



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

Test Report ID: 157/UJS/DLWQTML/2024-25

Dated: 29/04/2024

**TEST REPORT**

Name and Address of Organization/ Customer	River Valley Global School, Shimla By Pass Road, Jhiverhedi P.O. Karbari Dehradun.		
Product Description	Drinking Water	Sample Description	One Water Sample Submitted to River Valley Global School, Dehradun
Reference Sample Identification:	DLWQTML/UJS/2024-157		Date of Start of Analysis 27/04/2024 Date of End of Analysis 29/04/2024
Date and Time of Sample Received: 27/04/2024 & 01:20 PM	Sample Collected by:		Customer

SN	Water Quality Parameters Under Chemical Scope	Results	Acceptable Limit As per IS 10500:2012	Permissible Limit (BIS) in the Absence of alternative source	Std. Test Method
1.	pH at 25°C	7.24	6.5 to 8.5	No Relaxation	IS 3025 (Part 11) 2022. Electrometric method
2.	Total Dissolved Solids (TDS), mg/L, Max	228	500	2000	IS 3025 (Part 16). 2023 Gravimetric Method
3.	Turbidity, NTU, Max	Less than 0.02	1	5	IS 3025 (Part 10). 2023 Nephelometric Method
4.	Total Alkalinity (as CaCO <sub>3</sub> ), mg/L, Max	168	200	600	IS 3025 (Part 23). 2023 Titrimetric Method
5.	Total Hardness (as CaCO <sub>3</sub> ), mg/L, Max	188	200	600	IS 3025 (Part 21), 2009 RA 2019, EDTA Titrimetric Method
6.	Calcium as Ca, mg/l	34.4	75	200	IS 3025 (Part 40), 1991 RA 2019, EDTA Titrimetric Method
7.	Chloride, mg/L, Max	21.56	250	1000	IS 3025 (Part 32), 2019 Argentometric Method
8.	Magnesium as Mg, mg/l	24.78	30	100	APHA 24 <sup>th</sup> Ed -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) 2018

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

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

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



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			Date of End of Analysis 29/04/2024
<b>Date and Time of Sample Received:</b>	27/04/2024 & 01 20 PM	<b>Sample Collected by:</b>	Customer

SN	Water Quality Parameters Under Chemical Scope	Results	Acceptable Limit As per IS 10500:2012	Permissible Limit(BIS) in the Absence of alternative source	Std. Test Method
1.	Fluoride, mg/L, Max	0.16	1.0	1.5	APHA 23rd Ed. 4500-F-D 2023 SPADNS Method
2	Nitrate, mg/L, Max	2.9	45	No Relaxation	APHA 23rd Ed. 4500-NO <sub>3</sub> -B 2023 Ultraviolet Spectrophotometric Screening Method
3	Sulfate, mg/L, Max	30	200	400	APHA 23rd Ed. 4500-SO <sub>4</sub> -E 2023 Turbidimetric Method
4	Total Coliform, MPN/ 100ml	Absent	Absent	Absent	APHA 23rd Ed -9223-B
5	E. coli, MPN/ 100ml	Absent	Absent	Absent	APHA 23rd Ed -9223-B

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

Review and Authorized By

  
(Dr. Vikash Kandari)

Technical Manager, Lab

Authorized Signature

DLWQTML

Uttarakhand Jal Sansthan