



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/2024/0411/16
Sample Id: 04112024/16	Date of Report: 10/11/2024
Sample Quantity: As per requirement	Date of Sampling: 04/11/2024
Sample Condition: Receipt as OK	Start Date of Testing: 07/11/2024
Sample Plan & Sampling Method: NA	Date of Completion: 10/11/2024
Environment Condition (Temp. & Humidity): NA	Page 1 of 1
Addition to, Deviation or Exclusion from the Method: NA	
N.O.W : "Construction of 48M Span Intermediate Lane Motor Bridge & its approach in Km-2 of Gairsain to village Devalkot Motor Road in District Chamoli."	
Issued to: Mr. Umashankar Singh Rawat, Tharali Chamoli, Uttarakhand	

Sample: 01

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	0.2	5.0 ml.	IS-3025 (P-22) 1986RA:2019
2.	Requirement of 0.02 N-H ₂ SO ₄ to neutralize 100ml of water sample using mixed indicator	5.7	25.0 ml.	IS-3025 (P-23) 1986RA:2019
3.	Organics, mg/l.	80	200	IS: 3025 (P-18) 2022
4.	Inorganic, mg/l.	107	3000	IS: 3025 (P-18) 2022
5.	Sulphate as SO ₃ , mg/l.	22	400	IS: 3025(P-24)1986 RA:2019
6.	Chloride as Cl, mg/l	28	500 mg /l for RCC & 200mg/l for concrete without embedded steel.	IS: 3025 (P-32) 1988RA:2019
7.	pH	7.76	Not less than 6.0	IS: 3025 (P-11) 2022
8.	Suspended matter, mg/l	1.60	2000	IS: 3025 (P-17) 2022

*****End of Report***

Checked & Issued by
Authorised Signatory

1. The result Listed refer only to the tested sample & applicable parameters endorsement of products is neither inferred nor implied.
2. Total liability of our lab is limited to the invoiced amount.
3. 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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Sample: 02

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	0.5	5.0 ml.	IS-3025 (P-22) 1986RA:2019
2.	Requirement of 0.02 N-H ₂ SO ₄ to neutralize 100ml of water sample using mixed indicator	5.4	25.0 ml.	IS-3025 (P-23) 1986RA:2019
3.	Organics, mg/l.	80	200	IS: 3025 (P-18) 2022
4.	Inorganic, mg/l.	105	3000	IS: 3025 (P-18) 2022
5.	Sulphate as SO ₃ , mg/l.	24	400	IS: 3025(P-24)1986 RA:2019
6.	Chloride as Cl, mg/l	29	500 mg /l for RCC & 200mg/l for concrete without embedded steel.	IS: 3025 (P-32) 1988RA:2019
7.	pH	7.81	Not less than 6.0	IS: 3025 (P-11) 2022
8.	Suspended matter, mg/l	1.57	2000	IS: 3025 (P-17) 2022

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

[Signature]
Technical Manager

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