



# 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

<b>Description of Sample:</b> Surface Water	<b>Report No.:</b> DTL/DDN/2025/0704/56
<b>Sample Id:</b> 07042025/56	<b>Date of Report:</b> 15/04/2025
<b>Sample Quantity:</b> As per requirement	<b>Date of Sampling:</b> 07/04/2025
<b>Sample Condition:</b> Receipt as OK	<b>Start Date of Testing:</b> 10/04/2025
<b>Sample Plan &amp; Sampling Method:</b> NA	<b>Date of Completion:</b> 15/04/2025
<b>Environment Condition (Temp. &amp; Humidity):</b> NA	Page 1 of 1
<b>Addition to, Deviation or Exclusion from the Method:</b> NA	
<b>N.O.W :</b> Construction of 30m Span Steel Truss Motor bridge in km 8-(HM 8-10), at Nandprayag Ghat Motorway under U-PREPARE Project.	
<b>Issued to:</b> 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-NaO <sub>2</sub> to neutralize 100ml of water sample using Phenolphthalein indicator	1.6	5.0 ml.	IS-3025 (P-22) 1986RA: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	25.0ml.	IS-3025 (P-23) 1986RA: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>4</sub> , mg/l.	46	400	IS: 3025(P-24)1986RA:2019
6.	Chloride as Cl, mg/l	38	500mg/1 for RCC & 200mg/1 for concrete without embedded steel.	IS: 3025 (P-32) 1988RA: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\*\*\*\*\*



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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

<b>Description of Sample:</b> Surface Water	<b>Report No.:</b> DTL/DDN/2025/0704/57
<b>Sample Id:</b> 07042025/57	<b>Date of Report:</b> 15/04/2025
<b>Sample Quantity:</b> 1 Ltr.	<b>Date of Sampling:</b> 07/04/2025
<b>Sample Condition:</b> Receipt as OK	<b>Start Date of Testing:</b> 10/04/2025
<b>Sample Plan &amp; Sampling Method:</b> NA	<b>Date of Completion:</b> 15/04/2025
<b>Environment Condition (Temp. &amp; Humidity):</b> NA	Page 1 of 1
<b>Addition to, Deviation or Exclusion from the Method:</b> NA	
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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 <sub>2</sub> SO <sub>4</sub> to neutralize 100ml of water sample using mixed indicator	11.14	25.0 ml.	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 <sub>4</sub> , mg/l.	48	400	IS: 3025(P-24)1986RA:2019
6.	Chloride as Cl, mg/l	36	500 mg/l for RCC & 200 mg/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\*\*\*\*\*



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