



# UNIVERSAL RESEARCH<sup>TM</sup>

## LABORATORY SERVICES

### TEST REPORT


Report No.	WAURLS2300000244	Date	27.06.2023
1. Name & Address of Customer	The Principal, Vidya Gyan School, Sidhouli, Sitapur (U.P.) -261303		
2. Reference No.	T.R.F. Dated 22.06.23, 000187		
3. Material Identification with Details	Water; 1 Litre		
4. Source / Location	Drinking RO Water/ School Premise,		
5. Sampled by /Condition of Sample	School Authority/Sealed & Satisfactory		
6. Date of Sample Receipt	22.06.2023		
7. Date of Sample Registration	22.06.2023		
8. Date of Sample Testing	23.06.2023 to 27.06.2023		
9. Environmental Conditions	Room Temperature (°C): - 25.8	Relative Humidity (%): - 47	

### RESULTS

S. No.	Name of Test	Method of Test	Test Result	IS 10500:2012 Drinking Water Specification (Second Revision)
Discipline- Biological				
Group- Water				
1	Total Coliform (MPN/100ml)	IS:1622-1981	Not Detected	Shall not be detectable
2	Faecal Coliform (MPN/100ml)	IS:1622-1981	Not Detected	Shall not be detectable
3	E.Coli in 100 ml Sample	IS:1622-1981	Not Detected	Shall not be detectable

Remarks: The Sample Conforms to IS 10500:2012 (Second Revision) Drinking Water Specifications with respect to the tests conducted.

  
**Administrator**  
Vidya Gyan School  
Sitapur

  
**Principal**  
Vidya Gyan School  
Suraincha, Sidhauili  
Sitapur (U.P.)

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4. Source / Location	Drinking RO Water/ School Premise,		
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9. Environmental Conditions	Room Temperature (°C): - 25.8		Relative Humidity (%): - 47

### RESULTS

S. No.	Name of Test	Method of Test	Test Result	Units	IS 10500:2012 Drinking Water Specification (Second Revision)
<b>Discipline- Chemical</b>					
<b>Group- Water</b>					
1	Odour	IS:3025 (Part 05) 1988	Agreeable	-	Agreeable (No Relax.)
2	Taste	IS:3025 (Part 08) 1988	Agreeable	-	Agreeable (No Relax.)
3	Color	IS:3025 (Part 04) 1983	BLQ (LOQ=0.5)	Hazen	5.0
4	Turbidity	IS:3025 (Part 10) 1996	BLQ (LOQ=0.1)	NTU	1.0 (Max. 5.0)
5	pH value	IS:3025 (Part 11) 1983	7.13	-	6.5-8.5 (No Relax.)
6	Total Dissolved Solids	IS:3025 (Part-16) 2006	68	mg/l	500 (Max.2000)
7	Total Hardness as CaCO <sub>3</sub>	IS:3025(Part-21) 2009	21.8	mg/l	200 (Max. 600)
8	Calcium as Ca <sup>++</sup>	IS:3025 (Part-40) 2003	5.8	mg/l	75 ((Max. 200)
9	Magnesium as Mg <sup>++</sup>	IS:3025 (Part-46) 2003	1.8	mg/l	30 (Max.100)
10	Total Alkalinity as CaCO <sub>3</sub>	IS:3025(Part-23) 2009	13.6	mg/l	200 (Max. 400)
11	Chloride as Cl <sup>-</sup>	IS:3025 (Part-32) 1988	18.7	mg/l	250 (Max.1000)
12	Total Iron as Fe	IS:3025 (Part-53) 2003	0.17	mg/l	1.0 (No Relax.)
13	Nitrate as NO <sub>3</sub> <sup>-</sup>	IS:3025 (Part 34) 1988	BLQ (LOQ=1.0)	mg/l	45 (No Relax.)
14	Sulphate as SO <sub>4</sub> <sup>-</sup>	IS:3025 (Part 24) 1986	4.7	mg/l	200 (Max. 400)
15	Fluoride as F <sup>-</sup>	IS:3025 (Part-60) 2008	BLQ (LOQ=0.1)	mg/l	1.0 (Max. 1.5)
16	Free Residual Chlorine	IS:3025 (Part-26) 1986	BLQ (LOQ=0.2)	mg/l	0.2 (Max. 1.0)
17	Silica as SiO <sub>2</sub>	IS:3023 (Part 35) 1988	BLQ (LOQ=1.0)	mg/l	-NS-

