



**District Level Water Quality Testing and Monitoring Laboratory**  
Uttarakhand Jal Sansthan, 32, Rajpur Road, Dehradun

TC-10477

ULR No.: TC1047724000000000048F  
Dated: 05/02/2024

Test Report ID: 48/UJS/DLWQTML/2023-24

**TEST REPORT**

Name and Address of Organization/ Customer	Doon scholars Opposite New Sachiwala colony, Shivam vihar, Doon university road, Kedarpuram, Dehradun		
Product Description	Drinking Water	Sample Description	One Water Sample Submitted By Doon scholars
Reference Sample Identification:	DLWQTML/UJS/2024-48		Date of Start of Analysis: 01/02/2024
			Date of End of Analysis: 05/02/2024
Date and Time of Sample Received: 02/02/2024 & 12:58 PM	Sample Collected by: Umesh kumar (Representative)		

SN	Water Quality Parameters Under Chemical Scope	Results	Acceptable Limit As per IS 10500:RA 2018	Permissible Limit (BIS) in the Absence of alternative source as per IS 10500:RA 2018	Std. Test Method
1.	pH at 25°C	7.77	6.5 to 8.5	No Relaxation	IS 3025 (Part 11) 2022, Electrometric method
2.	Total Dissolved Solids (TDS), mg/L, Max	356	500	2000	IS 3025 (Part 16), 2023 Gravimetric Method
3.	Turbidity, NTU, Max	Less than 01	1	5	IS 3025 (Part 10), 2023 Nephelometric Method
4.	Total Alkalinity (as CaCO <sub>3</sub> ), mg/L, Max	210	200	600	IS 3025 (Part 23), 2023 Titrimetric Method
5.	Total Hardness (as CaCO <sub>3</sub> ), mg/L, Max	260	200	600	IS 3025 (Part 21), 2009 RA, 2019, EDTA Titrimetric Method
6.	Calcium as Ca, mg/l	44.8	75	200	IS 3025 (Part 40), 2023, EDTA Titrimetric Method
7.	Chloride, mg/L, Max	25.48	250	1000	IS 3025 (Part 32), 2019 Argentometric Method
8.	Magnesium as Mg, mg/l	35.96	30	100	APHA 23 <sup>m</sup> -3500-Mg Method B:2023 (Calculation Method)
9.	Colour, Hazen, Max	Less than 01	5	15	IS 3025 (Part 4) : 2021 Platinum Cobalt (Visual Comparison)
10.	Odour	Agreeable	Agreeable	Agreeable	IS 3025 (Part 5) : 2022

- The results listed refer only to tested sample and applicable parameters
- This certificate is not to be reproduced wholly or in parts promotional publicity or legal purpose without permission of authority of testing laboratory.
- The samples will be destroyed after Seven days from the date of issue of test certificate, unless otherwise agreed with customer.
- The results apply to the sample as received
- The Laboratory is responsible for all the information provided in the report, except when information is provided by the customer

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

**CHAIRMAN**  
**DOON SCHOLARS**

**PRINCIPAL**  
**DOON SCHOLARS**  
Dehra Dun

Review and Authorized By  
  
(Dr. Vikash Kandari)  
Technical Manager, Lab  
Authorized Signature  
DLWQTML  
Uttarakhand Jal Sansthan