



District Level Water Quality Testing and Monitoring Laboratory
Uttarakhand Jal Sansthan, Jal kal Mayapur, Haridwar
 Ph (O): 0134-226360, E-mail: eeujshrd@yahoo.com



TC-12836

TEST REPORT ID : 168/UJS/DLWQTML/2024-25

Dated:24/04/2024

TEST REPORT

Name and Address of Organization/ Customer	The Gurukul Senior Secondary School Gurukul Narsan, Roorkee Haridwar		
Product Description (Surface Water/ Ground Water/ Drinking Water)	Drinking Water	Sample Description	One Water Sample submitted from The Gurukul Senior Secondary School
Reference Sample Identification:	DLWQTML/UJS/2024-26	Date of Start of Analysis:23/04/2024	
		Date of End of Analysis:24/04/2024	
Date and Time of Sample Received:23/04/24& 16:25 PM	Sample Collected by:	Customer	

SN	Parameters	Results	Desirable Limit (IS 10500:2012)	Permissible Limit (IS 10500:2012) in the Absence of alternative source	Std. Test Method
1.	pH at 25°C	7.48	6.5 to 8.5	No Relaxation	IS 3025 (Part 11) 2022, Electrometric method
2.	Total Dissolved Solids (TDS), mg/L,Max	88	500	2000	IS 3025 (Part 16), 2023 Gravimetric Method
3.	Turbidity, NTU,Max	Less Than 1	1	5	IS 3025 (Part 10), 2023 Nephelometric Method
4.	Total Alkalinity (as CaCO ₃), mg/L,Max	60	200	600	IS 3025 (Part 23), 2023 Titrimetric Method
5.	Total Hardness (as CaCO ₃), mg/L,Max	66	200	600	IS 3025 (Part 21), 2009 RA:2019, EDTA Titrimetric Method
6.	Calcium, mg/L,Max	16.8	75	200	IS 3025 (Part 40), 2023, EDTA Titrimetric Method
7.	Magnesium, mg/L,Max	5.832	30	100	APHA 24 th -3500-Mg Method B:2023 (Calculation Method)
8.	Odour	Agreeable	Agreeable	Agreeable	IS 3025 (Part 5) : 2022
9.	Chloride, mg/L, Max	4	250	1000	IS 3025 (Part 32),2019 Argentometric Method
10.	Colour , Hazen	Less Than 1	5	15	IS 3025 (Part 4): 2021Platinum Cobalt (Visual Comparison)

- The results listed refer only to tested sample and applicable parameters.
- This certificate is not be reproduced wholly or in parts promotional publicity or legal purpose without permission of authority of testing laboratory.
- The samples will be destroyed after fifteen days from the date of issue of test certificate, unless otherwise agreed with customer.
- Result 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.

Checked By

(Signature)

(Er. Rajesh Chauhan)

Technical Manager
 District Water Quality Testing Monitoring
 Laboratory
 Uttarakhand Jal Sansthan, Haridwar

Review and Authorized By

(Signature)

(Er. Anjali Palariya)
 Authorized Signatory,
 District Water Quality Testing Monitoring
 Laboratory,
 Uttarakhand Jal Sansthan, Haridwar

Digitally signed by Balesh
 Date: 2024.04.30 11:36:35 +05:30
 Reason: reason
 Location: location

End of Report



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		Date of End of Analysis:24/04/2024	

SN	Parameters	Results	Desirable Limit (IS 10500:20 12)	Permissible Limit (IS 10500:2012) in the Absence of alternative source	Std. Test Method
1.	Residual Free Chlorine, mg/L, Min	Not Detected	0.2	1.0	APHA 23rd Ed.-4500- CI-G
2.	Taste	Agreeable	Agreeable	Agreeable	IS 3025 (Part 32): 1988
Bacteriological Parameters					
3.	Total Coliform, MPN/ 100ml	Absent	Absent	Absent	APHA 23rd Ed.-9223-B
4.	<i>E. coli</i> , MPN/ 100ml	Absent	Absent	Absent	APHA 23rd Ed.-9223-B

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Checked By

(R) Anil

(Er. Rajesh Chauhan)

Technical Manager
District Water Quality Testing Monitoring
Laboratory
Uttarakhand Jal Sansthan, Haridwar

Review and Authorized By

Anjali

(Er. Anjali Palariya)
Authorized Signatory,
District Water Quality Testing Monitoring
Laboratory,
Uttarakhand Jal Sansthan, Haridwar

(Signature)
Principal

The Gurukul Senior Secondary School
Gurukul Narsan, Haridwar (U.K.)

(Signature)

Manager

The Gurukul Sr. Sec. School
Gurukul Narsan, Haridwar (U.K.)