

Water Quality Tests Results

(Source Water of Saigawa Water Purification Plant)

No.	Items	Source Water of Saigawa Water Purification Plant						Unit
		23-Apr-2025	29-May-2025					
	Water temperature	10.0	12.7					(°C)
1	Common Bacteria	9	14					(number/mL)
2	E.coli	17	8.6					(MPN/100mL)
3	Cadmium		< 0.0003					(mg/L)
4	Mercury		< 0.00005					(mg/L)
5	Selenium	< 0.001						(mg/L)
6	Lead							(mg/L)
7	Arsenic	< 0.001						(mg/L)
8	Chromium (VI)	< 0.002						(mg/L)
9	Nitrite nitrogen	< 0.004	< 0.004					(mg/L)
10	Cyanide ion and Cyanogens chloride							(mg/L)
11	Nitrate and Nitrite	0.3	0.2					(mg/L)
12	Fluoride	< 0.08	< 0.08					(mg/L)
13	Boron							(mg/L)
14	Carbon tetrachloride							(mg/L)
15	1, 4-dioxane	< 0.005						(mg/L)
16	cis-1,2-Dichloroethylene and trans-1,2- Dichloroethylene							(mg/L)
17	Dichloromethane							(mg/L)
18	Tetrachloroethylene							(mg/L)
19	Trichloroethylene							(mg/L)
20	Benzene							(mg/L)
21	Chlorate	< 0.06	< 0.06					(mg/L)
22	Chloroacetic acid							(mg/L)
23	Chloroform							(mg/L)
24	Dichloroacetic acid							(mg/L)
25	Dibromochloromethane							(mg/L)
26	Bromate							(mg/L)
27	Total trihalomethanes							(mg/L)
28	Trichloroacetic acid							(mg/L)
29	Bromodichloromethane							(mg/L)
30	Bromoform							(mg/L)
31	Formaldehyde							(mg/L)
32	Zinc							(mg/L)
33	Aluminium	0.10	0.07					(mg/L)
34	Iron	0.05	0.04					(mg/L)
35	Copper	< 0.01	< 0.01					(mg/L)
36	Sodium	4.8	5.0					(mg/L)
37	Manganese	0.004	0.006					(mg/L)
38	Chloride ion	5.1	4.5					(mg/L)
39	Calcium, Magnesium (Hardness)	15	17					(mg/L)
40	Total residue	38						(mg/L)
41	Anionic surface active agent	< 0.02						(mg/L)
42	Geosmin							(mg/L)
43	2-Methylisobolneol							(mg/L)
44	Nonionic surface active agent	< 0.005						(mg/L)
45	Phenols		< 0.0005					(mg/L)
46	Organic substances (Total Organic Carbon)	0.4	0.5					(mg/L)
47	pH Value	7.3	7.4					
48	Taste							
49	Odor	None	None					
50	Color	2	2					(degree)
51	Turbidity	3.9	2.8					(degree)
	Free residual chlorine							(mg/L)

※1 N.D. = Not detected