



Government of Jammu & Kashmir
JAL SHAKTI (PHE) DEPARTMENT KASHMIR

PHYSICO-CHEMICAL & BACTERIOLOGICAL WATER ANALYSIS REPORT

SAMPLE ANALYSED AT:- Sub- Divisional Water Testing Laboratory, PHE, RWS, Sub- Division Kangan.

Sample Description:-

Lab. Ref.No:- SDLK/PC/2627

District:- Ganderbal

Block:- Kangan

Panchayat/Ward:- Kangan B

Village/Town:- Margund Kangan

Habitation:- Army Goodwill School Margund

Forwarded/Collected by:- Lab Staff

Source:- Nallah

Scheme:- WSS Bamlina Kangan

Status:- Treated Water

Date of Collection:- 06-05-2026

Date of Receipt:- 06-05-2026

Date of Examination:- 06-05-2026

Report:-

S.No	Parameters	Units	Result	BIS - 10500-2012 (Second Revision)	
				DESIRABLE Limits	Max. Permissible Limits
1.	Temperature	$^{\circ}\text{C}$	-	-	-
2.	Taste	-	Agreeable	Agreeable	Agreeable
3.	Odour	-	Agreeable	Agreeable	Agreeable
4.	Colour	Hazens	5	5	15
5.	Residual Chlorine	mg/l	0.2	0.2	1.0
6.	Turbidity	NTU	3.35	1.0	5.0
7.	pH at..... $^{\circ}\text{C}$	-	7.10	6.5	8.5
8.	TDS	mg/l	125.9	500	2000
9.	Elect Conductivity	$\mu\text{S/sec}$	232.6	-	-
10.	Total Hardness	mg/l	30	200	600
11.	Calcium	mg/l	--	75	200
12.	Magnesium	mg/l	-	35	100
13.	Fluoride	mg/l	0.0	1.0	1.5
14.	Nitrate	mg/l	Zero	45	45
15.	Iron	mg/l	0.0	0.3	1.0

Sab
Lab. Asst/s

R. Singh
Chemist

Impression:- :- Tested drinking water quality parameters are within permissible limits. The water is potable.