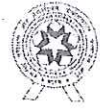




**District Level Water Quality Testing and Monitoring Laboratory
Uttarakhand Jal Sansthan, 32, Rajpur Road, Dehradun**



TC-10477

Test Report ID: 311/UJS/DLWQTML/2023-24


ULR No.: TC1047723000000000156F

Dated: 12/09/2023

TEST REPORT

Name and Address of Organization/ Customer	Bhagirathi Vidyalaya, Haripur Kalan, Raiwala, Dehradun		
Product Description	Drinking Water	Sample Description	One Water Sample collected from Bhagirathi Vidyalaya
Reference Sample Identification:	DLWQTML/UJS/2023-156		Date of Start of Analysis: 04/09/2023
			Date of End of Analysis: 12/09/2023
Date and Time of Sample Received: 04/09/23 & 11:00 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	7.25	6.5 to 8.5	No Relaxation	IS 3025 (Part 11) 1983, RA: 2017: Electrometric method
2.	Total Dissolved Solids (TDS), mg/L, Max	275	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	190	200	600	IS 3025 (Part 23), 1986 RA: 2019 Titrimetric Method
5.	Total Hardness (as CaCO ₃), mg/L, Max.	210	200	600	IS 3025 (Part 21), 2009 RA:2019, (a) EDTA Titrimetric Method
6.	Calcium as Ca, mg/l	39.2	75	200	IS 3025 (Part 21), 2009 RA:2019 (a) EDTA Titrimetric Method
7.	Chloride, mg/L, Max	41.16	250	1000	IS 3025 (Part 32): 1988, RA: 2019 Argentometric Method
8.	Magnesium as Mg, mg/l	27.21	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


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

-End of Report -

- The results listed refer only to tested sample and applicable parameters.
- This certificate is not 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



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


Test Report ID: 311A/UJS/DLWQTML/2023-24

Dated: 12/09/2023

TEST REPORT

Name and Address of Organization/ Customer	Bhagirathi Vidyalaya, Haripur Kalan, Raiwala, Dehradun		
Product Description	Drinking Water	Sample Description:	One Water Sample collected from Bhagirathi Vidyalaya
Reference Sample Identification:	DLWQTML/UJS/2023-156		Date of Start of Analysis: 04/09/2023
			Date of End of Analysis: 12/09/2023
Date and Time of Sample Received: 04/09/23 & 11:00 AM	Sample Collected by:	Customer:	

SN	Parameters	Results	Acceptable Limit (BIS)	Permissible Limit (BIS) in the Absence of alternative source	Std. Test Method
1.	Fluoride, mg/L, Max	0.14	1.0	1.5	APHA 23rd Ed. 4500-F-D: 2017: SPADNS Method
2	Nitrate, mg/L, Max	2.2	45	No Relaxation	APHA 23rd Ed. 4500-NO ₃ -B:2017: Ultraviolet Spectrophotometric Screening Method
3	Sulfate, mg/L, Max	44	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	E. coli, MPN/ 100ml	Absent	Absent	Absent	APHA 23rd Ed.-9223-B


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