



# ME TESTING AND CALIBRATION LABORATORY PVT. LTD.

Doc. No.: METCLPL/FF/48

Head Office: 103, 1st Floor, Plot No. C-1/2 Naniwala Bagh,  
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Mobile: +91 7535000491, +91 9034341490 | Email: metclplddn@gmail.com

Lab.: Harbanswala, Telpur Chowk, Shimla Bypass Road,  
Dehradun, Uttarakhand, India - 248171  
Mobile: +91 7535000491, +91 7535000492 | Email: metclddn@gmail.com

## TEST REPORT

<b>Issued to:</b> M/s Triveni Construction Company, Kailash Gate, Muni Ki Reti, Tehri Garhwal, Uttarakhand - 249137.	<b>Report No.:</b> METCLPL/DDN/27102025/03 <b>Sample Id:</b> 271025/03 <b>Date of Receipt:</b> 27/10/2025 <b>Date of performance of Testing:</b> 27/10-01/11/2025 <b>Date of Issue of Report:</b> 03/11/2025
<b>Sample Description:</b> Drinking Water <b>Sample Quantity:</b> 1 Ltr. <b>Sample Condition:</b> Receipt as OK <b>Sample Plan &amp; Sampling Method:</b> N/A. <b>Environment Condition (Temp. &amp; Humidity):</b> 25.0 <sup>0</sup> ±5 <sup>0</sup> C & NA <b>Addition to, Deviation or Exclusion from the Method:</b> NA	<b>Source:</b> Tap Water – Near A1 Side <b>Sampling Period:</b> 26/10/2025 (10:10 AM) <b>Test Performed at:</b> Lab <b>Page No.:</b> 1 of 2
<b>Letter Date:</b> 25/10/2025 <b>N.O.W.:</b> Construction of 84 M Span Single Lane Steel Truss Pedestrian Bridge over Alaknanda River in District Pauri, Uttarakhand. <b>C.A. No.:</b> 08/U-PREPARE/16A/BR/RFB/UGRIDP/2023 Dated: 01.07.2024	

### Requirement as per IS: 10500-2012, IS – 2296 & IS-456

S. No.	Characteristics	Test -Value	Acceptable Limit, Max.	Permissible Limit in absence of Alternate Source	Method of Test
1	pH Value	7.34	6.5 – 8.5	No Relaxation	IS-3025(P-11)-2006
2	Total Hardness, (as CaCO <sub>3</sub> ), mg/l Max.	172.0	200	600	IS-3025(P-21)-2009
3	Iron (as Fe), mg/l	BDL (DL-0.02)	0.3	No Relaxation	IS-3025(P-53)-2012
4	Chloride (as Cl), mg/l	25.1	250	1000	IS-3025(P-32)-1993
5	Total Dissolved Solids.mg/l	421	500	2000	IS-3025(P-16)-1984
6	Sulphate (as SO <sub>3</sub> ) mg/l,	13.2	200	400	IS 3025 (Part 24/Sec-1)-2022
7	Total Alkalinity,(CaCO <sub>3</sub> ), mg/l	27.7	200	600Max	IS: 3025(P-23)-1986
8	Lead as Pb, mg/l	BDL (DL-0.004)	0.01	No Relaxation	IS 3025 (P-47)-1994
9	Manganese (as Mn), mg/l	BDL (DL-0.10)	0.1	0.3	IS: 3025(P-59)-2023
10	Fluoride (as f), mg/l	BDL (DL-0.4)	1.0	1.5	IS: 3025(P-60)-2008
11	Nitrate (as NO <sub>3</sub> ) mg/l	0.14	45	No Relaxation	IS: 3025(P-34)1988
12	Phosphate (as P) mg/l	BDL (DL-0.04)	--	--	APHA 23 <sup>rd</sup> ED: 2017 4500 PD
13	Dissolve Oxygen	BDL (DL-1.0)	--	--	IS 3025 (P-38)-1989
14	Hexavalent Chromium (Cr+6) mg/l	BDL(DL-0.001)	0.05	No Relaxation	IS: 3025(P-52)-2003
15	Mercury ( as Hg) (mg/l)	BDL(DL-0.01)	0.001	No Relaxation	IS: 3025(P-48)/Mercury analyser

*Ramda*  
Reviewed By

Mr. Rahul Rohilla (Q.M./T.M)

