



MET TESTING AND CALIBRATION LABORATORY PVT. LTD.

Doc. No.: METCLPL/FF/48

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TEST REPORT

Issued To: M/s Lucky Construction, Vill.- Pala, Post- Barsu, Tehsil-Bhatwari, Uttarkashi (U.K.)	Report No.: METCLPL/DDN/09052025/11 Sample Id: 090525/11 Date of Receipt: 09/05/2025 Date of performance of Testing: 09-13/05/2025 Date of Issue of Report: 14/05/2025
Sample Description: Surface Water Sample Quantity: 2 Ltr. Sample Condition: Receipt as OK Sample Plan & Sampling Method: N/A. Environment Condition (Temp. & Humidity): 25.0 ⁰ ±5 ⁰ C & NA Addition to, Deviation or Exclusion from the Method: NA	Source: Pindar River Sampling Period: 08/05/2025 (12:17 PM) Test Performed at: Lab
C.B. No.: 14/U-PREPARE/10(2)/BR/RFB-IR/UPREPARE/2024 N.O.W.: CONSTRUCTION OF 80M SAPN PEDESTRIAN BRIDGE AND ITS APPROACH ON PAITHANI GARKOT BRIDLE ROAD IN DISTRICT CHAMOLI, UTTARAKHAND.	

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	Colour, Hazen unit.	3	5 Max.	15 Max.	IS-3025(P-4)-2021
2	Odour	Agreeable	Agreeable	Agreeable	IS-3025(P-5)-2018
3	pH Value	7.40	6.5 – 8.5	No Relaxation	IS-3025(P-11)-2006
4	Turbidity, NTU.	0.5	1 Max.	5	IS-3025(P-10)-2023
5	Total Hardness, (as CaCO ₃), mg/l Max.	195	200	600	IS-3025(P-21)-2009
6	Chloride (as Cl), mg/l	46.0	250	1000	IS-3025(P-32)-1993
7	Total Dissolved Solids, mg/l	456	500	2000	IS-3025(P-16)-1984
8	Total Alkalinity, (CaCO ₃), mg/l	86.0	200Max	600Max	IS: 3025(P-23)-1986
9	Ammonia (as Total Ammonia-N), mg/	BDL(DL-0.07)	0.5	No Relaxation	IS: 3025 (P-34)
10	Calcium (as Ca) , mg/l	63.5	75 Max.	200 Max.	IS: 3025(P-40)-1991 RA: 2019
11	Magnesium (as Mg), mg/l	25.80	30 Max.	100 Max.	IS: 3025(P-46)-2023
12	Fluoride (as f), mg/l	Nil	1.0	1.5	IS: 3025(P-60)-2008
13	Nitrate (as NO ₃) mg/l	9.0	45	No Relaxation	IS: 3025(P-34)1988
14	Dissolved Phosphate (as P) mg/l	0.1	--	--	IS: 3025 (P-31) 1988
15	Phenolic Compound (as C ₆ H ₅ OH) , mg/l	BDL(DL-0.002)	0.001	0.002	IS: 3025(P-43/Sec-2)-2021
16	Sulphate (as SO ₄) mg/l,	16.0	200	400	IS 3025 (Part 24/Sec-1)-2022
17	Iron (as Fe), mg/l	0.22	0.3	No Relaxation	IS-3025(P-53)-2012
18	Copper(as Cu), mg/l	BDL(DL-0.02)	0.05	1.5	IS: 3025(P-42)1988
19	Manganese (as Mn), mg/l	<0.01	0.1	0.3	IS: 3025(P-39)-2023

Reviewed By

NARESH CHAMOLI
Environment Expert
GND PWD PREPARE
Dehradun

Authorized Signatory

- The result listed refer only to the tested samples and applicable parameters and no comment of product is neither implied nor implied.
- Total liability of our Lab. is limited to the invoiced amount.
- Samples will be destroyed after 30 Days from the date of receipt.
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NABL ACCREDITED & ISO 9001:2015 CERTIFIED LAB.



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TEST REPORT

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S. No.	Characteristics	Test -Value	Acceptable Limit	Permissible Limit in absence of Alternate Source	Method of Test
20	Nitrate as NO_3 , mg/l	11.3	45 Max.	No Relaxation	IS: 3025(P-34/ Sec-1) 2023
21	Aluminum (as Al), mg/l	BDL(DL-0.010)	0.03	0.2 Max.	IS 3025 (Part-55)
22	Boron (as B), mg/l	BDL(DL-0.020)	0.5	1.0 Max.	IS 3025 (Part-57)
23	Barium as Ba, mg/l	BDL(DL-0.010)	0.7	No Relaxation	IS 15302
24	Molybdenum as Mo, mg/l	BDL(DL-0.001)	0.07	No Relaxation	IS 3025 (Part-2)
25	Zinc (as Zn)	BDL(DL-0.07)	5	15	IS: 3025(P-49) -1994
26	Total Arsenic (as As)	BDL(DL-0.01)	0.01	0.05	IS: 3025(P-37) -1988
27	Cadmium (as Cd)	BDL(DL-0.001)	0.003	No Relaxation	IS: 3025(P-41) -1992
28	Lead as Pb, mg/l	ND	0.01	No Relaxation	IS 3025 (P-47)-1994
29	Total Chromium (as Cr) mg/l	BDL(DL-0.001)	0.05	No Relaxation	IS: 3025(P-52)-2003
30	Mercury (as Hg) (mg/l)	BDL(DL-0.01)	0.001	No Relaxation	IS: 3025(P-48)/Mercury analyser.
31	Cyanide (as CN), mg/l	BDL(DL-0.001)	0.05	No Relaxation	IS: 3025 (P-27)
32	Nickel (as Ni), mg/l	BDL(DL-0.001)	0.02	No Relaxation	IS 3025 (Part 54)
33	Selenium as Se, mg/l	BDL(DL-0.005)	0.01	No Relaxation	IS 3025 (Part-56)
34	Silver as Ag, mg/l	BDL(DL-0.001)	0.1	No Relaxation	Annx. J of IS 13428

Bacteriological Test

S.No.	Characteristics	Test -Value	Acceptable Limit	Method of Test
1	Total Coliform Organisms (MPN)	Absent	Shall not be detectable in 100ml, sample	IS-1622-1981
2	E Coli	Absent	Shall not be detectable in 100ml, sample	IS-1622-1981

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*****

[Signature]
Reviewed By

NCh
NARESH CHAMOLI
Environment Expert
FPU PWD (U-PREPARE)
Dehradun

[Signature]
S.E

[Circular Stamp]
Mr. Rishi Rohilla (T.M)
Authorized Signatory

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