

**GOVERNMENT OF ODISHA**  
**OFFICE OF THE JOINT DIRECTOR CUM CHIEF FOOD ANALYST**  
State food testing laboratory, convent square, Near Ram Mandir, Bhubaneswar-1

No. 268 /JDCFA/SFTL,

Bhubaneswar,

the 4<sup>th</sup> Feb , 2025

To,  
St Xavier's Public School  
Karanjia, Dist – Mayurbhanj  
Sub: Analysis report of water sample.

Report No	Nature/Name of sample submitted for analysis	Collected/Sent by	Reference No & date of Receipt
	Borewell Water	St Xavier's Public School	268 , 07-06-2025

**ANALYSIS REPORT**

The sample of water falling under regulation No. 2.10.9 of food Safety and standards (Food products and Food Additive) regulations , 2011 received on 04-06-2025 has been caused to be analysed and the findings are as under:-

- i) Sample Descriptions: - Borewell Water
- ii) Physical Appearance : - Water dirt & foreign matter: - Nil, other visible contaminants: - Nil

Sl No	Quality Characteristics	Name of Method of Test used	Result	Prescribed standards as per a. As per provisions of the Act, and the rules and regulations made there under b. As per label declaration for proprietary food
1.	Colour	FSSAI MANUAL	Agreeable	5 hazen units
2.	Odour		Agreeable	Agreeable
3.	Taste		Agreeable	Agreeable
4.	Turbidity		Nil	1 NTU (Max.)
5.	pH		7.0	6.5 – 8.5
6.	Nitrates (as NO <sub>3</sub> )		Nil	Not more than 45mg/lit
7.	Nitrates (as NO <sub>2</sub> )		Nil	Not more than 0.02mg/lit
8.	Iron (as Fe)		Nil	Not more than 0.03mg/lit
9.	Chloride (as Cl)		18.0mg/lit	Not more than 250mg/lit
10.	Residual Free chlorine		Nil	Not more than 0.02mg/lit
11.	Sulphate (as SO <sub>4</sub> )		Nil	Not more than 200mg/lit
12.	Total Alkalinity (as HCO <sub>3</sub> )		66.0mg/lit	Not more than 600mg/lit
13.	Total Hardness (as CaCO <sub>3</sub> )		56.0mg/lit	Not more than 600mg/lit
14.	Total dissolved Solids		82.4mg/lit	Not more than 500mg/lit
15.	MPN of coliform group of organisms per 100ml		Absent	Absent
16.	Test for E.coli		Negative	Negative

REMARKS: The sample of water is conforms to the prescribed standard under FSSAct ,2006 based on the tests performed.

Dated –  
State Food Testing laboratory,  
Bhubaneswar - 1



**Manager**  
St. Xavier's Public School  
Karanjia, Mayurbhanj

**Food Analyst**  
**GOVT. OF ODISHA**  
Govt. of Odisha