

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

No. 2681/JDCFA/SFTL, Bhubaneswar, the 02 th 11 2024

To,

Mr. Nishakar Mallick
 Government Polytechnic Berhampur
 Engineering School Road, Berhampur.

Sub: -Analysis report of Water sample.

Report No.	Nature/Name of sample submitted for analysis	Collected/Sent by	Reference No. & Date of Receipt
1512/24	Borewell Water	Nishakar Mallick	Dt. of Receipt- 14.10.2024

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 14.10.2024 has been caused to be analyzed and the findings are as under:-

i) Sample Description: - 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	Agreeable	5 Hazen Units
2.	Odour	Manual	Agreeable	Agreeable
3.	Taste		Agreeable	Agreeable
4.	Turbidity		Nil	1 NTU (Max.)
5.	pH		7.0	6.5-8.5
6.	Nitrates (as NO ₃)		Nil	Not more than 45 mg/lit.
7.	Nitrites (as NO ₂)		Nil	Not more than 0.02 mg/lit.
8.	Iron (as Fe)		Nil	Not more than 0.3 mg/lit.
9.	Chloride (as Cl)		16 mg/lit	Not more than 250 mg/lit.
10.	Residual Free chlorine		Nil	Not more than 0.2 mg/lit.
11.	Sulphate (as SO ₄)		Nil	Not more than 200 mg/lit.
12.	Total Alkalinity (as HCO ₃)		72 mg/lit	Not more than 600 mg/lit.
13.	Total Hardness (as CaCO ₃)		50 mg/lit	Not more than 600 mg/lit.
14.	Total Dissolved Solids		71.09 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.

Dated: -
 State Food Testing Laboratory
 Bhubaneswar-1

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 21/11/24
 Food Analyst
 GOVT. OF ODISHA

Food Analyst
 Govt. of Odisha