

DISTRICT WATER TESTING LABORATORY

PUBLIC HEALTH ENGINEERING DEPARTMENT

Baroo Tsoq, Kargil - 194105 Union Territory - Ladakh

Doc. No. DWTL/KGL/7.8/F-01

TEST REPORT



Customer Reference No:

TC-17541

Name & Address of Customer: Govt High School Garkone

Date of Sample Receipt:	25/07/2026	Date of Issue:	02/09/2026
Analysis Starting Date:	25/07/2026	Analysis Completion Date:	25/07/2026
Discipline:	Chemical Testing	Group:	Water
Sample Type:	Drinking Water	Mode of Sample:	Satisfactory
Test Report No:	14	Sample ID:	2026/07/25/102
Source/ Scheme:	Surface Water	Location:	Garkone

Kindly find herewith the Analytical results.

S.No	Parameter	Unit	IS-10500:2012 (2 nd Revision)		Reference Method:	Analytical Value
			Requirement (Acceptable Limit)	Permissible Limit in the Absence of Alternate Source		
			Min.	Max.		
1	Colour	Hazen	5	15	APHA 24 th Ed.2023; Method: 2120B	BDL
2	Odour	-	Agreeable	Agreeable	IS:3025 (Part-5):2018 (2 nd Revision)	Agreeable
3	Taste	-	Agreeable	Agreeable	IS:3025 (Part-8):1984 (Reaffirmed 2023)	Agreeable
4	Turbidity	NTU	1	5	APHA 24 th Ed. 2023; Method: 2130B	11.28
5	pH at 25°C	-	6.5 to 8.5	No Relaxation	APHA 24 th Ed. 2023; Method: 4500 H + B	7.92
6	Total Dissolved Solids	mg/L	500	2000	APHA 24 th Ed. 2023; Method:2540 C	48
7	Total Hardness (as CaCO ₃)	mg/L	200	600	APHA 24 th Ed. 2023; Method:2340C	40
8	Calcium (as Ca ²⁺)	mg/L	75	200	APHA 24 th Ed. 2023; Method: 3500 Ca ²⁺ B	9.61
9	Magnesium (as Mg ²⁺)	mg/L	30	100	APHA 24 th Ed. 2023; Method: 3500 Mg ²⁺ B	3.88
10	Chloride (as Cl ⁻)	mg/L	250	1000	APHA 24 th Ed. 2023; Method:4500 Cl ⁻ B	15.99
11	Fluoride (as F ⁻)	mg/L	1	1.5	APHA 24 th Ed. 2023; Method: 4500 F C	0.018
12	Total Alkalinity (as CaCO ₃)	mg/L	200	600	APHA 24 th Ed. 2023; Method 2320B	28
13	Sulphate (as SO ₄ ²⁻)	mg/L	200	400	APHA 24 th Ed.2023;4500 SO ₄ -2E	5.90

This Report is issued under the following terms & condition:

- The results given above are related to the sample as received and tested in DWTL, Kargil. Reliability of sample lies with the sender.
- This test report can't be reproduced wholly or in part without written permission of laboratory.
- This test report can't be used for any publicity or any legal purpose.
- This test was performed under environmental condition of (Temp. 25 ± 5°C & Relative humidity (Rh) 30 ± 15%).
- The test sample will be disposed off after retention period (10 days) from the date of issue of test report unless until specifically requested by the customer.

Reviewed by:

(Signature)
(Liyaqut Ali)

Quality Manager

District Water Testing Laboratory,
Kargil

Authorized & Issued by:

(Signature)
(Zahra Batool)

Technical Manager

District Water testing Laboratory,
Kargil

End of the Test Report