BLQ=Below Limit of Quantification, LOQ= Limit of Quantification, NS= Not Specified.

**Remarks:** The Sample Conforms to IS 10500:2012 (Second Revision) Drinking Water Specifications with respect to tests conducted

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\*End of Report\*



*[Signature]*  
**Administrator**  
Vidya Gyan School

*[Signature]*  
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Suraincha, Sidhouli  
Sitapur (U.P.)





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2. Reference No.	T.R.F. Dated 22.06.23, 000187		
3. Material Identification with Details	Water; 1 Litre		
4. Source / Location	Borewell Water/ School Premise,		
5. Sampled by /Condition of Sample	School Authority/Sealed & Satisfactory		
6. Date of Sample Receipt	22.06.2023		
7. Date of Sample Registration	22.06.2023		
8. Date of Sample Testing	23.06.2023 to 27.06.2023		
9. Environmental Conditions	Room Temperature (°C): - 25.8	Relative Humidity (%): - 47	

## RESULTS

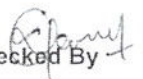
S. No.	Name of Test	Method of Test	Test Result	IS 10500:2012 Drinking Water Specification (Second Revision)
Discipline- Biological				
Group- Water				
1	Total Coliform (MPN/100ml)	IS:1622-1981	Not Detected	Shall not be detectable
2	Faecal Coliform (MPN/100ml)	IS:1622-1981	Not Detected	Shall not be detectable
3	E.Coli in 100 ml Sample	IS:1622-1981	Not Detected	Shall not be detectable

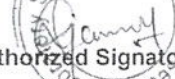
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2. Reference No.	T.R.F. Dated 22.06.23, 000187		
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4. Source / Location	Borewell Water/ School Premise,		
5. Sampled by /Condition of Sample	School Authority/Sealed & Satisfactory		
6. Date of Sample Receipt	22.06.2023		
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8. Date of Sample Testing	23.06.2023 to 27.06.2023		
9. Environmental Conditions	Room Temperature (°C): - 25.8	Relative Humidity (%): - 47	

## RESULTS

S. No.	Name of Test	Method of Test	Test Result	Units	IS 10500:2012 Drinking Water Specification (Second Revision)
Discipline- Chemical					
Group- Water					
1	Odour	IS:3025 (Part 05) 1988	Agreeable	-	Agreeable (No Relax.)
2	Taste	IS:3025 (Part 08) 1988	Agreeable	-	Agreeable (No Relax.)
3	Color	IS:3025 (Part 04) 1983	BLQ (LOQ=0.5)	Hazen	5.0
4	Turbidity	IS:3025 (Part 10) 1996	0.8	NTU	1.0 (Max. 5.0)
5	pH value	IS:3025 (Part 11) 1983	7.96	-	6.5-8.5 (No Relax.)
6	Total Dissolved Solids	IS:3025 (Part-16) 2006	232	mg/l	500 (Max.2000)
7	Total Hardness as CaCO <sub>3</sub>	IS:3025(Part-21) 2009	182	mg/l	200 (Max. 600)
8	Calcium as Ca <sup>++</sup>	IS:3025 (Part-40) 2003	37.9	mg/l	75 ((Max. 200)
9	Magnesium as Mg <sup>++</sup>	IS:3025 (Part-46) 2003	21.2	mg/l	30 (Max.100)
10	Total Alkalinity as CaCO <sub>3</sub>	IS:3025(Part-23) 2009	21.3	mg/l	200 (Max. 400)
11	Chloride as Cl <sup>-</sup>	IS:3025 (Part-32) 1988	14.9	mg/l	250 (Max.1000)
12	Total Iron as Fe	IS:3025 (Part-53) 2003	0.74	mg/l	1.0 (No Relax.)
13	Nitrate as NO <sub>3</sub> <sup>-</sup>	IS:3025 (Part 34) 1988	1.1	mg/l	45 (No Relax.)
14	Sulphate as SO <sub>4</sub> <sup>-</sup>	IS:3025 (Part 24) 1986	21.4	mg/l	200 (Max. 400)
15	Fluoride as F <sup>-</sup>	IS:3025 (Part-60) 2008	0.4	mg/l	1.0 (Max. 1.5)
16	Free Residual Chlorine	IS:3025 (Part-26) 1986	BLQ (LOQ=0.2)	mg/l	0.2 (Max. 1.0)
17	Silica as SiO <sub>2</sub>	IS:3023 (Part 35) 1988	6.8	mg/l	-NS-

