

**TEST REPORT OF THE WATER QUALITY PARAMETERS OF THE INSTITUTE
(SAMPLE COLLECTION DATE 18/04/2024)**

Parameters	Permissible Limit	Maximum Limit	Test Report
pH Value at 25°C	6.5 to 8.5	No relaxation	7.81
TDS (mg/l)	500	2000	382
Hardness (as CaCO ₃) (mg/l)	200	600	241.9
Alkalinity(as CaCO ₃) (mg/l)	200	600	182.2
Nitrate (mg/l)	45	No relaxation	0.71
Sulfate (mg/l)	200	400	13.8
Fluoride (mg/l)	1	1.5	<0.1
Chloride (mg/l)	250	1000	52.1
Turbidity (NTU)	1	5	<1.0
Arsenic (mg/l)	0.01	No relaxation	<0.01
Copper (mg/l)	0.05	1.5	<0.02
Cadmium (mg/l)	0.003	No relaxation	<0.002
Chromium (mg/l)	0.05	No relaxation	<0.05
Lead (mg/l)	0.01	No relaxation	<0.01
Iron (mg/l)	1	No relaxation	0.12
Zinc (mg/l)	5	15	0.12
Fecal Coliform (cfu)	0	0	0
E. Coli (cfu)	0	0	0

Sampling Locations: Water Treatment Plant

*BDL Below Detection Limit;
NTU – Nephelometric Turbidity Unit;
cfu- Colony forming Units in 100 ml of the sample.*