

**GOVERNMENT OF ODISHA**  
**OFFICE OF THE JOINT DIRECTOR CUM CHIEF FOOD ANALYST**  
**State Food Testing Laboratory, Convent Square, Near Ram Mandir, Bhubaneswar-1**

No. 1744/JDCFA/SFTL, Bhubaneswar, the 25th 07 2025

To,

Young Phoenix Public School  
P.No-235, Nuagaon, Sisipalgarh,  
Bhubaneswar

**Sub: -Analysis report of Water sample.**

Report No.	Nature/Name of sample submitted for analysis	Collected/Sent by	Reference No.& Date of Receipt
1117/25	Borewell Water	Sudarsan Panda	Dt. of Receipt- 14.07.2025

**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 14.07.25 has been caused to be analyzed and the findings are as under:-

- Sample Description: - Borewell Water
- 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
1.	Colour	FSSAI	Agreeable	5 Hazen Units
2.	Odour	Manual	Agreeable	Agreeable
3.	Taste		Agreeable	Agreeable
4.	Turbidity		Nill	1 NTU (Max.)
5.	pH		7.0	6.5-8.5
6.	Nitrates (as NO <sub>3</sub> )		Nil	Not more than 45 mg/lit.
7.	Nitrites (as NO <sub>2</sub> )		Nil	Not more than 0.02 mg/lit.
8.	Iron (as Fe)		Nil	Not more than 0.3 mg/lit.
9.	Chloride (as Cl)		50 mg/lit	Not more than 250 mg/lit.
10.	Residual Free chlorine		Nil	Not more than 0.2 mg/lit.
11.	Sulphate (as SO <sub>4</sub> )		Nil	Not more than 200 mg/lit.
12.	Total Alkalinity (as HCO <sub>3</sub> )		100 mg/lit	Not more than 600 mg/lit.
13.	Total Hardness (as CaCO <sub>3</sub> )		110 mg/lit	Not more than 600 mg/lit.
14.	Total Dissolved Solids		387.40 mg/lit	Not more than 500 mg/lit.
15.	MPN of coliform group of organisms per 100ml		Absent	Absent
16.	Test for E.Coli		Negative	Negative

**Remarks:** The Sample of Water conforms to the prescribed standard under FSSAct, 2006 based on the tests performed

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21-7-2025  
Food Analyst  
GOVT. OF ODISHA

Dated: -

State Food Testing Laboratory  
Bhubaneswar-1