

LAKES/RIVER WATER TESTING

SL.NO.	CHARACTERISTIC	LIMITS	IS:3025 1964	TEST METHOD
01	pH value	6.5-8.5	Part 8	--
02	Dissolved Oxygen, mg/l, Min	4	Part 50	--
03	Biochemical oxygen demand (5 days at 20° C), mg/l, Max	3	Part 53	--
04	Total Coli form Organisms, MPN/100 ml, Max	5000	--	3.3 of IS: 1622-1981
05	Color, Hazen units, Max	300	Part 5	--
06	Fluorides (as F), mg/l, Max	1.5	Part 23	--
07	Cadmium (as Cd), mg/l, Max	0.01	--	9 of IS:2488 (Part II)-1968
08	Chlorides (as Cl), mg/l, Max	600	Part 24	--
09	Chromium (as Cr ⁶⁺), mg/l, Max	0.05	Part 38	--
10	Cyanides (as CN), mg/l, Max	0.05	Part 27	--
11	Total dissolved solids, mg/l, Max	1500	Part 12	--
12	Selenium (as Se), mg/l, Max	0.05	Part 28	--
13	Sulphates (as SO ₄), mg/l, Max	400	Part 20	--
14	Lead (as Pb), mg/l, Max	0.1	Part 37	--
15	Copper (as Cu), mg/l, Max	1.5	Part 36	--
16	Arsenic (as As), mg/l, Max	0.2	Part 40	--
17	Iron (as Fe), mg/l, Max	50	Part 32	--
18	Phenolic Compounds (as C ₆ H ₅ OH), mg/l, Max	0.005	Part 54	--
19	Zinc (as Zn), mg/l, max	15	Part 39	--
20	Insecticides, mg/l, Max	Absent	--	8 of IS:2488 (Part III) 1968
21	Anionic detergents (as MBAS), mg/l, Max	1	--	Methylene blue-extraction method
22	Oils and grease, mg/l, Max	0.1	--	13 of IS:2488 (Part I) 1966
23	Nitrates (a NO ₃), mg/l, Max	50	Part 48	--