

Water Quality Tests Results (Kasamai)

No.	Items	Kasamai						Unit
		21-Apr-2022	17-May-2022	28-Jun-2022	12-Jul-2022			
	Water temperature	12.6	14.4	19.8	21.5			(°C)
1	Common Bacteria	< 1	< 1	< 1	< 1			(number/mL)
2	E.coli	N.D. ※1	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			< 0.002			(mg/L)
9	Nitrite nitrogen	< 0.004	< 0.004	< 0.004	< 0.004			(mg/L)
10	Cyanide ion and Cyanogens chloride			< 0.001				(mg/L)
11	Nitrate and Nitrite	0.5	0.4	0.3	0.3			(mg/L)
12	Fluoride	< 0.08	< 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	cis-1,2-Dichloroethylene and trans-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	0.06			(mg/L)
22	Chloroacetic acid			< 0.002				(mg/L)
23	Chloroform			0.007				(mg/L)
24	Dichloroacetic acid			0.003				(mg/L)
25	Dibromochloromethane			< 0.001				(mg/L)
26	Bromate			< 0.001				(mg/L)
27	Total trihalomethanes			0.010				(mg/L)
28	Trichloroacetic acid			0.004				(mg/L)
29	Bromodichloromethane			0.003				(mg/L)
30	Bromoform			< 0.001				(mg/L)
31	Formaldehyde			< 0.008				(mg/L)
32	Zinc			< 0.01				(mg/L)
33	Aluminium	< 0.01	< 0.01	0.02	0.02			(mg/L)
34	Iron	< 0.03	< 0.03	< 0.03	< 0.03			(mg/L)
35	Copper	< 0.01	< 0.01	< 0.01	< 0.01			(mg/L)
36	Sodium	4.2	4.8	4.7	5.1			(mg/L)
37	Manganese	< 0.001	< 0.001	< 0.001	< 0.001			(mg/L)
38	Chloride ion	7.3	6.1	3.7	5.9			(mg/L)
39	Calcium, Magnesium (Hardness)	22	21	26	23			(mg/L)
40	Total residue	43			47			(mg/L)
41	Anionic surface active agent							(mg/L)
42	Geosmin			< 0.000001	< 0.000001			(mg/L)
43	2-Methylisobolneol			< 0.000001	< 0.000001			(mg/L)
44	Nonionic surface active agent							(mg/L)
45	Phenols							(mg/L)
46	Organic substances (Total Organic Carbon)	0.3	< 0.3	0.5	0.5			(mg/L)
47	pH Value	7.5	7.4	7.4	7.2			
48	Taste	None	None	None	None			
49	Odor	None	None	None	None			
50	Color	< 0.5	< 0.5	< 0.5	< 0.5			(degree)
51	Turbidity	< 0.1	< 0.1	< 0.1	< 0.1			(degree)
	Free residual chlorine ※2	0.40	0.46	0.48	0.48			(mg/L)

※1 N.D. = Not detected

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

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

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