



GOVT. OF JAMMU AND KASHMIR
JAL SHAKTI DEPARTMENT WATER QUALITY MONITORING
STATE WATER TESTING LABORATORY, H.M.T, SRINAGAR.



Test Report

Customer Name & Address	Dehli Public School, Athwajan Srinagar. Prop:- Vijay Dhar	Report No: SWTL/2026/09	Ref.ID: 609316599507
		Issued Date: 07/04/2026	Dt:- 03-04-2026

Sample Description Details

Quantity: 5000 ml	Source	Tap Water/Direct Supply
Sample Id: CSD/PR/B/2026-2027/15/07	Status	Treated Water
W/S/S:	N.A.	Habitation
Sample received on	03-04-2026	School Premises at Athwajan Sgr.
Test Start Date:	03-04-2026	Drinking water
	Test End Date:	07-04-2026

Sample Collected By:	Rayees Ahmad (SWTL)
Sample tested as received	

Sr. No	Parameters	Units	Test Methods	Results	(Limit as per IS10500:2012)	
					Acceptable Limit	Permissible Limit in the Absence of Alternate Source
1	Calcium	mg/l	IS 3025 (Part 40): 1991 RA 2019 (Titrimetric Method)	33	75	200
2	Chloride	mg/l	IS 3025 (Part 32): 1988 RA 2019 Argentometric Method)	28	250	1000
3	Colour	Hazen units	IS 3025 (Part 4): 2021(Visual Comparison Method)	10	5	15
4	Iron	mg/l	IS 3025 (Part 53):2003 (RA 2019) (Colorimetric Method)	0.10	0.3	1.0
5	Magnesium	mg/l	APHA 24 th Edition -3500-Mg Method B (By Calculation): 2023	8.0	30	100
6	Odour	-	IS 3025 (Part 5): 2018	Agreeable	Agreeable	Agreeable
7	Ph@25°C	-	IS 3025 (Part 11): 2022(Electrometric Method)	7.9	6.5-8.5	No relaxation
8	Residual Free chlorine	mg/l	IS 3025 (Part 26): 2021(iodometric Method)	0.00	0.2	1.0
9	Sulphate	mg/l	IS 3025 (Part 24): 2019(Gravimetric Method)	10	200	400
10	Taste	-	IS 3025 (Part 8): 2023	Agreeable	Agreeable	Agreeable
11	Total Alkalinity	mg/l	IS 3025 (Part 23): 2019(Titrimetric Method)	66	200	600
12	Total Dissolved Solids	mg/l	IS 3025 (Part 16): 2023(Gravimetric Method)	157.9	500	2000
13	Total Hardness(as CaCO ₃)	mg/l	IS 3025 (Part 21): 2009 RA 2019(Titrimetric Method)	116	200	600
14.	Turbidity	NTU	IS 3025 (Part 10): 2023(Nephelometric Method)	14.3	1	5

Reviewed By

Authorised Signatory
Dr.Jan Masood Ahmad

Note:

- The test report and result relate to the specimen/ sample (s) of the material as delivered /received and tested in the laboratory.
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- Sample should be retained for 15 days only.

*****End of Report*****



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Sample Id:- CSD/PR/B/2026-2027/15/07

Test methods adopted:- BIS-3025, EPA350, IS7150-1, Spectroquant & Spectrophotometer

Report:-

Sr. No	Parameters	Units	Results	B.I.S 10500 of 2012 guidelines	
				Acceptable Limit	Permissible Limit in the Absence of Alternate Source
1	Conductivity at 25 °C	µs/cm	225.6	-	-
2	Fluorides (as F ⁻)	mg/l	0.00	1.0	1.5
3	Total Acidity	mg/l	4.0	--	--
4	Ammonical Nitrogen(NH ₃ -N)	mg/l	0.00	0.1	0.5
5	Nitrites (as NO ₂ ⁻)	mg/l	---	None	Traces
6	Nitrate Nitrogen (NO ₃ N)	mg/l	5.0	45	45
7	Total Phosphate (as PO ₄)	mg/l	0.00	0.4	5.0
8	Carbon Dioxide	mg/l	2.0	--	--
9	Dissolved Oxygen	mg/l	---	≥4.0	≤10.0
10	Arsenic (as As)	mg/l	---	0.05	0.05
11	Cadmium	mg/l	---	0.01	0.01
12	Copper	mg/l	---	0.05	1.5
13	Lead	mg/l	---	0.1	0.1
14.	Chromium	mg/l	----	0.05	0.05
15.	cyanide	mg/l	----	0.05	0.05
16.	Phenolic compounds	mg/l	---	0.001	0.005
17.	Coliform Organism	-	Negative (-ve)	Negative	Negative

[Signature]
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■ *****End of Report*****