Authorized Signatory

- The result listed refer only to the tested samples and applicable parameters endorsement of product is neither inferred nor implied.
- Total liability of our Lab. is limited to the invoiced amount.
- Samples will be destroyed after 30 Days from the date of issue of test report.
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S. No.	Characteristics	Test -Value	Acceptable Limit	Permissible Limit in absence of Alternate Source	Method of Test
16	Copper( as Cu), mg/l	BDL(DL-0.02)	0.05	1.5	IS: 3025(P-42) -2003
17	Zinc (as Zn)	BDL(DL-0.06)	5	15	IS: 3025(P-49) -1994
18	Arsenic (as AS)	BDL(DL-0.01)	0.01	0.05	IS: 3025(P-37) -1988
19	Cadmium( as CD)	BDL(DL-0.001)	0.003	No Relaxation	IS: 3025(P-41) -1992

**Note: 1. Decision Rule (In case of Borderline): N.A.**

(Decision Rule applicable if sample results are at the borderline of normative reference limits, decision rule will be applied by considering the measurement uncertainty using test results data.)

**2. NA stands for Not Applicable, BDL stands for Below Detected limit & DL stands for Detection Limit.**

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

*Ramola*  
Reviewed By



Mr. Rahul Rohilla (Q.M./T.M)

Authorized Signatory

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## TEST REPORT

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<b>Sample Description:</b> Drinking Water <b>Sample Quantity:</b> 1 Ltr. <b>Sample Condition:</b> Receipt as OK <b>Sample Plan &amp; Sampling Method:</b> N/A. <b>Environment Condition (Temp. &amp; Humidity):</b> 25.0 <sup>0</sup> ±5 <sup>0</sup> C & NA <b>Addition to, Deviation or Exclusion from the Method:</b> NA	<b>Source:</b> Tap Water – Near A2 Side <b>Sampling Period:</b> 26/10/2025 (11:20 AM) <b>Test Performed at:</b> Lab <b>Page No.:</b> 1 of 2
<b>Letter Date:</b> 25/10/2025 <b>N.O.W.:</b> Construction of 84 M Span Single Lane Steel Truss Pedestrian Bridge over Alaknanda River in District Pauri, Uttarakhand. <b>C.A. No.:</b> 08/U-PREPARE/16A/BR/RFB/UGRIDP/2023 Dated: 01.07.2024	

### Requirement as per IS: 10500-2012, IS – 2296 & IS-456

S. No.	Characteristics	Test -Value	Acceptable Limit, Max.	Permissible Limit in absence of Alternate Source	Method of Test
1	pH Value	7.24	6.5 – 8.5	No Relaxation	IS-3025(P-11)-2006
2	Total Hardness, (as CaCO <sub>3</sub> ), mg/l Max.	181.0	200	600	IS-3025(P-21)-2009
3	Iron (as Fe), mg/l	BDL (DL-0.02)	0.3	No Relaxation	IS-3025(P-53)-2012
4	Chloride (as Cl), mg/l	27.6	250	1000	IS-3025(P-32)-1993
5	Total Dissolved Solids.mg/l	435	500	2000	IS-3025(P-16)-1984
6	Sulphate (as SO <sub>3</sub> ) mg/l,	14.0	200	400	IS 3025 (Part 24/Sec-1)-2022
7	Total Alkalinity,(CaCO <sub>3</sub> ), mg/l	28.2	200	600Max	IS: 3025(P-23)-1986
8	Lead as Pb, mg/l	BDL (DL-0.004)	0.01	No Relaxation	IS 3025 (P-47)-1994
9	Manganese (as Mn), mg/l	BDL (DL-0.10)	0.1	0.3	IS: 3025(P-59)-2023
10	Fluoride (as f), mg/l	BDL (DL-0.4)	1.0	1.5	IS: 3025(P-60)-2008
11	Nitrate (as NO <sub>3</sub> ) mg/l	0.15	45	No Relaxation	IS: 3025(P-34)1988
12	Phosphate (as P) mg/l	BDL (DL-0.04)	--	--	APHA 23 <sup>rd</sup> ED: 2017 4500 PD
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14	Hexavalent Chromium (Cr+6) mg/l	BDL(DL-0.001)	0.05	No Relaxation	IS: 3025(P-52)-2003
15	Mercury ( as Hg) (mg/l)	BDL(DL-0.01)	0.001	No Relaxation	IS: 3025(P-48)/Mercury

*Rohilla*  
Reviewed By

analysed  
Rahul Rohilla  
Q.M./T.M  
Mr. Rahul Rohilla (Q.M./T.M)  
Authorized Signatory

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16	Copper( as Cu), mg/l	BDL(DL-0.02)	0.05	1.5	IS: 3025(P-42) -2003
17	Zinc (as Zn)	BDL(DL-0.06)	5	15	IS: 3025(P-49) -1994
18	Arsenic (as AS)	BDL(DL-0.01)	0.01	0.05	IS: 3025(P-37) -1988
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\*\*\*\*\*End of Report\*\*\*\*\*

  
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