



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/2025/0804/09
Sample Id: 08042025/09	Date of Report: 16/04/2025
Sample Quantity: As per requirement	Date of Sampling: 08/04/2025
Sample Condition: Receipt as OK	Start Date of Testing: 11/04/2025
Sample Plan & Sampling Method: NA	Date of Completion: 16/04/2025
Environment Condition (Temp. & Humidity): NA	Page 1 of 1
Addition to, Deviation or Exclusion from the Method: NA	
N.O.W: Construction of 18m Span RCC Motor bridge in km 4, at Nandprayag Ghat Motorway under U-PREPARE Project.	
Issued to: M/S ARKS UNIVERSAL PRIVATE LIMITED	

Sample: 01 (Km-4)

S.No.	Characteristics	Test Value	Max. Permissible Limit as per IS:456-2000(Clause 5.4)	Method of test ref to:
1.	Requirement of 0.02N-Noa to neutralize 100ml. of water sample using Phenolphthalein indicator	0.56	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	6.3	25.0 ml.	IS-3025 (P-23) 1986RA:2019
3.	Organics, mg/l.	89	200	IS:3025 (P-18)2022
4.	Inorganic, mg/l.	121	3000	IS:3025 (P-18)2022
5.	Sulphate as SO ₃ , mg/l.	29	400	IS: 3025(P-24)1986RA:2019
6.	Chloride as Cl, mg/l	26	500mg/1 for RCC & 200mg/1 for concrete without embedded steel.	IS: 3025 (P-32) 1988RA:2019
7.	pH	8.2	Not less than 6.0	IS:3025 (P-11)2022
8.	Suspended matter, mg/l	182	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/2025/0804/10
Sample Id: 08042025/10	Date of Report: 16/04/2025
Sample Quantity: 1 Ltr.	Date of Sampling: 08/04/2025
Sample Condition: Receipt as OK	Start Date of Testing: 11/04/2025
Sample Plan & Sampling Method: NA	Date of Completion: 16/04/2025
Environment Condition (Temp. & Humidity): NA	Page 1 of 1
Addition to, Deviation or Exclusion from the Method: NA	
N.O.W: Construction of 18m Span RCC Motor bridge in km 4, at Nandprayag Ghat Motorway under U-PREPARE Project.	
Issued to: M/S ARKS UNIVERSAL PRIVATE LIMITED	

Sample: 02 (Km-4)

S. No.	Characteristics	Test Value	Max. Permissible Limit as per IS:456-2000(Clause 5.4)	Method of test ref to:
1.	Requirement of 0.02N-Noa to neutralize 100ml of water sample using Phenolphthalein indicator	0.53	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	6.29	25.0 ml.	IS-3025 (P-23) 1986RA:2019
3.	Organics, mg/l.	86	200	IS:3025 (P-18) 2022
4.	Inorganic, mg/l.	120	3000	IS:3025 (P-18) 2022
5.	Sulphate as SO ₄ , mg/l.	26	400	IS: 3025(P-24) 1986RA:2019
6.	Chloride as Cl, mg/l	29	500 mg/l for RCC & 200 mg/l for concrete without embedded steel.	IS: 3025 (P-32) 1988RA:2019
7.	pH	8.68	Not less than 6.0	IS:3025 (P-11) 2022
8.	Suspended matter, mg/l	189	2000	IS:3025 (P-17) 2022

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



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