

Water Quality Tests Results (Sainen)

No.	Items	Sainen						Unit
		30-Apr-2025	14-May-2025					
	Water temperature	11.2	12.3					(°C)
1	Common Bacteria	< 1	< 1					(number/mL)
2	E.coli	N.D. ※1	N.D. ※1					(MPN/100mL)
3	Cadmium							(mg/L)
4	Mercury							(mg/L)
5	Selenium							(mg/L)
6	Lead							(mg/L)
7	Arsenic							(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							(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	0.02	0.01					(mg/L)
34	Iron	< 0.03	< 0.03					(mg/L)
35	Copper	< 0.01	< 0.01					(mg/L)
36	Sodium	4.2	3.9					(mg/L)
37	Manganese	< 0.001	< 0.001					(mg/L)
38	Chloride ion	5.1	5.2					(mg/L)
39	Calcium, Magnesium (Hardness)	19	18					(mg/L)
40	Total residue	47						(mg/L)
41	Anionic surface active agent							(mg/L)
42	Geosmin							(mg/L)
43	2-Methylisoborneol							(mg/L)
44	Nonionic surface active agent							(mg/L)
45	Phenols							(mg/L)
46	Organic substances (Total Organic Carbon)	< 0.3	< 0.3					(mg/L)
47	pH Value	7.5	7.4					
48	Taste	None	None					
49	Odor	None	None					
50	Color	< 0.5	< 0.5					(degree)
51	Turbidity	< 0.1	< 0.1					(degree)
	Free residual chlorine ※2	0.42	0.46					(mg/L)

※1 N.D. = Not detected

※2 Necessary sanitation measures: Free residual chlorine ≥ 0.1 mg/L