

No. 377 / JDCFA Dated Bhubaneswar the 24 th 02 '2023'

To,
The Principal,
Kendriya Vidyalaya No-2
CRPF Campus, Bhubaneswar.

Sub: - Analysis report of water Sample.

Report No.	Source	*Collected/Sent by	Reference No. & Date of Collection/Receipt	Date of Examination
15423	Aquaguard Water	KV No.11	09.02.23	09.02.23

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:

Physical Examination			Chemical Examination			
Sl. No.	Test/Characteristic	Result	Permissible Limit as per IS:10500:2012	Test/Characteristic	Result	Permissible Limit as per IS:10500:2012
1	Colour	Nil	Agreeable	Total hardness as CaCO ₃ (mg/l)	60	200 mg/l Max
2	Odour	Nil	Agreeable	Iron (as Fe) (mg/l)	Nil	1.0 mg/l Max
3	Turbidity	Nil	1 NTU max.	Chloride (as Cl ⁻) (mg/l)	46	250 mg/l Max.
4	pH	5.5	6.0 to 8.5	Residual free Chlorine (mg/l)	Nil	0.2 mg/l Max.
Bacteriological Examination						
Sl. No.	Test/Characteristic	Result	Permissible Limit as per IS:10500:2012	Test/Characteristic	Result	Permissible Limit as per IS:10500:2012
1	MPN of coli form group of organisms Per 100 ml	Absent (0)	Absent (0)	Sulphate as SO ₄ (mg/l)	Nil	200 mg/l Max.
2.	Test for E. coli.	Negative	Negative	Total Alkalinity (as HCO ₃ ⁻) (mg/l)	332	200 mg/l Max.
				Nitrate (as NO ₃ ⁻)	Nil	45 mg/l Max.
				Total Dissolved Solid (mg/l)	160.90	500 mg/l Max.
				Nitrite (as NO ₂ ⁻)	Nil	0.02mg/l Max.

Remarks: - The Water Sample is not potable due to low pH value.

Dated:
State Food Testing Laboratory
Bhubaneswar-1

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

(Handwritten signature)
24/2/23