



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/2025/1209/20
Sample Id: 12092025/20	Date of Report: 20/09/2025
Sample Quantity: As per requirement	Date of Sampling: 12/09/2025
Sample Condition: Receipt as OK	Start Date of Testing: 14/09/2025
Sample Plan & Sampling Method: NA	Date of Completion: 20/09/2025
Environment Condition (Temp. & Humidity): NA	
Addition to, Deviation or Exclusion from the Method: NA	
N.O.W: Construction of 24 m Span Steel Truss Motor bridge in km-12, at Nandprayag Ghat Motorway under U-PREPARE Project.	
Issued to: M/S ARKS UNIVERSAL PRIVATE LIMITED	

Sample: 01(Km-12)

S. No.	Characteristics	Test Value	Max. Permissible Limit as perIS:456-2000(Clause 5.4)	Method of test ref to:
1.	Requirement of 0.02N-Noahto neutralize 100ml of water sample using Phenolphthalein indicator	1.72	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	8.45	25.0ml.	IS-3025 (P-23) 1986RA:2019
3.	Organics, mg/l.	88	200	IS:3025 (P-18)2022
4.	Inorganic, mg/l.	120	3000	IS:3025 (P-18)2022
5.	Sulphate as SO ₄ , mg/l.	25.36	400	IS: 3025(P-24) 1986RA:2019
6.	Chloride as Cl, mg/l	29	500mg/1 for RCC & 200mg/1 for concrete without embedded steel.	IS: 3025 (P-32) 1988RA:2019
7.	pH	7.9	Not less than 6.0	IS:3025 (P-11)2022
8.	Suspended matter, mg/l	220	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/2025/1209/22
Sample Id: 12092025/21	Date of Report: 20/09/2025
Sample Quantity: 1 Ltr.	Date of Sampling: 12/09/2025
Sample Condition: Receipt as OK	Start Date of Testing: 14/09/2025
Sample Plan & Sampling Method: NA	Date of Completion: 20/09/2025
Environment Condition (Temp. & Humidity): NA	Page 1 of 1
Addition to, Deviation or Exclusion from the Method: NA	
N.O.W Construction of 24 m Span Steel Truss Motor bridge in km-12, at Nandprayag Ghat Motorway under U-PREPARE Project.	
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Sample: 02(Km-12)

S. No.	Characteristics	Test Value	Max. Permissible Limit as perIS:456-2000(Clause 5.4)	Method of test ref to:
1.	Requirement of 0.02N-NaO ₂ to neutralize 100ml of water sample using Phenolphthalein indicator	1.76	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	11.25	25.0ml.	IS-3025 (P-23) 1986RA:2019
3.	Organics, mg/l.	90	200	IS:3025 (P-18)2022
4.	Inorganic, mg/l.	118	3000	IS:3025 (P-18)2022
5.	Sulphate as SO ₄ , mg/l.	25.36	400	IS: 3025(P-24) 1986RA:2019
6.	Chloride as Cl, mg/l	29	500mg/1 for RCC & 200mg/1 for concrete with embedded steel.	IS: 3025 (P-32) 1988RA:2019
7.	pH	7.5	Not less than 6.0	IS:3025 (P-11)2022
8.	Suspended matter, mg/l	220	2000	IS:3025 (P-17)2022

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



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