



UNIVERSAL RESEARCHTM LABORATORY SERVICES

Test Report

(AN ISO 9001:2015 Certified Laboratory)

Report No. : 06/URLS-225/B/2022
Sample Code : URLS-225/B
Sample Source : Raw Water (Borewell)
Sample Status : Satisfactory

Date of Report : 30/06/2022
Received On : 27/06/2022
Sample Quantity: 750 ml.

Customer's name : THE PRINCIPAL,
Address : VIDYA GYAN SCHOOL,
Sidhauri,
Sitapur (U.P.)-261303.

Sl. No.	PARAMETER TESTED	UNITS	RESULT	IS: 10500-2012 Drinking water specification (Second Revision)	
PHYSICO-CHEMICAL				Acceptable Limit	TEST METHOD
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	-	7.89	6.5-8.5	IS:3025 (Part-11) 1983
6.	Total Dissolved Solids	mg/l	263	500	IS:3025 (Part-16) 2006
7.	Total Hardness as CaCO ₃	mg/l	198	200(Max.600)	IS:3025(Part-21) 2009
8.	Calcium as Ca ⁺⁺	mg/l	49.7	75(Max.200)	IS:3025 (Part-40) 2003
9.	Magnesium as Mg ⁺⁺	mg/l	17.9	30(Max.100)	IS:3025 (Part-46) 2003
10.	Total Alkalinity as CaCO ₃	mg/l	62.1	200	IS:3025(Part-23) 2009
11.	Chloride as Cl ⁻	mg/l	32.3	250(Max.1000)	IS:3025 (Part-32) 1988
12.	Total Iron as Fe	mg/l	0.53	1.0	IS:3025 (Part-53) 2003
13.	Nitrate as NO ₃ ⁻	mg/l	1.8	45	IS:3025 (Part 34) 1988
14.	Sulphate as SO ₄ ⁻²	mg/l	8.2	200(Max.400)	IS:3025 (Part 24) 1986
15.	Fluoride as F ⁻	mg/l	0.5	1.0 (Max.1.5)	IS:3025 (Part-60) 2008
16.	Free Residual Chlorine	mg/l	BDL(DL=0.2)	0.2(Max.1.0)	IS:3025 (Part-26) 1986
BACTERIOLOGICAL				Acceptable Limit	IS:1622-1981
17.	Total Coliform (MPN/100ml)		Not Detected	Shall not be detectable in any 100ml. sample	
18.	Faecal Coliform (MPN/100ml)		Not Detected	Shall not be detectable in any 100ml. sample	
19.	<i>E. coli</i> in 100 ml of sample		Not Detected	Shall not be detectable in any 100ml. sample	

BDL=Below Detection Limit

*Sample collected by party.

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)

Shaligram
Principal
Vidya Gyan School
Suraincha, Sidhauri
Sitapur (U.P.)

[Signature]
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UNIVERSAL RESEARCH LABORATORY SERVICES

Test Report
(AN ISO 9001:2015 Certified Laboratory)

Report No. : 06/URLS-226/B/2022
Sample Code : URLS-226/B
Sample Source : WTP Water
Sample Status : Satisfactory

Date of Report : 30/06/2022
Received On : 27/06/2022
Sample Quantity: 750 ml.

Customer's name : THE PRINCIPAL,
Address : VIDYA GYAN SCHOOL,
Sidhauri,
Sitapur (U.P.)-261303.

