

SUB-DIVISIONAL WATER TESTING LABORATORY
RWS&S SUB-DIVISION, JAJPUR.

email : rwsssdlijajpur@gmail.com



WATER ANALYSIS REPORT



Test Report No. SDWTLJ - TR/ 265 / 2024-25 / S-01/S-01

Date of Issue :- 12.03.2025

Sample Particulars

Details of Sampling

Name of Customer :-	"Principal" St.Xavier High School Krushnakanta Vihar Mangalpur, Jjpur 755011	Type of Source:-	Ground Water
		Date of Sampling:-	10.03.2025
		Sample receive date/ Time: - Vide letter No.	10.03.2025 / (10:45 AM)
		It. No.	/Dt. 10.03.25

Sample Package Condition:-

a) Quantity of Sample Received – 500ml

b) Type of Container :- pp

c) Sealed / Unsealed : Sealed

Test Start Date :

11.03.2025

Test End Date : 12.03.2025

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.- 25.4°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.- 7.01	6.5 to 8.5	No relaxation	Electrometric Method, (APHA 23rd Ed 4500-H+ B)

6	Turbidity	NTU	1.- 0.61	1.0	5.0	Nephelometric Method (APHA 23rd Ed. - 2130. B)
7	Conductivity *	µS/cm	1.- 346.3		1000	Laboratory Method (APHA 23rd Ed. - 2510 B)
8	TDS	Mg/L	1.- 225	500	2000	Gravimetric Method, (APHA 23rd Ed 2540 C)
9	Chloride	Mg/L	1.- 22	250	1000	Argentometric Method (APHA 23rd Ed 4500 - Cl- B)
10	Total Alkalinity (as CaCO ₃)	Mg/L	1.- 82	200	600	Titration Method (APHA 23rd Ed. - 2320 B)
11	Iron *	Mg/L	1.- 0.103	1.0	No relaxation	Phenanthroline Method (APHA 23rd Ed 3500-Fe B)
12	Fluoride *	Mg/L	1.- 0.168	1.0	1.5	SPADNS Method (APHA 23rd Ed 4500-F ⁻ D)
13	Total Hardness (as CaCO ₃)	Mg/L	1.- 96	200	600	EDTA Titrimetric Method (APHA 23rd Ed 2340 C)
14	Calcium (as Ca)	Mg/L	1.- 22.44	75	200	EDTA Titrimetric Method (APHA 23rd Ed -3500 Ca B)
15	Magnesium (as Mg)	Mg/L	1.- 09.72	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, Jajpur.

* The parameters are not Recognised by NABL

SB 1213195
Laboratory Assistant,
(Authorized Signatory)
RWS&S Sub-Divisional Water Testing
Laboratory, Jajpur.
RWS&S Sub-Divisional Water Testing Laboratory, Jajpur.

.....End of Report

PROFORMA FOR SAFE DRINKING WATER AND SANITARY CONDITION CERTIFICATE

No. 21

Dated: 9/7/24

It is certified that an inspection team headed by Dr. Manoj Kumar Behera
(Name of Officers with designation) from Assistant Engineer, R.W.S.S Section
(Name of Department/ Office) inspected the S.T. Xavier's High School, Dwarakpur, Mangalpuri
(Name & Address of the school) on 6/7/24 (date of inspection) and found that the
S.T. Xavier's High School (Name of school) has safe drinking water facilities
for the students 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 3 Years

Asst. Executive Engineer
Signature with Seal:
Name Dr. B. K. Sharma R.W.S & S. Sub-Division
Designation Asst. Executive Engineer
Name & Address of the Office /Department: Jaipur

To

S.T. Xavier's High School
Mangalpuri, Jaipur

(Name & Address of the Institution)

* The filled-up certificate should be either in Hindi or English. If it is issued in vernacular language, translated notarized version in English be uploaded along with the original vernacular certificate as a single pdf.