



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



TC-10477

ULR No.:TC1047723000000000111F

Test Report ID: 265/UJS/DLWQTML/2023-24

Dated: 15/07/2023

TEST REPORT

Name and Address of Organization/ Customer	P.Y.D.S Learning Academy, Purkul Dehradun		
Product Description	Drinking Water	Sample Description	One Water Sample collected from P.Y.D.S Learning Academy, Purkul
Reference Sample Identification:	DLWQTML/UJS/2023-111		Date of Start of Analysis: 13/07/2023
			Date of End of Analysis: 15/07/2023
Date and Time of Sample Received: 13/07/23 & 10:11 AM	Sample Collected by:	Customer:	

S N	Parameters	Results	Acceptable Limit (BIS)	Permissible Limit (BIS) in the Absence of alternative source	Std. Test Method
1.	pH at 25°C	7.66	6.5 to 8.5	No Relaxation	IS 3025 (Part 11) 1983, RA: 2017; Electrometric method
2.	Total Dissolved Solids (TDS), mg/L, Max	31.6	500	2000	IS 3025 (Part 16), 1984 RA: 2017; Gravimetric Method
3.	Turbidity, NTU, Max	Less than 01	1	5	IS 3025 (Part 10), 1984, RA:2017; Nephelometric Method
4.	Total Alkalinity (as CaCO ₃), mg/L, Max	20	200	600	IS 3025 (Part 23), 1986 RA: 2019 Titrimetric Method
5.	Total Hardness (as CaCO ₃), mg/L, Max	44	200	600	IS 3025 (Part 21), 2009 RA:2019, (a) EDTA Titrimetric Method
6.	Calcium as Ca, mg/l	8.8	75	200	IS 3025 (Part 21), 2009 RA:2019 (a) EDTA Titrimetric Method
7.	Chloride, mg/L, Max	11.76	250	1000	IS 3025 (Part 32): 1988, RA: 2019 Argentometric Method
8.	Magnesium as Mg, mg/l	5.34	30	100	APHA 23 rd -3500-Mg Method B:2017 (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

Vikash Kandari
15/07/23
(Dr. Vikash Kandari)

Technical Manager
DLWQTML
Uttarakhand Jal Sansthan
Dehradun

-End of Report-

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.



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SN	Parameters	Results	Acceptable Limit (BIS)	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: 2017: SPADNS Method
2	Nitrate, mg/L, Max	1.2	45	No Relaxation	APHA 23rd Ed. 4500-NO ₃ -B:2017: Ultraviolet Spectrophotometric Screening Method
3	Sulfate, mg/L, Max	14	200	400	APHA 23rd Ed. 4500-SO ₄ E:2017:Turbidimetric Method
4	Total Coliform, MPN/ 100ml	Absent	Absent	Absent	APHA 23rd Ed. -9223-B
5	<i>E. coli</i> , MPN/ 100ml	Absent	Absent	Absent	APHA 23rd Ed. -9223-B

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