



State Level Water Quality Testing & Monitoring Laboratory

Uttarakhand Jal Sansthan, Lane No. 1, Tarun Vihar, Mothorowala Road, Dehradun-248001.



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Test Report

Name and Address of Organization/ Customer	S.G.R.R Public School, Talab, Dehradun.		
Test Report ID	18/UJS/SLWQTML/2025-26	Report Issue Date	23/09/2025
ULR No.	TC137182500000037F	Sample Location	S.G.R.R Public School, Talab, Dehradun
Product Description	Drinking Water	Sample Collected by	Baishakh Singh Panwar
Reference Sample Identification No.	SLWQTML/UJS/2025-42	Date of End of Analysis	23/09/2025
Date of Start of Analysis	20/09/2025		
Date and Time of Sample Received	20/09/2025 & 12:15 pm		

A. Organoleptic & Physical Parameters

S.N.	Parameters	Standard Test Method	Results	Requirement (Acceptable limit) as per IS 10500:2012	Permissible limit in the absence of alternative Source as per IS 10500:2012
1.	pH at 25°C	IS 3025 (Part 11)	6.87	6.5 to 8.5	No Relaxation
2.	Total Dissolved Solids (TDS), mg/L	IS 3025 (Part 16)	26	500 Max	2000 Max
3.	Turbidity, NTU	IS 3025 (Part 10)	0.17	1 Max	5 Max
4.	Colour, Hazen	IS 3025 (Part 4)	1	5 Max	15 Max
5.	Odour	IS 3025 (Part 5)	Agreeable	Agreeable	Agreeable

B. General Parameters Concerning Substances Undesirable in Excessive Amounts

S.N.	Parameters	Standard Test Method	Results	Requirement (Acceptable limit) as per IS 10500:2012	Permissible limit in the absence of alternative Source as per IS 10500:2012
6.	Total Alkalinity (as CaCO ₃), mg/L	IS 3025 (Part 23)	12	200 Max	600 Max
7.	Total Hardness (as CaCO ₃), mg/L	IS 3025 (Part 21)	14	200 Max	600 Max
8.	Calcium, as Ca mg/L	IS 3025 (Part 40)	2.4	75 Max	200 Max
9.	Magnesium, mg/L	APHA 24 th Edition - 3500-Mg Method B	1.9	30 Max	100 Max
10.	Chloride, mg/L	IS 3025 (Part 5)	2.0	250 Max	1000 Max
11.	Fluoride, mg/L	IS 3025 (Part 11)	Less than 0.1	1.0 Max	1.5 Max
12.	Nitrate, mg/L	APHA 24 th Edition - 4500NO ₃ : B 2023	Less than 0.1	45 Max	No Relaxation
13.	Sulfate, mg/L	IS 3025 (Part 24)	Less than 01	200 Max	400 Max
14.	Iron, mg/L	APHA 24 th edition 3500-Fe-B	Less than 0.1	1.0 Max	No Relaxation

C. Bacteriological Quality of Drinking Water

S.N.	Parameters	Standard Test Method	Results	Requirement as per IS 10500:2012
15.	Total Coliform (in 100 ml)	IS 15185:2016 Ref 2021	Absent	Shall not be detectable in any 100 ml sample
16.	Fa Coli (in 100 ml)	IS 15185:2016 Ref 2021	Absent	Shall not be detectable in any 100 ml sample

V Rawal
 Authorized Signatory
 of 11/09/2025
SGRR EDUCATION MISSION DEHRADUN
 Authorized By
Gaurav Rajput
 (Dr. Gaurav Rajput)
 Chemist & Technical Manager
 SLWQTM Lab
 Uttarakhand Jal Sansthan
 Dehradun

Reviewed & Authorized By
Dr. Vikash Kandari
 (Dr. Vikash Kandari)
 Chief Chemist & Quality Manager (Micro)
Dr. Mrs. RAJESH ARORA
 Principal
 Shri Guru Ram Rai Public School
 Talab, Dehradun
 U.N.A. No B1077

Note: -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 fifteen days from the date of issue of test certificate, unless otherwise agreed with customer. 4. The result applies to sample as received.

End of Report