



DEVBHOOMI TESTING LABORATORY DEHRADUN

NABL Accredited, Govt. Approved, MSME Registered, & ISO : 9001:2015 & 14001: 2015 Certified Laboratory

Neelkanth Enclave, Harbhajwala, Telpur Chowk, Shimla By Pass Road, Dehradun 248171

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TEST REPORT

Description of Sample: Surface Water	Report No.: DTL/DDN/2024/2910/02
Sample Id: 29102024/02	Date of Report: 06/11/2024
Sample Quantity: As per requirement	Date of Sampling: 29/10/2024
Sample Condition: Receipt as OK	Start Date of Testing: 30/10/2024
Sample Plan & Sampling Method: NA	Date of Completion: 06/11/2024
Environment Condition (Temp. & Humidity): NA	Page 1 of 1
Addition to, Deviation or Exclusion from the Method: NA	
N.O.W : "Construction of 4 No. of Intermediate lane RCC Bridge & Steel Truss in km 3, 7, 11 & 14 at Nandprayag Ghat Motor Road in Karnprayag Chamoli"	
Issued to: M/S D.S Construction I-7 Nehru colony Dehradun 248001	

Sample: 01 Km-07

S. No.	Characteristics	Test Value	Max. Permissible Limit as per IS: 456-2000 (Clause 5.4)	Method of test ref to:
1.	Requirement of 0.02 N-Noah to neutralize 100ml. of water sample using Phenolphthalein indicator	0.6	5.0 ml.	IS-3025 (P-22) 1986 RA:2019
2.	Requirement of 0.02 N-H ₂ SO ₄ to neutralize 100ml of water sample using mixed indicator	5.0	25.0 ml.	IS-3025 (P-23) 1986 RA:2019
3.	Organics, mg/l.	81	200	IS: 3025 (P-18) 2022
4.	Inorganic, mg/l.	101	3000	IS: 3025 (P-18) 2022
5.	Sulphate as SO ₃ , mg/l.	18.4	400	IS: 3025(P-24)1986 RA:2019
6.	Chloride as Cl, mg/l	23	500 mg /1 for RCC & 200mg/1 for concrete without embedded steel.	IS: 3025 (P-32) 1988 RA:2019
7.	pH	7.86	Not less than 6.0	IS: 3025 (P-11) 2022
8.	Suspended matter, mg/l	165	2000	IS: 3025 (P-17) 2022

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



Checked & Issued by
Authorised Signatory

- The result Listed refer only to the tested sample & applicable parameters endorsement of products is neither inferred nor implied.
- Total liability of our lab is limited to the invoiced amount.
- Sample not drawn by lab and sample will be destroyed after 30 days from the date of issue of test report.
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TEST REPORT

Description of Sample: Surface Water	Report No.: DTL/DDN/2024/2910/03
Sample Id: 29102024/03	Date of Report: 06/11/2024
Sample Quantity: 1 Ltr.	Date of Sampling: 29/10/2024
Sample Condition: Receipt as OK	Start Date of Testing: 30/10/2024
Sample Plan & Sampling Method: NA	Date of Completion: 06/11/2024
Environment Condition (Temp. & Humidity): NA	Page 1 of 1
Addition to, Deviation or Exclusion from the Method: NA	
N.O.W : "Construction of 4 No. of Intermediate lane RCC Bridge & Steel Truss in km 3, 7, 11 & 14 at Nandprayag Ghat Motor Road in Karnprayag Chamoli"	
Issued to: M/S D.S Construction I-7 Nehru colony Dehradun 248001	

Sample: 02 Km-07

S. No.	Characteristics	Test Value	Max. Permissible Limit as per IS: 456-2000 (Clause 5.4)	Method of test ref to:
1.	Requirement of 0.02 N-Noah to neutralize 100ml. of water sample using Phenolphthalein indicator	0.8	5.0 ml.	IS-3025 (P-22) 1986 RA:2019
2.	Requirement of 0.02 N-H ₂ SO ₄ to neutralize 100ml of water sample using mixed indicator	6.0	25.0 ml.	IS-3025 (P-23) 1986 RA:2019
3.	Organics, mg/l.	72	200	IS: 3025 (P-18) 2022
4.	Inorganic, mg/l.	105	3000	IS: 3025 (P-18) 2022
5.	Sulphate as SO ₃ , mg/l.	19.7	400	IS: 3025(P-24)1986 RA:2019
6.	Chloride as Cl, mg/l	22	500 mg /1 for RCC & 200mg/1 for concrete without embedded steel.	IS: 3025 (P-32) 1988 RA:2019
7.	pH	7.78	Not less than 6.0	IS: 3025 (P-11) 2022
8.	Suspended matter, mg/l	155	2000	IS: 3025 (P-17) 2022

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



Devbhoomi Technical Laboratory
Technical Manager
Dehradun
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