



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

Test Report ID: 73A/UJS/DLWQTML/2022-23

Dated: 23/11/2022

TEST REPORT

Name and Address of Organization/ Customer	Doon Defence International School, Munagluwala, Near Nalapani, Dehradun		
Product Description	Drinking Water	Sample Description	One Water Sample collected from Doon defence International School
Reference Sample Identification:	DLWQTML/UJS/DFI-01		Date of Start of Analysis: 18/11/2022
			Date of End of Analysis: 23/11/2022
Date and Time of Sample Received: 18/11/22 & 3:55 PM	Sample Collected by:	Customer:	

SN	Water Quality Parameters Under Chemical Scope	Results	Desirable Limit (BIS)	Permissible Limit (BIS) in the Absence of alternative source	Std. Test Method
1.	Fluoride, mg/L, Max	0.17	1.0	1.5	APHA 23rd Ed. 4500-F-D: 2017: SPADNS Method
2	Nitrate, mg/L, Max	2.1	45	No Relaxation	APHA 23rd Ed. 4500-NO ₃ -B:2017: Ultraviolet Spectrophotometric Screening Method
3	Sulfate, mg/L, Max	56	200	400	APHA 23rd Ed. 4500-SO ₄ ⁻² :2017: Turbidimetric Method
4	Residual Free Chlorine, mg/L, Min	Less than 0.2	0.2	1.0	APHA 23rd Ed.-4500-Cl-G
5	Total Coliform, MPN/ 100ml	Absent	Absent	Absent	APHA 23rd Ed.-9223-B
6	E. coli, MPN/ 100ml	Absent	Absent	Absent	APHA 23rd Ed.-9223-B

Remark: Above received water sample conform to IS 10500:2012 for drinking purpose with respect to above test parameters.

Manager
Doon Defence
International School
Dehradun

Principal
Doon Defence
International School
Dehradun

(Dr. Vikash Kandari)
Technical Manager
DLWQTML
Uttarakhand Jal Sansthan
Dehradun

-End of Report-

- The results listed refer only to tested sample and applicable parameters.
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**District Level Water Quality Testing and Monitoring Laboratory
Uttarakhand Jal Sansthan, 32, Rajpur Road, Dehradun**



TC-10477

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Dated: 23/11/2022

TEST REPORT

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Product Description	Drinking Water	Sample Description	One Water Sample collected from Doon defence International School
Reference Sample Identification:	DLWQTML/UJS/DFI-01		Date of Start of Analysis: 18/11/2022
			Date of End of Analysis: 23/11/2022
Date and Time of Sample Received: 18/11/22 & 3:55 PM	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	7.95	6.5 to 8.5	No Relaxation	IS 3025 (Part 11) 1983, RA: 2017: Electrometric method
2.	Total Dissolved Solids (TDS), mg/L, Max	279	500	2000	IS 3025 (Part 16), 1984 RA: 2017: Gravimetric Method
3.	Turbidity, NTU, Max	0.92	1	5	IS 3025 (Part 10), 1984, RA:2017: Nephelometric Method
4.	Total Alkalinity (as CaCO ₃), mg/L, Max	312	200	600	IS 3025 (Part 23), 1986 RA: 2019 Titrimetric Method
5.	Total Hardness (as CaCO ₃), mg/L, Max	392	200	600	IS 3025 (Part 21), 2009 RA:2019; (a) EDTA Titrimetric Method
6.	Taste, mg/L, Max	Agreeable	Agreeable	Agreeable	IS 3025 (Part 8) : 1984, RA:2017
7.	Chloride, mg/L, Max	19.2	250	1000	IS 3025 (Part 32): 1988, RA: 2019 Argentometric Method
8.	Colour, Hazen, Max	Less than 01	5	15	IS 3025 (Part 4): 2021 Platinum Cobalt (Visual Comparison)
9.	Odour	Agreeable	Agreeable	Agreeable	IS 3025 (Part 5) : 2018

Remark: Above received water sample conforms to IS: 10500-2012 for drinking purpose with respect to above tests.

**Manager
Doon Defence
International School
Dehradun**

Ash
**Principal
Doon Defence
International School
Dehradun**

Vikash Kandari
**(Dr. Vikash Kandari)
Technical Manager
DLWQTML
Uttarakhand Jal Sansthan
Dehradun**

-End of Report-

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- The samples will be destroyed after fifteen days from the date of issue of test certificate unless otherwise agreed with customer.