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)2000
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	-	8.23	6.5-8.5	IS:3025 (Part-11) 1983
6.	Total Dissolved Solids	mg/l	255	500 (Max.2000)	IS:3025 (Part-16) 2006
7.	Total Hardness as CaCO ₃	mg/l	186	200(Max.600)	IS:3025(Part-21) 2009
8.	Calcium as Ca ⁺⁺	mg/l	50.8	75(Max.200)	IS:3025 (Part-40) 2003
9.	Magnesium as Mg ⁺⁺	mg/l	16.8	30(Max.100)	IS:3025 (Part-46) 2003
10.	Total Alkalinity as CaCO ₃	mg/l	54.3	200	IS:3025(Part-23) 2009
11.	Chloride as Cl ⁻	mg/l	34.2	250	IS:3025 (Part-32) 1988
12.	Total Iron as Fe	mg/l	0.52	1.0	IS:3025 (Part-53) 2003
13.	Nitrate as NO ₃ ⁻	mg/l	2.1	45	IS:3025 (Part 34) 1988
14.	Sulphate as SO ₄ ⁻²	mg/l	10.8	200	IS:3025 (Part 24) 1986
15.	Fluoride as F ⁻	mg/l	0.4	1.0 (Max.1.5)	IS:3025 (Part-60) 2008
16.	Free Residual Chlorine	mg/l	BDL(DL=0.2)	0.2(Max.1.0)	IS:3025 (Part-26) 1986
BACTERIOLOGICAL					
17.	Total Coliform (MPN/100ml)		Not Detected	Not Detected	IS:1622-1981
18.	Faecal Coliform (MPN/100ml)		Not Detected	Not Detected	IS:1622-1981
19.	E. coli in 100 ml of sample		Not Detected	Not Detected	IS:1622-1981

*BDL- Below Detectable Limit.

*Sample Collected by party.

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

Shaligram
Principal
Vidya Gyan School
Suraincha, Sidhauri
Sitapur (U.P.)

[Signature]
Administrator
Vidya Gyan School
Sitapur





UNIVERSAL RESEARCHTM LABORATORY SERVICES

Test Report (AN ISO 9001:2015 Certified Laboratory)

Report No. : 06/URLS-227/B/2022 Date of Report : 30/06/2022
Sample Code : URLS-227/B Received On : 27/06/2022
Sample Source : Drinking RO Water Sample Quantity: 750 ml.
Sample Status : Satisfactory

Customer's name : THE PRINCIPAL,
Address : VIDYA GYAN SCHOOL,
Sidhauri,
Sitapur (U.P.)-261303.

IS: 10500-2012

Drinking water specification
(Second Revision)

Sl. No.	PARAMETER TESTED	UNITS	RESULT	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	-	8.28	6.5-8.5	IS:3025 (Part-11) 1983
6.	Total Dissolved Solids	mg/l	252	500 (Max 2000)	IS:3025 (Part-16) 2006
7.	Total Hardness as CaCO ₃	mg/l	184	200(Max 600)	IS:3025(Part-21) 2009
8.	Calcium as Ca ⁺⁺	mg/l	49.1	75(Max 200)	IS:3025 (Part-40) 2003
9.	Magnesium as Mg ⁺⁺	mg/l	15.9	30(Max 100)	IS:3025 (Part-46) 2003
10.	Total Alkalinity as CaCO ₃	mg/l	69.8	200	IS:3025(Part-23) 2009
11.	Chloride as Cl	mg/l	28.5	250	IS:3025 (Part-32) 1988
12.	Total Iron as Fe	mg/l	0.24	1.0	IS:3025 (Part-53) 2003
13.	Nitrate as NO ₃	mg/l	BDL (DL=1.0)	45	IS:3025 (Part 34) 1988
14.	Sulphate as SO ₄	mg/l	6.2	200	IS:3025 (Part 24) 1986
15.	Fluoride as F	mg/l	BDL(DL=0.1)	1.0 (Max 1.5)	IS:3025 (Part-60) 2008
16.	Free Residual Chlorine	mg/l	BDL(DL=0.2)	0.2(Max 1.0)	IS:3025 (Part-26) 1986
BACTERIOLOGICAL				Acceptable Limit	IS:1622-1981
17.	Total Coliform (MPN/100ml)		Not Detected	Shall not be detectable in any 100ml. sample	
18.	Faecal Coliform (MPN/100ml)		Not Detected	Shall not be detectable in any 100ml. sample	
19.	E. coli in 100 ml of sample		Not Detected	Shall not be detectable in any 100ml. sample	

BDL=Below Detection Limit.

*Sample collected by party.

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

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