

**GOVERNMENT OF ODISHA**  
**OFFICE OF THE DEPUTY DIRECTOR CUM PUBLIC ANALYST**  
**State Public Health Laboratory, Bhubaneswar-1, Odisha.**

No. 1089 /DDFA. Dated Bhubaneswar the 12 th 10 '2017

To

The St.Xavier's High School,  
V.S.S. Nagar, Bhubaneswar

Sub:-Analysis report of water

Report No.	Source:-	Collected / Sent by	Reference No.& Date of Collection/Receipt	Date of Examination
585/17	Bore well water	A.Mohanty	31.08.17	31.08.17

*Chemical Analysis and Bacteriological Examination of Water*

*The sample of water from above source has been caused to be analysed and the findings are as under:-*

Physical Examination				Chemical Examination			
Sl. No.	Test/Characteristic	Result	Permissible Limit as per IS:10500:2012	Sl. No.	Test/Characteristic	Result mg./ ltr. (ppm)	Permissible Limit as per IS:10500:2012
1	Colour	Nil	Agreeable	1	Total hardness as CaCO <sub>3</sub> .(mg/l)	66	200mg/l Max.
2	Odour	Nil	Agreeable	2	Iron (as Fe) (mg/l)	Nil	1.0 mg/l Max.
3	Turbidity	Nil	1 NTU max.	3	Chloride (as Cl). (mg/L)	38	250 mg/l Max.
4	p <sup>H</sup>	7.5	6.5 to 8.5	4	Residual free Chlorine(mg/l)	Nil	0.2 mg/l Max.
Bacteriological Examination				5	Sulphate as SO <sub>4</sub> (mg/l)	Nil	200 mg/l Max.
Sl. No.	Test/Characteristic	Result	Permissible Limit as per IS:10500:2012	6	Total Alkalinity (as HCO <sub>3</sub> ) (mg/l)	138	200 mg/l Max.
1.	MPN of Coli form group of organisms Per 100 ml.	Absent (0)	Absent (0)				
2.	Test for E.coli	Negative	Negative				

Remarks: - The water is potable as per the Specification of Indian Standard of drinking water Under IS10500:2012

Dated:-  
State Public Health Laboratory,  
Bhubaneswar-1,

**EXECUTIVE DIRECTOR**  
**ST. XAVIER'S HIGH SCHOOL**

*M. Mohanty*  
Principal  
**ST. XAVIER'S HIGH SCHOOL**  
V.S.S. N.

*12/10/17*  
Food Analyst  
GOVT. OF ODISHA

**Food Analyst**  
Govt. of Odisha