



Doc. No.: METCL/FF/48

METCL TESTING & CALIBRATION LABORATORY PVT. LTD.

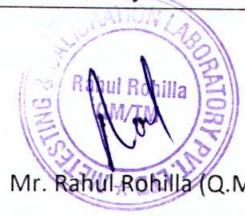
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TEST REPORT

Issued to: M/s Tons Builders, Near Telephone Exchange, Purola, Uttarkashi.	Report No.: METCLPL/DDN/11112024/09 Sample Id: 111124/09 Date of Receipt: 11/11/2024 Date of performance of Testing: 11 - 14/11/2024 Date of Issue of Report: 14/11/2024
Sample Description: Drinking Water Sample Quantity: 2 Ltr. Sample Condition: Receipt as OK Sample Plan & Sampling Method: N/A. Environment Condition (Temp. & Humidity): $25.0^{\circ}\pm 5^{\circ}\text{C}$ & NA Addition to, Deviation or Exclusion from the Method: NA	Sampling Period: 10/11/2024 (2:36 PM) Test Performed at: Lab Page No.: 1 of 2
N.O.W: 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. C.A. No.: 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 ₃), 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 ₄) mg/l,	8.7	200	400	IS 3025 (Part 24/Sec-1)-2022
7	Total Alkalinity,(CaCO ₃), 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 ₃) mg/l	0.22	45	No Relaxation	IS: 3025(P-34)1988
12	Phosphate (as P) mg/l	BDL (DL-0.04)	--	--	APHA 23 rd 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

- The result listed refer only to the tested samples and applicable parameters endorsement of product is neither inferred nor implied.
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- 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. 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)

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