



# CIVIL TECH LABORATORY

9 Kh. No. 48, Vill.- Belda, Near RTO Office, Roorkee, Distt.- Haridwar, U.K.- 247667  
 +91-9911860667, 8076576367 [civiltechlabuk@gmail.com](mailto:civiltechlabuk@gmail.com)  
[www.civiltechlaboratory.com](http://www.civiltechlaboratory.com)

## TEST REPORT

(This Report is not valid without a Hologram)

Format No.: CTL/F/7.8/01

Letter Ref. No.: CTR, Dated. 23/11/2024

Sample Description: Drinking Water

Issued To,

The Executive Engineer

Construction Division

PWD, Nainital (Uttarakhand)

Location of Performance of Test: At Site

Date of Performance of Test: 23/11/2024 to 27/11/2024

Addition to Deviation or Exclusion from the Method: NA

Name of Work: Construction of 120 mtr span double lane RCC prestress concrete bridge over Sher Nalain Km 82 of Ramnagar Kaladhungi Haldwani Kathgodam Chorgallia Sitarganj Bijti Motor Road in District Nainital.

Agreement No.: 08/U-PREAPARE/13/BR/RFB/UGRIDP/2023Dt.03.07.2024

Name of Agency. M/s Laxmidatt Binval, Near PWD office Lohaghat, Dist- Champavat, Uttarakhand.

Report Number: CTL/MECH/241123004

Date of Report: 27/11/2024

Job Order No.: 240730004

Sample Received On: 23/11/2024

Sample Quantity: 2 Ltr.

Sample Condition: Satisfactory

Environment Condition (Temp. & RH) : 25±5°C & NA



S. No.	Test Parameter	Test Method	Test Result	Requirement as Per IS: 10500:2012	
				Acceptable Limits	Permissible Limits
1	Colour, Hazen units	IS 3025 (Part 4):2021	<5	5 Max.	15 Max.
2	Odour	IS 3025 (Part 5):2018	Agreeable	Agreeable	Agreeable
3	Taste	IS 3025 (Part 7):2017& IS 3025 (Part 8):1984	Agreeable	Agreeable	Agreeable
4	Turbidity, NTU	IS 3025 (Part 10):1984	<1	1 Max.	1 Max.
5	pH	IS 3025 (Part 11):2022	7.28	6.5 -8.5	No relaxation
6	Total Dissolved Solids (TDS),mg/l	IS 3025 (Part 16):2023	282.0	500 Max	2000 Max
7	Total Hardness (as CaCO <sub>3</sub> ), mg/l	IS 3025 (Part 21):2009	97.9	200 Max	600 Max
8	Magnesium (as Mg), mg/l	IS 3025 (Part 46):1994	12.4	30 Max	100 Max
9	Chloride (as Cl), mg/l	IS 3025 (Part 32):1988	26.0	250 Max	1000 Max
10	Sulphate (as SO <sub>4</sub> ), mg/l	IS 3025 (Part 24/Sec 1):2022	20.8	200 Max	400 Max
11	Calcium (as Ca), mg/l	IS 3025 (Part 40):1991	18.8	75 Max	200 Max
12	Iron (Fe), mg/l	IS 3025 (Part 53): 2003	0.05	0.3 Max.	No relaxation
13	Free & Total Chlorine	IS: 3025 (P-26) - 2021	Not Detected	0.2 Max.	1.0 Max.

Reviewed By  
 Bhartendu Choudhary  
 Lab In Charge

Auth. Sign.  
 Sujit Kumar Sada  
 Quality Manager  
  


\*\*\* End of Report

(1) The results listed refer only to tested samples and applicable parameters. Endorsement of product is neither inferred nor implied. (2) Total Liability of our Lab is limited to the invoiced amount. (3) Samples will be destroyed after 30 days from the date of testing unless otherwise specified. (4) This report is not be reproduced wholly or in part and can not be used as an evidence in the Court of Law and should not be used in any advertising media without our special permission in writing. (5) Report refer to the sample submitted to us and not drawn by Civil Tech Laboratory unless Mentioned otherwise.

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