



Test Report

(AN ISO 9001:2015 Certified Laboratory)

Report No.	: 01/URLS-477/A/2022	Date of Report	: 06/01/2022
Sample Code	: URLS-477/A	Received On	: 03/01/2022
Sample Source	: DRINKING RO WATER	Sample Quantity	: 1 Litre
Sample Status	: Satisfactory		

Customer's name : M/s **BHONWAL CONVENT SCHOOL,**
 Address : NATKUR, BIJNOR,
 LUCKNOW-226002.

Sl. No.	PARAMETER TESTED	UNITS	RESULT	IS: 10500-2012 Drinking water specification (Second Revision)	
				Requirement (Acceptable Limit)	TEST METHOD
PHYSICO-CHEMICAL					
1.	Colour	-	Colorless	5.0	IS:3025(Part 04)2003
2.	Odour	-	Agreeable	Agreeable	IS:3025(Part 05)1988
3.	Taste	-	Agreeable	Agreeable	IS:3025(Part 08)1988
4.	Turbidity	NTU	<0.1	1	IS:3025(Part -10) 1996
5.	pH value	-	7.05	6.5-8.5	IS:3025 (Part-11) 1983
6.	Electrical Conductivity 25°C	µS/cm	92.5	NS	IS:3025 (Part 14)-1984
7.	Total Dissolved Solids	mg/l	62	500	IS:3025 (Part-16) 2006
8.	Total Hardness as CaCO ₃	mg/l	26.9	200(Max.600)	IS:3025(Part-21) 2009
9.	Calcium as Ca ⁺⁺	mg/l	7.7	75(Max.200)	IS:3025 (Part-40) 2003
10.	Magnesium as Mg ⁺⁺	mg/l	1.9	30(Max.100)	IS:3025 (Part-46) 2003
11.	Total Alkalinity as CaCO ₃	mg/l	19.4	200	IS:3025(Part-23) 2009
12.	Chloride as Cl	mg/l	6.8	250	IS:3025 (Part-32) 1988
13.	Total Iron as Fe	mg/l	0.1	1.0	IS:3025 (Part-53) 2003
14.	Nitrate as NO ₃ ⁻	mg/l	BDL(DL=1.0)	45	IS:3025 (Part 34) 1988
15.	Sulphate as SO ₄ ⁻	mg/l	2.4	200	IS:3025 (Part 24) 1986
16.	Fluoride as F ⁻	mg/l	BDL(DL=0.1)	1.0(Max.1.5)	IS:3025 (Part-60) 2008
17.	Free Residual Chlorine	mg/l	BDL(DL=0.2)	0.2	IS:3025 (Part-26) 1986
BACTERIOLOGICAL				Acceptable Limit- IS:1622-1981	
18.	Total Coliform (MPN/100ml)		Not Detected	Shall not be detectable in any 100ml. sample	
19.	Faecal Coliform (MPN/100ml)		Not Detected	Shall not be detectable in any 100ml. sample	
20.	<i>E. coli</i> in 100 ml of sample		Not Detected	Shall not be detectable in any 100ml. sample	

BDL=Below Detection Limit.

Remarks: The above water sample conforms to IS: 10500-2012 (Second Revision) Drinking Water Specification with respect to the Physicochemical & Bacteriological test conducted.

(Authorised Signatory)

