

Year : 2022					BDL = Below Detection Limit		
Sample Number	pH	Turbidity	Hardness	Calcium	Magnesium	Alkalinity	Chloride
Standard	IS10500	IS10500	IS10500	IS10500	IS10500	IS10500	IS10500
Upper	8.50	5 NTU	600 mg/L	200 mg/L	100 mg/L	600 mg/L	1000 mg/L
Lower	6.50	1 NTU	200 mg/L	75 mg/L	30 mg/L	200 mg/L	250 mg/L
1	7.5	1.63	70	14	56	88.8	28.2
2	7.9	7.67	148	29.6	118.4	177.6	63.5
3	7.9	0.01	218	43.6	174.4	199.2	77.6
4	7.6	0.03	124	24.8	99.2	124.8	42.3
5	7.4	0.03	134	26.8	107.2	163.2	119.9
6	7.4	0.04	242	48.4	193.6	213.6	211.5
7	7.7	0.04	198	39.6	158.4	228	105.8
8	7.5	0.04	122	22.4	99.6	158.4	49.4
9	7.7	0.14	164	32.8	131.2	168	63.5
10	7.5	0.13	118	23.6	94.4	130.8	28.2
11	7.4	0.03	500	100	400	177.6	423
12	8.2	0.50	77	30	232.7	77	91.65
13	7.9	0.25	293	120	246.8	130	232.6
14	8.2	0.16	216	40	260.9	12	26.085
15	7.9	0.20	216	100	274.9	160	21.855
16	7.9	0.23	252	70	289	240	77.55
17	7.6	0.14	336	120	303	168	239.7
18	8	0.02	109	50	317.1	108	49.35
19	8	0.07	93.5	60	331.2	88	28.2
20	8.2	0.12	96	50	345.2	24	28.2
21	8.1	0.46	110.5	40	359.3	96	17.625
22	8	0.41	230.4	90	373.3	216	77.55
23	7.9	0.13	103.2	70	387.4	165.6	42.3
24	8	0.29	192	70	401.4	104.4	35.25
25	8.1	0.01	112.8	60	415.5	103.2	21.15
26	8	0.24	18.48	70	429.6	206.4	98.7
27	7.9	0.37	127.2	90	443.6	194.4	56.4
28	8.5	0.10	117.6	90	457.7	187.2	63.45
29	8	0.05	331.2	130	471.7	183.6	282
30	7.5	0.43	220.8	100	485.8	194.4	162.15

Note: Values highlighted in red are the above permissible limit.

Nitrate	Nitrite	Ammonia	Phosphate	Fluoride	Iron
IS10500	EPA	IS10500	WHO	IS10500	IS10500
< 45 mg/L	< 1 mg/L	< 0.5 mg/L	< 0.1 mg/L	1.5 mg/L	< 0.3 mg/L
				1 mg/L	
1	BDL	BDL	0.1	1	BDL
BDL	BDL	BDL	0.9	1.5	2
55	0.2058	BDL	0.1	3	BDL
45	BDL	BDL	0.9	1	BDL
25	0.2744	BDL	0.1	1	0.3
75	0.1372	BDL	0.3	1	BDL
45	0.0686	BDL	0.6	1	0.3
25	0.0343	BDL	0.1	1	BDL
25	0.0686	BDL	0.1	1.5	BDL
25	0.0343	BDL	0.9	1	BDL
55	0.0343	BDL	0.1	1	BDL
BDL	0.0343	BDL	0.6132	1.3	BDL
55	0.0686	BDL	1.5	1	BDL
25	BDL	0.5	0.3066	1	BDL
45	0.606	BDL	1.3	1	BDL
>100	BDL	BDL	BDL	1	BDL
55	0.2058	BDL	0.3066	1	BDL
BDL	0.0343	BDL	0.9198	1.3	BDL
BDL	BDL	BDL	0.6132	1	BDL
BDL	0.343	BDL	0.6132	1	0.3
BDL	3.43	BDL	BDL	1.3	0.3
45	0.0343	0.5	0.3066	BDL	BDL
25	0.0686	BDL	0.3066	1	BDL
25	0.0686	BDL	0.9198	0.5	BDL
25	0.0686	0.5	0.6132	1	BDL
75	3.43	BDL	0.9198	1	BDL
45	0.0343	BDL	0.3066	1	BDL
25	0.0686	BDL	0.3066	1	BDL
55	BDL	BDL	0.3066	0.5	BDL
55	0.0686	BDL	0.3066	1	BDL