

Water Certificate (Dhuli)

GOVERNMENT OF ODISHA  
OFFICE OF THE DEPUTY DIRECTOR CUM FOOD ANALYST  
State Food Testing Laboratory, Convent Square, Bhubaneswar-1

No. 2933/DDFA

Dated

Bhubaneswar

the 27th 4 '2021'

To,

Young Phoenix Public School-I  
Plot No.- 62, Gopinathpur, Dhauli, BBSR

Sub: -Analysis report of water sample.

Report No.	Source: -	*Collected/*Sent by	Reference No.& Date of Collection/Receipt	Date of Examination
766/21	Bore well Water	S. Panda	08.04.21	08.04.21

**Chemical and Bacteriological Examination of water samples**

The sample of water from above source has been caused to be analysed as per the specification of Indian Standard of drinking water under IS: 10500:2012 and the findings are as under:

<b>Physical Examination</b>				<b>Chemical Examination</b>			
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)	58	200 mg/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 <sup>-</sup> ) (mg/l)	24	250 mg/l Max.
4	pH	6.5	6.0 to 8.5	4	Residual free Chlorine (mg/l)	Nil	0.2 mg/l Max.
<b>Bacteriological Examination</b>				5	Sulphate as SO <sub>4</sub> <sup>-</sup> (mg/l)	08	200 mg/l Max.
Sl. No.	Test/Characteristic	Result	Permissible Limit as per IS:10500:2012	6	Total Alkalinity (as HCO <sub>3</sub> <sup>-</sup> ) (mg/l)	40	200 mg/l Max.
1	MPN of coli form group of organisms Per 100 ml.	Absent (0)	Absent (0)	7	Nitrate (as NO <sub>3</sub> <sup>-</sup> )	Nil	45 mg/l Max.
2.	Test for E. Coli	Negative	Negative	8	Nitrite (as NO <sub>2</sub> <sup>-</sup> )	Nil	0.02 mg/l Max.

Remarks: - The water is potable as per the specification of Indian Standard of drinking water under IS:10500:2012.

Dated:



Food Analyst