



# 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/2025/0704/56
Sample Id: 07042025/56	Date of Report: 15/04/2025
Sample Quantity: As per requirement	Date of Sampling: 07/04/2025
Sample Condition: Receipt as OK	Start Date of Testing: 10/04/2025
Sample Plan & Sampling Method: NA	Date of Completion: 15/04/2025
Environment Condition (Temp. & Humidity): NA	Page 1 of 1
Addition to, Deviation or Exclusion from the Method: NA	
N.O.W : Construction of 30m Span Steel Truss Motor bridge in km 8-(HM 8-10), at Nandprayag Ghat Motorway under U-PREPARE Project.	
Issued to: M/S ARKS UNIVERSAL PRIVATE LIMITED	

### Sample: 01 (Km-8)

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-NaOH to neutralize 100ml. of water sample using Phenolphthalein indicator	1.6	5.0 ml.	IS-3025 (P-22) 1986 RA:2019
2.	Requirement of 0.02 N-H <sub>2</sub> SO <sub>4</sub> to neutralize 100ml of water sample using mixed indicator	11.46	25.0 ml.	IS-3025 (P-23) 1986 RA:2019
3.	Organics, mg/l.	92	200	IS:3025 (P-18)2022
4.	Inorganic, mg/l.	142	3000	IS:3025 (P-18)2022
5.	Sulphate as SO <sub>3</sub> , mg/l.	46	400	IS: 3025 (P-24)1986 RA:2019
6.	Chloride as Cl, mg/l	38	500 mg/l for RCC & 200 mg/l for concrete without embedded steel.	IS: 3025 (P-32) 1988 RA:2019
7.	pH	10.63	Not less than 6.0	IS:3025 (P-11)2022
8.	Suspended matter, mg/l	196	2000	IS:3025 (P-17)2022

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

  
Technical Manager  
Dehradun

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.
4. This report is not be reproduced wholly or in part and cannot 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.





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## TEST REPORT

Description of Sample: Surface Water	Report No.: DTL/DDN/2025/0704/57
Sample Id: 07042025/57	Date of Report: 15/04/2025
Sample Quantity: 1 Ltr.	Date of Sampling: 07/04/2025
Sample Condition: Receipt as OK	Start Date of Testing: 10/04/2025
Sample Plan & Sampling Method: NA	Date of Completion: 15/04/2025
Environment Condition (Temp. & Humidity): NA	Page 1 of 1
Addition to, Deviation or Exclusion from the Method: NA	
N.O.W : Construction of 30m Span Steel Truss Motor bridge in km 8-(HM 8-10), at Nandprayag Ghat Motorway under U-PREPARE Project.	
Issued to: M/S ARKS UNIVERSAL PRIVATE LIMITED	

Sample: 02 (Km-8)

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-NaOH to neutralize 100ml of water sample using Phenolphthalein indicator	1.52	5.0 ml.	IS-3025 (P-22) 1986RA:2019
2.	Requirement of 0.02 N- $H_2SO_4$ to neutralize 100ml of water sample using mixed indicator	11.14	25.0ml.	IS-3025 (P-23) 1986RA:2019
3.	Organics, mg/l.	98	200	IS:3025 (P-18)2022
4.	Inorganic, mg/l.	146	3000	IS:3025 (P-18)2022
5.	Sulphate as $SO_3$ , mg/l.	48	400	IS: 3025(P-24)1986RA:2019
6.	Chloride as Cl, mg/l	36	500mg/l for RCC & 200mg/l for concrete without embedded steel.	IS: 3025 (P-32) 1988RA:2019
7.	pH	10.65	Not less than 6.0	IS:3025 (P-11)2022
8.	Suspended matter, mg/l	194	2000	IS:3025 (P-17)2022

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

  
Technical Manager  
Devbhoomi Testing Laboratory  
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