

User Information

Name THE PRINCIPAL ST. XAVIER'S HIGH SCHOOL, BHAKURGUDA Mobile 8247322753
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 Full Address ST. XAVIER'S HIGH SCHOOL, BHAKURGUDA

Sample Description

Source of Sample BORE WELL / TUBE WELL Village BHAKURGUDA
 Gram Panchayat KOTHAPETA Block RAYAGADA
 District RAYAGADA State ODISHA
 Address BHAKURGUDA Remarks Raw Water

Latitude

Longitude

Sample Package Condition

a) Quantity of Sample received: 1.00 Ltr
 b) Type of Container - PET
 Sampling Protocol: Samples are not collected by this Laboratory

Date & Time of Sample Collection

05.01.2026 : 02.00 pm

Date & Time of Sample Received in Lab

05.01.2026 : 04.00 pm

Date & Time of Sample analysed

06.01.2026 : 05.00 pm

Date & Time of report generation

08.01.2026 : 10.30 am

Test Results

Sl. No	Parameter Tested	Unit of Measurement	Requirement (Acceptable Limit) as per BIS 10500	Permissible Limit (in absence of alternate source) as per BIS 10500	Test Result Value	Remarks
1	Calcium (as Ca)	mg/l	75	200	40.080	
2	Chloride as (Cl)	mg/l	250	1000	52.000	
3	Colour	Hazen Units	5	15	<5	

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L. No	Parameter Tested	Unit of Measurement	Requirement (Acceptable Limit) as per BIS 10500	Permissible Limit (in absence of alternate source) as per BIS 10500	Test Result Value	Remarks
4	Conductivity	micromhos per centimeter / microsiemens per centimeter	NA	NA	209.230	
5	E.Coli	CFU / 100 ml	Shall not be detectable in any 100 ml sample	No Relaxation	0.000	
6	Fluoride (as F)	mg/l	1	1.5	0.290	
7	Iron (As Fe)	mg/l	1	No Relaxation	0.047	
8	Magnesium (As Mg)	mg/l	30	100	16.520	
9	Odour	NA	Agreeable	Agreeable	Acceptable	
10	pH	NA	6.5-8.5	No Relaxation	6.510	
11	Taste	NA	Agreeable	Agreeable	Not Tested	
12	TDS	mg/l	500	2000	136.000	
13	Temperature	NA	NA	NA	23.200	
14	Total Alkalinity (as Calcium Carbonate)	mg/l	200	600	136.000	
15	Total Coliform	CFU / 100 ml	Shall not be detectable in any 100 ml sample	No Relaxation	0.000	
16	Total Hardness (As CaCO ₃)	mg/l	200	600	168.000	
17	Turbidity	NTU	1	5	0.510	

Note:

- 1)*Indicates parameters that are NABL accredited
- 2) This test results relates to the sample tested above.
- 3) The report shall not be reproduced in full without approval of authority
- 4) This is the end of the report

08/10/2026

St. Xavier's Sr. Secondary School
Rayagada

Satya Narayana Mahapatro (Test Lab-Incharge)

1st Jeevan Mission aims at potable tap water supply to every home

Let's join hands to ensure drinking water is potable. It helps in preventing water borne diseases and improved public health.

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