

Water Quality Tests Results
(Source Water of Saigawa Water Purification Plant)

No.	Items	Source Water of Saigawa Water Purification Plant						Unit
		19/4/2019						
	Water temperature	8.2						(°C)
1	Common Bacteria	3						(number/mL)
2	E.coli	110						(MPN/100mL)
3	Cadmium							(mg/L)
4	Mercury							(mg/L)
5	Selenium	< 0.001						(mg/L)
6	Lead							(mg/L)
7	Arsenic	< 0.001						(mg/L)
8	Chromium (VI)	< 0.005						(mg/L)
9	Nitrite nitrogen	< 0.004						(mg/L)
10	Cyanide ion and Cyanogens chloride							(mg/L)
11	Nitrate and Nitrite	0.4						(mg/L)
12	Fluoride	< 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						(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	0.02						(mg/L)
34	Iron	< 0.03						(mg/L)
35	Copper	< 0.01						(mg/L)
36	Sodium	5.6						(mg/L)
37	Manganese	0.002						(mg/L)
38	Chloride ion	5.6						(mg/L)
39	Calcium, Magnesium (Hardness)	20						(mg/L)
40	Total residue	47						(mg/L)
41	Anionic surface active agent	< 0.02						(mg/L)
42	Geosmin							(mg/L)
43	2-Methylisoborneol							(mg/L)
44	Nonionic surface active agent	< 0.005						(mg/L)
45	Phenols							(mg/L)
46	Organic substances (Total Organic Carbon)	0.4						(mg/L)
47	pH Value	7.5						
48	Taste							
49	Odor	None						
50	Color	2						(degree)
51	Turbidity	1.1						(degree)
	Free residual chlorine							(mg/L)

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