



ME TESTING AND CALIBRATION LABORATORY PVT. LTD.

Doc. No.: METCLPL/FF/48

Head Office: 103, 1st Floor, Plot No. C-1/2 Naniwala Bagh,
Commercial Complex, Azadpur, Delhi, India - 110033
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

Issued To: M/s Lucky Construction, Vill.- Pala, Post- Barsu, Tehsil-Bhatwari, Uttarkashi (U.K.)	Report No.: METCLPL/DDN/09052025/12 Sample Id: 090525/12 Date of Receipt: 09/05/2025 Date of performance of Testing: 09-13/05/2025 Date of Issue of Report: 14/05/2025
Description of Sample: Ground 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 & N.A. Addition to, Deviation or Exclusion from the Method: NA	Source: Borewell Sampling Period: 08/05/2025 (1:02 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 RA:2018, IS – 2296 & IS-456

S.No.	Characteristics	Test -Value	Acceptable Limit	Permissible Limit in absence of Alternate Source	Method of Test	Conformity
1	Colour Hazen Unit	2	5 Max.	15 Max.	IS-3025(P-4)-2021	Yes
2	Odour	Agreeable	Agreeable	Agreeable	IS-3025(P-5)-2018	Yes
3	Taste	Agreeable	Agreeable	Agreeable	IS-3025(P-7-8)-2017	Yes
4	Turbidity, NTU	0.4	1 Max.	5 Max.	IS-3025(P-10)-2023	Yes
5	pH Value	7.28	6.5 – 8.5	No Relaxation	IS-3025(P-11)-2022	Yes
6	Total Hardness (as CaCO ₃), mg/l	171	200 Max.	600 Max.	IS-3025(P-21)-2009 RA: 2019	Yes
7	Iron (as Fe), mg/l	0.19	0.3 Max.	No Relaxation	IS-3025(P-53)- 2003 RA: 2019	Yes
8	Chloride (as Cl), mg/l	31.10	250 Max.	1000 Max.	IS-3025(P-32)-1988 RA: 2019	Yes
9	Total Dissolved Solids, mg/l	372	500 Max.	2000 Max.	IS-3025(P-16)-2023	Yes
10	Sulphate (as SO ₄), mg/l	24.1	200 Max.	400 Max.	IS 3025 (P- 24) 1986 RA: 2019	Yes
11	Total Alkalinity (Caco ₃), mg/l	62.0	200 Max.	600 Max.	IS: 3025(P-23)-2023	Yes
12	Calcium (as Ca), mg/l	48.1	75 Max.	200 Max.	IS: 3025(P-40)-1991 RA: 2019	Yes
13	Magnesium (as Mg), mg/l	12.0	30 Max.	100 Max.	IS: 3025(P-46)-2023	Yes
14	Residual Free Chlorine.	Nil	0.2 Max.	1.0 Max.	IS: 3025(P-26)-2021	Yes
15	Fluoride as f, mg/l	0.20	1.0 Max.	1.5 Max.	IS: 3025(P-60)-2008 RA: 2019	Yes
16	Nitrate as NO ₃ , mg/l	7.2	45 Max.	No Relaxation	IS: 3025(P-34/ Sec-1) 2023	Yes
17	Manganese, mg/l	<0.01	0.1 Max.	0.3 Max.	IS: 3025(P-59) 2023	Yes
18	Aluminum (asAl), mg/l	BDL(DL-0.03)	--	--	APHA-22 nd ED/2012	Yes

Reviewed By

1 | Page

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.
- 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 & ISO 9001:2015 CERTIFIED LAB.



ME TESTING AND CALIBRATION LABORATORY PVT. LTD.

Doc. No.: METCLPL/FF/48

Head Office: 103, 1st Floor, Plot No. C-1/2 Naniwala Bagh,
Commercial Complex, Azadpur, Delhi, India - 110033
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

Countd.....

Report No.: METCLPL/DDN/09052025/12

Report No.: METCLPL/DDN/09052025/12

S.No.	Characteristics	Test -Value	Acceptable Limit	Permissible Limit in absence of Alternate Source	Method of Test	Conformity
19	Anionic Detergents (MBAS)	BDL(DL-0.04)	0.2	1.0	APHA 22 nd Edition 5540C	Yes
20	Boron (mg/l)	BDL(DL-0.10)	0.5	1	IS: 3025(P-57) -2005	Yes
21	Copper(as Cu)	BDL(DL-0.02)	0.05	1.5	IS: 3025(P-42) -2003	Yes
22	Potassium as K, mg/l	13.1	--	--	IS-3025 Part 45:1993	Yes
23	Phenolic Compound (asC ₆ H ₅ OH) , mg/l	<0.001	0.001	0.002	IS: 3025(P-43)	Yes
24	Cyanide (as Cn)	BDL(DL-0.001)	0.05	No Relaxation	IS: 3025(P-45)-1993	Yes
25	Mineral Oil	BDL(DL-0.05)	0.5	No Relaxation	Clause 6 of IS:3025 (P-39)	Yes
26	Hexavalent Chromium (VI) mg/l	BDL(DL-0.004)	0.05	No Relaxation	IS: 3025(P-52)-2003	Yes
27	Selenium (as Se) (mg/l)	BDL(DL-0.04)	0.01	No Relaxation	IS: 3025(P-56)	Yes
28	Zinc (as Zn)	17	5	15	IS: 3025(P-49) -1994	Yes
29	Arsenic (as AS)	BDL(DL-0.01)	0.01	0.05	IS: 3025(P-37) -1988	Yes
30	Cadmium(as CD)	BDL(DL-0.001)	0.003	No Relaxation	IS: 3025(P-41) -1992	Yes
31	Mercury (as Hg) (mg/l)	BDL(DL-0.01)	0.001	No Relaxation	IS: 3025(P-48)/Mercury analyser.	Yes
32	Lead(pb)	BDL(DL-0.02)	0.01	No Relaxation	IS 3025 (P-47)	Yes
Bacteriological Tests						
S.No	Characteristics	Test Value	Acceptable Limit	Method of Test	Conformity	
33	Total Coliform Organisms	Absent	Shall not be detectable in 100 ml, sample	IS-1622-1981	Yes	
34	E.Coli	Absent	Absent	IS-1622-1981	Yes	

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

2. Statement of Conformity & Decision Rule (In case of Borderline): N.A.

3. Opinion & Interpretations: N.A.

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

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

[Signature]

2 | Page

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.
- 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 & ISO 9001:2015 CERTIFIED LAB.