

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

No. 2412 /JDCFA

Dated Bhubaneswar the 10 th 11 '2023'

To,

The Principal
The Kendriya Vidyalaya No.3
NDRF, Mundali, Dist.Cuttack.

Sub: -Analysis report of water Sample.

Report No.	Source: -	*Collected/*Sent by	Reference No.& Date of Collection/Receipt	Date of Examination
1311/23	Water	Kendriya Vidyalaya No.3	30.10.23	30.10.23

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:

<i>Physical Examination</i>				<i>Chemical Examination</i>			
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 ₃ (mg/l)	62	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 ⁻) (mg/l)	72	250 mg/l Max.
4	pH	7.4	6.0 to 8.5	4	Residual free Chlorine (mg/l)	Nil	0.2 mg/l Max.
<i>Bacteriological Examination</i>				5	Sulphate as SO ₄ ⁻ (mg/l)	Nil	200 mg/l Max.
Sl. No.	Test/Characteristic	Result	Permissible Limit as per IS:10500:2012	6	Total Alkalinity (as HCO ₃ ⁻) (mg/l)	70	200 mg/l Max.
1	MPN of coli form group of organisms Per 100 ml	Absent (0)	Absent (0)	7	Nitrate (as NO ₃ ⁻)	Nil	45 mg/l Max.
2.	Test for E. coli.	Negative	Negative	8	Total Dissolved Solid (mg/l)	209.00	500 mg/l Max.
				9	Nitrite (as NO ₂ ⁻)	Nil	0.02mg/l Max.

Remarks: - The water sample is potable on the basis of test performed.

[Signature]
10/11/23

Dated:
State Food Testing Laboratory
Bhubaneswar-1

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