

SUB-DIVISIONAL WATER TESTING LABORATORY

RWS&S SUB-DIVISION, JAJPUR.

email : rwsddljajpur@gmail.com



WATER ANALYSIS REPORT



NABL-DWT-01330

Test Report No. SDWTIJ - TR/78 / 2026-27 / S-01/ S-01

Date of Issue :- 05.08.2026

Date of Issue :- 03.08.2026

Sample Particulars		Details of Sampling	
Name of Customer :- "Principal" St.Xavier High School Krushnakanta Vihar,Mangalpur,Jajpur. 755011		Type of Source:-	Ground Water
		Date of Sampling:-	03.08.2026
		Sample receive date/ Time: - Vide letter No.	Nil / (12.00 PM)
			03.08.2026
Sample Package Condition:- a) Quantity of Sample Received – 500ml b) Type of Container :- pp c) Sealed / Unsealed : Sealed		Sample Registration Date:-	03.08.2026
		Sampling Protocol:-	Samples are not collected by this Laboratory.
		Sample Collected by:-	Not Specified
		Sample Location:-	"St.Xavier High School" Krushnakanta Vihar, Mangalpur, Jajpur. 755011
Test Start Date :		04.08.2026	Test End Date : 05.08.2026
Testing Protocol :			As per APHA

TEST RESULT

Sl. No.	Test Parameters	Units	Results	Requirements IS 10500 : 2012		Test Method
				Acceptable Limit	Permissible Limit in absence of alternate source	
1	Temperature *	°C	1.- 25.1°C			Laboratory & Field Method (APHA, 23rd Ed.- 2550 B)
2	Colour	CU	1.- 1.0	5 CU	15 CU	Visual Comparison Method (APHA, 23rd Ed.- 2120 B)
3	Odour		1.- Agreeable	Agreeable	Agreeable	Observation Method (APHA, 23rd Ed - . 2150 B)
4	Taste		1.- Agreeable	Agreeable	Agreeable	Observation Method (APHA, 23rd Ed - . 2160 B)
5	p ^H	pH Unit	1.- 7.03	6.5 to 8.5	No relaxation	Electrometric Method, (APHA 23rd Ed 4500-H+ B)



6	Turbidity	NTU	1.- 0.59	1.0	5.0	Nephelometric Method (APHA 23rd Ed. - 2130. B)
7	Conductivity *	$\mu\text{S/cm}$	1.- 341.9		1000	Laboratory Method (APHA 23rd Ed. - 2510 B)
8	TDS	Mg/L	1.- 222	500	2000	Gravimetric/ Instrumental Method (APHA 23rd Ed 2540 C)
9	Chloride	Mg/L	1.- 32	250	1000	Argentometric Method (APHA 23rd Ed 4500 – Cl- B)
10	Total Alkalinity (as CaCO_3)	Mg/L	1.- 78	200	600	Titration Method (APHA 23rd Ed. - 2320 B)
11	Iron *	Mg/L	1.- 0.101	1.0	No relaxation	Phenanthroline Method (APHA 23rd Ed 3500-Fe B)
12	Fluoride *	Mg/L	1.- 0.159	1.0	1.5	SPADNS Method (APHA 23rd Ed 4500-F ⁻ D)
13	Total Hardness (as CaCO_3)	Mg/L	1.- 102	200	600	EDTA Titrimetric Method (APHA 23rd Ed 2340 C)
14	Calcium (as Ca)	Mg/L	1.- 24.05	75	200	EDTA Titrimetric Method (APHA 23rd Ed -3500 Ca B)
15	Magnesium (as Mg)	Mg/L	1.- 10.21	30	100	Calculation Method (APHA 23rd Ed -3500 Mg B)
16	Total Coliform Bacteria *	MPN/ 100ml	1.- <1	Shall not be detectable in any 100 ml Samples		MPN Method (APHA 23rd Ed -9221 B)

Note :- Unless otherwise stated the results shown in this test report refer only to the samples tested and such samples are retain for 30 days from date of issue of report. This report shall not be reported except in full without prior written approval of the Sub-Divisional water testing laboratory, Jaipur.

* The parameters are not Recognised by NABL


 Laboratory Chemist
 (Authorized Signatory)
 RWS&S Sub-Divisional Water Testing Laboratory,
 RWS&S Sub-Division, Jaipur,
 Laboratory, Jaipur,

.....End of Report



PROFORMA FOR SAFE DRINKING WATER AND SANITARY CONDITION
CERTIFICATE

Letter No. 251 //Date. 19/09/2026

It is certified that an inspection team headed by Er. Swornaprava Rout from Assistant Engineer, R.W.S & S Section, Dasarathpur inspected the **St. Xavier's High School, Krushankanta Vihar, Mangalpur on 05.08.2026** and found that the St. Xavier's High School, Krushankanta Vihar, Mangalpur has safe drinking water facilities for the student and members of staff of the institution and is maintaining the hygienic sanitation condition in the school building & the campus as per norms prescribed by the Central/ State/ U.T. Govt.

The above is valid for a period of: - **1 Years**


Asst. Executive Engineer
R.W.S & S, Sub-Division
Jajpur

Signature with Seal:.....**Jajpur**.....

Name: - Er. Niranjana Behera
Designation: - Assistant Executive Engineer,
R.W.S & S, Sub-Division, Jajpur.

To,

St. Xavier High School,
At: - Krushankanta Vihar, P.O:- Mangalpur
Dist: - Jajpur,
Pin: - 755011.