BLQ=Below Limit of Quantification, LOQ= Limit of Quantification, NS= Not Specified.

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3. Material Identification with Details	Water; 1 Litre		
4. Source / Location	WTP Water/ School Premise,		
5. Sampled by /Condition of Sample	School Authority/Sealed & Satisfactory		
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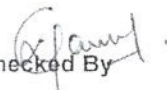
S. No.	Name of Test	Method of Test	Test Result	IS 10500:2012 Drinking Water Specification (Second Revision)
Discipline- Biological				
Group- Water				
1	Total Coliform (MPN/100ml)	IS:1622-1981	Not Detected	Shall not be detectable
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2	Taste	IS:3025 (Part 08) 1988	Agreeable	-	Agreeable (No Relax.)
3	Color	IS:3025 (Part 04) 1983	BLQ (LOQ=0.5)	Hazen	5.0
4	Turbidity	IS:3025 (Part 10) 1996	0.5	NTU	1.0 (Max. 5.0)
5	pH value	IS:3025 (Part 11) 1983	7.98	-	6.5-8.5 (No Relax.)
6	Total Dissolved Solids	IS:3025 (Part-16) 2006	243	mg/l	500 (Max.2000)
7	Total Hardness as CaCO <sub>3</sub>	IS:3025(Part-21) 2009	182	mg/l	200 (Max. 600)
8	Calcium as Ca <sup>++</sup>	IS:3025 (Part-40) 2003	33.5	mg/l	75 ((Max. 200)
9	Magnesium as Mg <sup>++</sup>	IS:3025 (Part-46) 2003	23.9	mg/l	30 (Max.100)
10	Total Alkalinity as CaCO <sub>3</sub>	IS:3025(Part-23) 2009	27.2	mg/l	200 (Max. 400)
11	Chloride as Cl <sup>-</sup>	IS:3025 (Part-32) 1988	13.1	mg/l	250 (Max.1000)
12	Total Iron as Fe	IS:3025 (Part-53) 2003	0.32	mg/l	1.0 (No Relax.)
13	Nitrate as NO <sub>3</sub> <sup>-</sup>	IS:3025 (Part 34) 1988	1.3	mg/l	45 (No Relax.)
14	Sulphate as SO <sub>4</sub> <sup>-</sup>	IS:3025 (Part 24) 1986	15.5	mg/l	200 (Max. 400)
15	Fluoride as F <sup>-</sup>	IS:3025 (Part-60) 2008	0.55	mg/l	1.0 (Max. 1.5)
16	Free Residual Chlorine	IS:3025 (Part-26) 1986	BLQ (LOQ=0.2)	mg/l	0.2 (Max. 1.0)
17	Silica as SiO <sub>2</sub>	IS:3023 (Part 35) 1988	5.4	mg/l	-NS-

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