

No.BIT/Testing /E-Chem/ 1031

Dated 06.11.2025

TO,

**Principal****Sarswati Vihar H. S. School****Bhilai (C.G.)****Result of Submitted water sample**

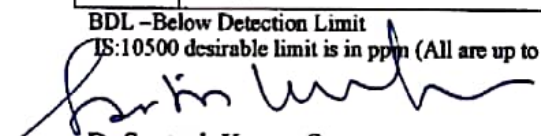
Dear Sir,

Following is the result of water sample submitted by you. Kindly note that the result pertains to the sample submitted. All usual precautions and standards method of analysis have been used.

Sl no	Parameter	Sample	IS:10500 Desirable Limit
1.	PH	7.49	6.5 to 8.5
2.	Conductivity( $\mu$ S/cm)	320	-
3.	Resistivity ()	1.40	
4.	Total Dissolved Solids (ppm)	150	500
5.	Salinity (ppt)	0.29	
6.	Calcium	30	75
7.	Magnesium	9	30
8.	Sulphate	30	100
9.	Iron	0.05	0.1
10.	Nickel	BDL	0.05
11.	Cadmium	BDL	0.05
12.	Lead	BDL	0.02
13.	Chromium	BDL	0.05
14.	Faecal Coliform (as MPN/100ml)	BDL	Nil
15.	Nitrate	BDL	10

BDL -Below Detection Limit

IS:10500 desirable limit is in ppm (All are up to acceptable)

  
Dr Santosh Kumar Sar  
Head- Applied Chemistry  
Dr. Arun Arora  
PRINCIPAL