



# ME TESTING & CALIBRATION LABORATORY PVT. LTD.

Doc. No.: METCL/FF/48

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 Tons Builders, Near Telephone Exchange, Purola, Uttarkashi.	<b>Report No.:</b> METCLPL/DDN/11112024/09 <b>Sample Id:</b> 111124/09 <b>Date of Receipt:</b> 11/11/2024 <b>Date of performance of Testing:</b> 11 - 14/11/2024 <b>Date of Issue of Report:</b> 14/11/2024
<b>Sample Description:</b> Drinking Water <b>Sample Quantity:</b> 2 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>Sampling Period:</b> 10/11/2024 ( 2:36 PM) <b>Test Performed at:</b> Lab <b>Page No.:</b> 1 of 2
<b>N.O.W:</b> Construction of 84 M Span Steel Girder Motor Bridge over Kotigaad in Km 01 of Tikochi-Duchanu-Kiranu-Sirtoli Motor Road in District Uttarkashi under EPC mode. <b>C.A. No.:</b> 13/U-PREPARE/34/BR/RFB-EPC/UGRIDP/2023 Dated: 18.09.2024	

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

S. No.	Characteristics	Test -Value	Acceptable Limit	Permissible Limit in absence of Alternate Source	Method of Test
1	pH Value	7.35	6.5 – 8.5	No Relaxation	IS-3025(P-11)-2006
2	Total Hardness, (as CaCO <sub>3</sub> ), mg/l Max.	172.17	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	24.2	250	1000	IS-3025(P-32)-1993
5	Total Dissolved Solids.mg/l	215	500	2000	IS-3025(P-16)-1984
6	Sulphate (as SO <sub>3</sub> ) mg/l,	8.7	200	400	IS 3025 (Part 24/Sec-1)-2022
7	Total Alkalinity,(CaCO <sub>3</sub> ), mg/l	26.4	200Max	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-0.11)	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	0.22	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-1.1)	--	--	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.

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

Reviewed & Authorised

1. The result listed refer only to the tested samples and applicable parameters endorsement of product is neither inferred nor implied.
2. Total liability of our Lab. is limited to the invoiced amount.
3. Samples 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.

NABL ACCREDITED & CPWD APPROVED LAB.





**TEST REPORT**

Countd.....

**Report No.:** METCLPL/DDN/11112024/09

**Page No.:** 2 of 2

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

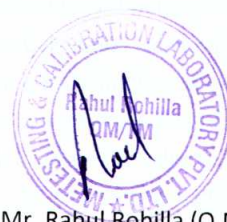
**Note: 1. The Above Test refers only to the Items tested.**

**2. Statement of Conformity & Decision Rule (In case of Borderline): NA**

**3. Opinion & Interpretations: NA**

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

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



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

**Reviewed & Authorised**

1. The result listed refer only to the tested samples and applicable parameters endorsement of product is neither inferred nor implied.
2. Total liability of our Lab. is limited to the invoiced amount.
3. Samples 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.