e.f. 01.11.2012



For SMTL
Authorized Signatory
Sachindrasinh Yadav
Quality Manager

Principal
Genius International School
Botad