



UNIVERSAL RESEARCHTM LABORATORY SERVICES

Test Report (AN ISO 9001:2015 Certified Laboratory)

Report No. : 01/URLS-689/B/2023 Date of Report : 02/02/2023
Sample Code : URLS-689/B Received On : 27/01/2023
Sample Source : BOREWELL WATER Sample Quantity : 1 Litre
Sample Condition : Sealed/Satisfactory Sample Location : CAMPUS

Customer's name : THE PRINCIPAL,
Address : KENDRIYA VIDYALYA,
CRPF COLONY,
BIJNORE,
LUCKNOW-226008.

Sl. No.	PARAMETER TESTED	UNITS	RESULT	IS: 10500-2012 Drinking water specification (Second Revision)
BACTERIOLOGICAL TEST				Acceptable Limit- IS:1622-1981
01.	Total Coliform (MPN/100ml)		35	Shall not be detectable in any 100ml. sample
02.	Faecal Coliform (MPN/100ml)		Not Detected	Shall not be detectable in any 100ml. sample
03.	<i>E. coli</i> in 100 ml of sample		Not Detected	Shall not be detectable in any 100ml. sample

*Water Sample Submitted in Lab by Client self in Unsterilized Bottle.
BDL=Below Detection Limit.

Remarks: The above water sample does not conform to IS: 10500-2012 (Second Revision),
Drinking Water Specification with respect to the **Total Coliform** test conducted.


(Authorised Signatory)

प्रचार्य/PRINCIPAL
केन्द्रीय विद्यालय/Kendriya Vidyalay
सुबोधनपीठ/CRPF
लखनऊ/Lucknow



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 Sample Code : URLS-689/B Received On : 27/01/2023
 Sample Source : **BOREWELL WATER** Sample Quantity : 1 Litre
 Sample Condition : Sealed/Satisfactory Sample Location : CAMPUS

Customer's name : **THE PRINCIPAL,**
 Address : **KENDRIYA VIDYALYA,**
CRPF COLONY,
BIJNORE,
LUCKNOW-226008.

Sl. No.	PARAMETER TESTED	UNITS	RESULT	IS: 10500-2012 Drinking water specification (Second Revision)	
				Acceptable Limit	TEST METHOD
PHYSICO-CHEMICAL					
1.	Colour	Hazen	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.	Electrical Conductivity	µS	556.8	NS	IS:3025(Part 14)1984
5.	Turbidity	NTU	0.2	1	IS:3025(Part -10) 1996
6.	pH value	-	7.78	6.5-8.5	IS:3025 (Part-11) 1983
7.	Total Dissolved Solids	mg/l	373	500 (Max.2000)	IS:3025 (Part-16) 2006
8.	Total Suspended Solids	mg/l	4.2	100	IS:3025 (Part 17)-1984
9.	Total Hardness as CaCO ₃	mg/l	271.8	200(Max.600)	IS:3025(Part-21) 2009
10.	Calcium as Ca ⁺⁺	mg/l	39.6	75(Max.200)	IS:3025 (Part-40) 2003
11.	Magnesium as Mg ⁺⁺	mg/l	42.01	30(Max.100)	IS:3025 (Part-46) 2003
12.	Total Alkalinity as CaCO ₃	mg/l	90.2	200	IS:3025(Part-23) 2009
13.	Chloride as Cl ⁻	mg/l	14.4	250	IS:3025 (Part-32) 1988
14.	Total Iron as Fe	mg/l	0.4	1.0	IS:3025 (Part-53) 2003
15.	Nitrate as NO ₃ ⁻	mg/l	2.3	45	IS:3025 (Part 34) 1988
16.	Sulphate as SO ₄ ⁻	mg/l	13.2	200	IS:3025 (Part 24) 1986
17.	Fluoride as F ⁻	mg/l	BDL (DL=0.1)	1.0 (Max.1.5)	IS:3025 (Part-60) 2008
18.	Free Residual Chlorine	mg/l	BDL (DL=0.2)	0.2(Max.1.0)	IS:3025 (Part-26) 1986

*Water Sample submitted in Lab by Client Self in Unsterilized bottle.

BDL=Below Detection Limit

Remarks: The above water sample conforms to IS: 10500-2012 (Second Revision), Drinking Water Specification with respect to the Physicochemical test conducted. (Total hardness & Magnesium are exceeding the acceptable limit but within maximum permissible limit.)

(Authorised Signatory)

UNIVERSAL RESEARCH LABORATORY SERVICES
 THE PRINCIPAL
 केंद्रीय विद्यालय/Kendriya Vidyalaya
 सीआरपीएफ/CRPF
 लखनऊ/Lucknow

+91-9450387301, +91-9569922950
 info@universalresearchlab.com

universalresearchlab.com

GROUND FLOOR, RAJ MARKET, DEVA ROAD, GANESHPUR, REHMANPUR, CHINHAT, LUCKNOW-226028