



STRUCTWEL/GO/Level/IV/CHE/TR/Construction Water/101	
Rev. No. - 01	
Discipline: Chemical	Group: Water

TEST REPORT NO. & DATE | R&D/LAB/GOR/2023-24/GOR0153421/4154

1. Name & Address of Customer | M/s. SANSKRUTI WORLD SCHOOL
At. Lalonde, Post. Nihe, Tal./Dist. Palghar
Pin No. 401404
2. Project / Site | Self
3. Customer's Reference | Ltr. dtd. 02/06/2023
4. Location of performance of test | Laboratory
5. Sample
i) Description | Construction Water
ii) Quantity | 01 No.
iii) Date of Receipt | 02/06/2023
iv) Condition | Acceptable
6. Test method followed, if any | Mentioned Below
7. Date of Testing | 02/06/2023



CHEMICAL TEST REPORT OF CONSTRUCTION WATER

* ID Mark. : Borewell Water

	Result	Test Method Followed	Permissible Limits	
			I. S. 456-2000	
			Mixing and Curing Clause 5:4 Table 1	Ground Clause 8:2:2:4 & Table 4
pH	7.26	IS 3025:1983 Part 11 (RA 2017)	Not less than 6	From 6 to 9
Chlorides (mg/ltr)	39	IS 3025:1988 Part 32 (RA 2019) (Argentometric Method)	2000 Max. (Plain Concrete) 500 (Reinforced Concrete)	--
Sulphates as SO ₃ (mg/ltr.)	47	IS 3025:1986 Part 24 (RA 2019) (Gravimetric Method)	400 Max.	Refer Table 4
Volatile (Organic) Residue (mg/ltr.)	75	IS 3025:1984 Part 18 (RA 2017)	200 Max.	--
Fixed (Inorganic) Residue (mg/ltr.)	279	IS 3025:1984 Part 18 (RA 2017)	3000 Max.	--
Total Suspended Matter (mg/ltr.)	3	IS 3025:1984 Part 17 (RA 2017)	2000 Max.	--
Total Alkalinity (To neutralize 100 ml water sample, 0.02 N, H ₂ SO ₄ required) mL	11.8	IS 456:2000 (RA 2016), (Indicator Method)	25 Max.	--
Total Hardness as CaCO ₃ mg/L	126	IS 3025:2009 Part 21 (RA 2019) (EDTA method)	--	--
Acidity (To neutralize 100 ml water sample, 0.02 N, NaOH required) mL	0.6	IS 456:2000 (RA 2016), (Indicator Method)	5 Max.	--

NOTE :

- This test report refers only to the sample submitted for testing.
- This test report is valid at the time of and under the conditions specified herein.
- This test report may not be reproduced in part, without the permission of this laboratory.
- Any correction invalidates this test report.
- BDL - Below Detection Limit
- * Data provided by Customer.

VE/D./Report/2021-22/Che/Water/GOR0153421

***** End of Report *****

Authorized Signatory
Vikram Patil

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