

Water Quality Tests Results (Sainen)

No.	Items	Sainen					Unit
		28/4/2020	19/5/2020	23/6/2020			
	Water temperature	10.0	13.0	18.6			(°C)
1	Common Bacteria	0	0	0			(number/mL)
2	E.coli	N.D. ※1	N.D. ※1	N.D. ※1			(MPN/100mL)
3	Cadmium						(mg/L)
4	Mercury						(mg/L)
5	Selenium						(mg/L)
6	Lead			< 0.001			(mg/L)
7	Arsenic						(mg/L)
8	Chromium (VI)	< 0.002					(mg/L)
9	Nitrite nitrogen	< 0.004	< 0.004	< 0.004			(mg/L)
10	Cyanide ion and Cyanogens chloride			< 0.001			(mg/L)
11	Nitrate and Nitrite	0.3	0.2	0.3			(mg/L)
12	Fluoride	< 0.08	< 0.08	< 0.08			(mg/L)
13	Boron						(mg/L)
14	Carbon tetrachloride			< 0.0002			(mg/L)
15	1, 4-dioxane						(mg/L)
16	<i>cis</i> -1,2-Dichloroethylene and <i>trans</i> -1,2-Dichloroethylene			< 0.004			(mg/L)
17	Dichloromethane			< 0.002			(mg/L)
18	Tetrachloroethylene			< 0.001			(mg/L)
19	Trichloroethylene			< 0.001			(mg/L)
20	Benzene			< 0.001			(mg/L)
21	Chlorate	< 0.06	< 0.06	< 0.06			(mg/L)
22	Chloroacetic acid			< 0.002			(mg/L)
23	Chloroform			0.010			(mg/L)
24	Dichloroacetic acid			< 0.003			(mg/L)
25	Dibromochloromethane			0.002			(mg/L)
26	Bromate			< 0.001			(mg/L)
27	Total trihalomethanes			0.017			(mg/L)
28	Trichloroacetic acid			0.007			(mg/L)
29	Bromodichloromethane			0.005			(mg/L)
30	Bromoform			< 0.001			(mg/L)
31	Formaldehyde			< 0.008			(mg/L)
32	Zinc			< 0.01			(mg/L)
33	Aluminium	0.03	0.03	0.04			(mg/L)
34	Iron	< 0.03	< 0.03	< 0.03			(mg/L)
35	Copper	< 0.01	< 0.01	< 0.01			(mg/L)
36	Sodium	4.5	4.1	4.9			(mg/L)
37	Manganese	< 0.001	< 0.001	< 0.001			(mg/L)
38	Chloride ion	5.6	5.0	6.2			(mg/L)
39	Calcium, Magnesium (Hardness)	28	27	29			(mg/L)
40	Total residue	53					(mg/L)
41	Anionic surface active agent						(mg/L)
42	Geosmin			< 0.000001			(mg/L)
43	2-Methylisobolneol			< 0.000001			(mg/L)
44	Nonionic surface active agent						(mg/L)
45	Phenols						(mg/L)
46	Organic substances (Total Organic Carbon)	0.3	0.4	0.5			(mg/L)
47	pH Value	7.5	7.5	7.6			
48	Taste	None	None	None			
49	Odor	None	None	None			
50	Color	< 0.5	< 0.5	< 0.5			(degree)
51	Turbidity	< 0.1	< 0.1	< 0.1			(degree)
	Free residual chlorine ※2	0.40	0.40	0.38			(mg/L)

※1 N.D. = Not detected

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

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48	Taste						
49	Odor						
50	Color						(degree)
51	Turbidity						(degree)
	Free residual chlorine ※2						(mg/L)

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