



**OFFICE OF THE CITY HEALTH OFFICER
BHUBANESWAR MUNICIPAL CORPORATION, BHUBANESWAR**

SAFE DRINKING WATER AND SANITARY CONDITION CERTIFICATE

No. CHO/2982/24

Dated: 16-2-2024

It is certified that an inspection team headed by Sri P. V. Samal
(Name of Officers with designation) from Spectro Analytical Labs Ltd., Bhubaneswar, PHED inspected the ST. XAVIER INTERNATIONAL SCHOOL on 01.04.2023 and on the basis of Water Test Report (Attached) bearing no SLW 198/04-23, dated 01.04.2024 of Spectro Analytical Labs Ltd., (PHED Lab) certified that the ST. XAVIER INTERNATIONAL SCHOOL has safe drinking water facilities for the students and members of staff of the institution. School is also maintains the hygienic sanitation condition in the school building & the campus as per norms prescribed by the Central/ State/ U.T. Govt.

This certificate is valid till 15-2-2026


City Health Officer
BMC, Bhubaneswar

Spectro Analytical Labs Limited,
PH- Engineering State State Lab, Palasuni, P.O- Rasulgarh., Bhubaneswar -751010.

Sample ID- SLW198/04-23

Customer Name: M/S. St. Xavier International School
Patia, Chandrasekharpur, Bhubaneswar - 751024 (Odisha)

Sample / Source: Water (Aquaguard Water)

Sample collection Date: 01.04.2023

Sample Receipt Date :01.04.2023

Analysis Completed on: 05.04.2023

Sr. No.	TEST PARAMETERS	TEST METHODS	OBTAINED RESULTS	LIMITS (Max.)	
				Acceptable Limit	Permissible Limit In the absence of Alternate Source
1	Colour, Hazen Units	IS :3025 (Part-4) ,1983 (RA-2014)	1 HU	5 HU	15 HU
2	Odour	IS:3025 (Pt-5) 1983, Reaffirmed-2012	Agreeable	Agreeable	Agreeable
3	pH	IS: 3025 (Pt-11): 1983	6.80	6.5 - 8.5	No relaxation
4	Conductivity	IS: 3025 (Pt-14) 1984 (RA-2002)	292	NA	NA
5	Turbidity	IS: 3025 (Pt-10) 1984 (RA-2012)	< 1 NTU	1 NTU	5 NTU
6	Total Alkalinity(as CaCO ₃)	IS: 3025 (Pt-23)	16 mg/L	200 mg/L	600 mg/L
7	Total Dissolved Solids	IS: 3025 (Pt-16) 1984 (RA - 2006)	175 mg/L	500 mg/L	2000 mg/L
8	Total Hardness (as CaCO ₃)	IS: 3025 (Pt-23)	76 mg/L	200 mg/L	600 mg/L
9	Calcium (as Ca)	IS: 3025 (Pt-40)	25.6 mg/L	75 mg/L	200 mg/L
10	Magnesium (as Mg)	IS: 3025 (Pt-40)	2.93 mg/L	30 mg/L	100 mg/L
11	Chlorides (as Cl)	IS:3025 (Pt-32):1988 (CL2)	19.99 mg/L	250 mg/L	1000 mg/L
12	Fluoride (as F)	APHA 22 nd Edition 4500 F- (D)	0.22 mg/L	1.0 mg/L	1.5 mg/L
13	Iron (as Fe)	IS:3025 (Pt-53):2003 (CL6)	BDL	1.0 mg/L	No relaxation
14	Sulphate	IS: 3025 (Pt-24) 1986 (RA - 2009) (CL4)	0.67 mg/L	200 mg/L	400 mg/L
15	Nitrate	APHA 22 nd Edition 4500 N- (B)	0.04 mg/L	45 mg/L	No relaxation

End of Report

For SPECTRO ANALYTICAL LABS LTD.

Signature (Lab In-charge)

Authorised Signatory