



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



TC-13625

Test Report ID: 166/UJS/DLWQTML/2024-25

ULR No.: TC13625240000000001F

Dated: 13/05/2024

TEST REPORT

Name and Address of Organization/ Customer		Universal Academy, Tuner Road, C-22, Dehradun, Uttarakhand			
Product Description		Drinking Water	Sample Description	One Water Sample collected from Universal Academy, Tuner Road, D.dun	
Reference Sample Identification:		DLWQTML/UJS/2024-166		Date of Start of Analysis: 07/05/2024	
				Date of End of Analysis: 13/05/2024	
Date and Time of Sample Received: 07/05/24 & 011:00 AM		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	6.38	6.5 to 8.5	No Relaxation	IS 3025 (Part 11) 2022, Electrometric method
2.	Total Dissolved Solids (TDS), mg/L, Max	100	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 ₃), mg/L, Max	20	200	600	IS 3025 (Part 23), 2023 Titrimetric Method
5.	Total Hardness (as CaCO ₃), mg/L, Max	32	200	600	IS 3025 (Part 21), 2009 RA:2019, EDTA Titrimetric Method
6.	Calcium as Ca, mg/l	20	75	200	IS 3025 (Part 40), 1991 RA:2019, EDTA Titrimetric Method
7.	Chloride, mg/L, Max	12.25	250	1000	IS 3025 (Part 32), 2019 Argentometric Method
8.	Magnesium as Mg, mg/l	2.91	30	100	APHA 24 th 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 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****

**PRINCIPAL
UNIVERSAL ACADEMY
DEHRADUN
SCHOOL NO.: 81555**

Review and Authorized By

(Dr. Vikash Kandari)
Technical Manager, Lab

Authorized Signature

DLWQTML

Uttarakhand Jal Sansthan



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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	0.10	1.0	1.5	APHA 23rd Ed. 4500-F-D: 2023: SPADNS Method
2	Nitrate, mg/L, Max	1.2	45	No Relaxation	APHA 23rd Ed. 4500-NO ₃ -B:2023: Ultraviolet Spectrophotometric Screening Method
3	Sulfate, mg/L, Max	08	200	400	APHA 23rd Ed. 4500-SO ₄ -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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Review and Authorized By

(Signature)
13/05/2024

(Dr. Vikash Kandari)
Technical Manager, Lab

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