



# DEVBHOOMI TESTING LABORATORY DEHRADUN

NABL Accredited, Govt. Approved, MSME Registered, & ISO : 9001:2015 & 14001: 2015 Certified Laboratory

Neelkanth Enclave, Harbhajwala, Telpur Chowk, Shimla By Pass Road, Dehradun 248171

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## TEST REPORT

Description of Sample: Drinking / Ground Water	Report No.: DTL/DDN/2024/0211/03
Sample Id: 02112024/03	Date of Report: 07/11/2024
Sample Quantity: 1 Ltr.	Date of Sampling: 02/11/2024
Sample Condition: Receipt as OK	Start Date of Testing: 04/11/2024
Sample Plan & Sampling Method: NA	Date of Completion: 07/11/2024
Environment Condition (Temp. & Humidity): NA	
Addition to, Deviation or Exclusion from the Method: NA	
N.O.W : "Construction of 30M Span single lane steel girder pedestrian bridge near Charbag over Lwani Gadera at Silwani Tok, Chamoli"	
Issued to: M/S D.S Construction I-7 Nehru colony, Dehradun 248001	Page 1 of 1

Requirement as per IS: 10500-2012 RA:2018

Sample :-01

S. No.	Characteristics	Test-Value	Acceptable Limit	Permissible Limit in Absence of alternate source	Method of Test
1.	Colour, Hazen unit Max.	≤5	5	15	IS-3025(P-4)-1983 RA:2021
2.	Odour	Agreeable	Agreeable	Agreeable	IS-3025(P-5)-1983 RA:2018
3.	Turbidity, NTU, Max.	Nil	1	5	IS-3025(P-10)-1984 RA:2017
4.	pH Value	7.86	6.5-8.5	No Relaxation	IS-3025(P-11)-1983 RA:2022
5.	Total Hardness. (asCaCO <sub>3</sub> ), mg/l Max.	26	200	600	IS-3025(P-21)-2009 RA:2019
6.	Iron (as Fe), mg/l Max.	0.24	0.3	No Relaxation	IS-3025(P-53)-2012 RA:2019
7.	Chloride (as Cl), mg/l Max.	15	250	1000	IS-3025(P-32)-1988 RA:2019
8.	Total Dissolved Solid mg/L Max.	112	500	2000	IS-3025(P-16)-1984 RA:2017
9.	Bacteriological Test a) E-Coli	ND	Shall not be detectable		IS:1622-1981 RA:2019
	b) Total coliform bacteria	ND			

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

*ACL*

**NARESH CHAMOLI**  
Environment Expert  
FPIU PWD (U-PREPARE)  
Dehradun



Checked & Issued by  
Authorised Signatory

1. The result listed refer only to the tested sample & applicable parameters endorsement of products is neither inferred nor implied.
2. Total liability of our lab is limited to the invoiced amount.
3. Sample not drawn by lab and sample 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.



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## TEST REPORT

Description of Sample: Drinking / Ground Water	Report No.: DTL/DDN/2024/0211/04
Sample Id: 02112024/04	Date of Report: 07/11/2024
Sample Quantity: 1 Ltr.	Date of Sampling: 02/11/2024
Sample Condition: Receipt as OK	Start Date of Testing: 04/11/2024
Sample Plan & Sampling Method: NA	Date of Completion: 07/11/2024
Environment Condition (Temp. & Humidity): NA	
Addition to, Deviation or Exclusion from the Method: NA	
N.O.W : "Construction of 30M Span single lane steel girder pedestrian bridge near Charbag over Lwani Gadera at Silwani Tok, Chamoli"	
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Requirement as per IS: 10500-2012 RA:2018

Sample :-02

S. No.	Characteristics	Test-Value	Acceptable Limit	Permissible Limit in Absence of alternate source	Method of Test
1.	Colour, Hazen unit Max.	≤5	5	15	IS-3025(P-4)-1983 RA:2021
2.	Odour	Agreeable	Agreeable	Agreeable	IS-3025(P-5)-1983 RA:2018
3.	Turbidity, NTU, Max.	Nil	1	5	IS-3025(P-10)-1984 RA:2017
4.	pH Value	7.78	6.5-8.5	No Relaxation	IS-3025(P-11)-1983 RA:2022
5.	Total Hardness, (asCaCO <sub>3</sub> ), mg/l Max.	28	200	600	IS-3025(P-21)-2009 RA:2019
6.	Iron (as Fe), mg/l Max.	0.27	0.3	No Relaxation	IS-3025(P-53)-2012 RA:2019
7.	Chloride (as Cl), mg/l Max.	18	250	1000	IS-3025(P-32)-1988 RA:2019
8.	Total Dissolved Solid mg/L Max.	105	500	2000	IS-3025(P-16)-1984 RA:2017
9.	Bacteriological Test a) E-Coli	ND	Shall not be detectable	IS:1622-1981 RA:2019	
	b) Total coliform bacteria	ND			

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

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 Environment Expert  
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