



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

Test Report ID: 125/RWSS/DLWQTML/2024-25

Dated: 20/06/2024

TEST REPORT

Name and Address of Organization/ Customer		Sierra International School, Mothrowala, Dehradun, Uttarakhand			
Product Description		Drinking Water	Sample Location	Water Sample collected from Mothrowala, Dehradun, Uttarakhand	
Reference Sample Identification:		DLWQTML/UJS/SC-01		Date of Start of Analysis: 18/06/2024	
Date and Time of Sample Received: 18/06/24 & 12:46PM		Sample Collected by:		Customer:	
S N	Water Quality Parameters Under Chemical Scope	Results	Desirable Limit (BIS)	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	240	500	2000	IS 3025 (Part 16), 2023 Gravimetric Method
3.	Turbidity, NTU, Max	0.92	1	5	IS 3025 (Part 10), 2023 Nephelometric Method
4.	Total Alkalinity (as CaCO ₃), mg/L, Max	160	200	600	IS 3025 (Part 23), 2023 Titrimetric Method
5.	Total Hardness (as CaCO ₃), mg/L, Max	198	200	600	IS 3025 (Part 21), 2009 RA:2019, EDTA Titrimetric Method
6.	Calcium as Ca, mg/l	36.8	75	200	IS 3025 (Part 40), 2023, EDTA Titrimetric Method
7.	Chloride, mg/L, Max	31.36	250	1000	IS 3025 (Part 32), 2019 Argentometric Method
8.	Magnesium as Mg, mg/l	25.75	30	100	APHA 23rd -3500-Mg Method B:2023 (Calculation Method)
9.	Fluoride, mg/L, Max	0.12	1.0	1.5	APHA 23rd Ed. 4500-F-D: 2023: SPADNS Method
10.	Nitrate, mg/L, Max	1.6	45	No Relaxation	APHA 23rd Ed. 4500-NO ₃ -B:2023: Ultraviolet Spectrophotometric Screening Method
11.	Sulfate, mg/L, Max	32	200	400	APHA 23rd Ed. 4500-SO ₄ - E:2023:Turbidimetric Method
12.	Total Coliform, MPN/ 100ml	Absent	Absent	Absent	APHA 23rd Ed.-9223-B
13.	E. coli, MPN/ 100ml	Absent	Absent	Absent	APHA 23rd Ed.-9223-B
14.	Odour	Agreeable	Agreeable	Agreeable	IS 3025 (Part 5) : 2018

- 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****

Review and Authorized By

Vikas Khandari
(Dr. Vikash Khandari)

Authorized Signature

DLWQTML

Uttarakhand Jal Sansthan

Soni
Principal

Sierra International School

[Signature]
Manager

Sierra International School
Mothrowala, Dehradun.