

Indian Standard Specification for Drinking Water IS-10500: 2012

SR. NO.	PARAMETER	UNIT	PERMISSIBLE LIMIT (IN THE ABSENCE OF ALTERNATE SOURCE as per IS-10500-2012)	Actual quality supplied by AMC
1	pH	pH unit	6.5 to 8.5	7.2 - 8.2
2	Turbidity	NTU	5	0 - 3
3	Total Alkalinity	mg/L	600	80 - 280
4	Total Hardness	mg/L	600	190 - 320
5	Calcium (as Ca)	mg/L	200	20 - 60
6	Magnesium (as Mg)	mg/L	100	20 - 60
7	Chloride (as Cl)	mg/L	1000	65 - 370
8	Sulfates (as SO ₄)	mg/L	400	12 - 35
9	Total Dissolved Solids	mg/L	2000	120 - 900
10	Free Residual Chlorine	ppm	1.0	0.5 – 1.0
11	Total Coliforms	MPN / 100 mL	Absent	Absent
12	Faecal E. coli	MPN / 100 mL	Absent	Absent