

## UNIVERSAL RESEARCH

## **Test Report** (AN ISO 9001:2015 Certified Laboratory)

Report No.

01/URLS-689/B/2023

Sample Code Sample Source URLS-689/B

Date of Report : 02/02/2023 Received On : 27/01/2023

Sample Condition

BOREWELL WATER Sealed/Satisfactory

Sample Quantity: 1 Litre Sample Location : CAMPUS

Customer's name Address

THE PRINCIPAL,

KENDRIYA VIDYALYA,

CRPF COLONY, BIINORE.

LUCKNOW-226008

	LUCK	11011-2201	308.		
SI. No.	PARAMETER TESTED	UNITS	RESULT	IS: 10500-2012 Drinking water specification (Second Revision)	
11.5	BACTERIOLOGIC	AL 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.	E. coli in 100 ml of sample		Not Detected	Shall not be detectable in any 100ml. sample	

<sup>\*</sup>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.



प्राचाय/PRINCIPAL ेन्दीय विद्यालय/Kendriya Vidyalay खेल्यासम्पर्कण्य JET-THALucionow





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## UNIVERSAL RESEARCH LABORATORYSERVICES

## **Test Report** (AN ISO 9001:2015 Certified Laboratory)

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**BOREWELL WATER** 

Sealed/Satisfactory

Date of Report : 02/02/2023 Received On :27/01/2023 Sample Quantity: 1 Litre

Sample Location: CAMPUS

Customer's name Address

THE PRINCIPAL, KENDRIYA VIDYALYA,

CRPF COLONY, BIJNORE,

LUCKNOW-226008.

Sl. No.	PARAMETER TESTED	UNITS	RESULT	IS: 10500-2012  Drinking water specification  (Second Revision)		
	PHYSICO-CHEMICAL		Acceptable Limit	TEST METHOD		
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 CaCO3	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 CaCO3	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 <sub>3</sub> -	mg/l	2.3	45	IS:3025 (Part 34) 1988	
16.	Sulphate as SO <sub>4</sub> -	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	

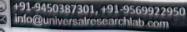
\*Water Sample submitted in Lab by Client Self in Unsterilized bottle.

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 Signafory) GLADARINGIPAL pisam faabidheesthya vidyalaya affestive Boy FOICRPF de Ferrant ucknow



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