

Parameter analysed in Water Samples

Sl. No.	Parameter	Test method specification
1.	Ammonia-N	APHA 23 rd Edition, 4500 – NH ₃ F
2.	Bio chemical Oxygen Demand (3 days @ 27°C)	IS 3025 (Part 44)
3.	Bio chemical Oxygen Demand (5 days @ 20°C)	APHA 23 rd Edition, 5210-B
4.	Calcium as Ca	APHA 23 rd Edition, 3500-Ca B
5.	Calcium hardness as CaCO ₃	APHA 23 rd Edition, 3500-Ca B
6.	Chemical Oxygen Demand	IS 3025 (Part 58)
7.	Chloride as Cl ⁻	APHA 23 rd Edition, 4500-Cl ⁻ B
8.	Conductivity @ 25°C	APHA 23 rd Edition, 2510 B
9.	Dissolved Oxygen	APHA 23 rd Edition, 4500-O C
10.	Hexavalent Chromium as Cr ⁶⁺	APHA 23 rd Edition, 3500-Cr B
11.	Magnesium as Mg	APHA 23 rd Edition, 3500-Mg B
12.	Magnesium hardness as CaCO ₃	APHA 23 rd Edition, 3500-Mg B
13.	Nitrate – N	APHA 23 rd Edition, 4500-NO ₃ ⁻ E
14.	Nitrate –N	APHA 23 rd Edition, 4500-NO ₃ ⁻ B
15.	Nitrite –N	APHA 23 rd Edition, 4500-NO ₂ ⁻ B
16.	pH Value @ 25°C	APHA 23 rd Edition, 4500-H ⁺ B
17.	Phenolphthalein Alkalinity	APHA 23 rd Edition, 2320 B
18.	Phosphate as PO ₄ ³⁻ P	APHA 23 rd Edition, 4500-P D:
19.	Potassium as K	APHA 23 rd Edition, 3500 K-B
20.	Sodium as Na	APHA 23 rd Edition, 3500 Na-B
21.	Sulphate as SO ₄ ²⁻	APHA 23 rd Edition, 4500-SO ₄ ²⁻ E
22.	Temperature	APHA 23 rd Edition, 2550 B

23.	Total Alkalinity as CaCO ₃	APHA 23 rd Edition, 2320 B
24.	Total Dissolved Solids Dried at 180°C	APHA 23 rd Edition, 2540 C
25.	Total Fixed Solids Ignited at 550°C	APHA 23 rd Edition, 2540 E
26.	Total Hardness as CaCO ₃	APHA 23 rd Edition, 2340 C
27.	Total Suspended Solids Dried at 103 - 105°C	APHA 23 rd Edition, 2540 D
28.	Turbidity	APHA 23 rd Edition, 2130 B