

Water Quality Tests Results

(Purified Water of Sue Water Purification Plant (Rapid sand filtration method))

No.	Items	Purified Water of Sue Water Purification Plant (Rapid sand filtration method)						Unit
		21-Apr-2026	19-May-2026					
	Water temperature	11.2	13.0					(°C)
1	Common Bacteria	< 1	< 1					(number/mL)
2	E.coli	N.D. ※1	N.D. ※1					(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	0.2	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	Perfluoro(octane-1-sulfonic acid)(PFOS) and Perfluorooctanoic acid(PFOA)	< 0.000005						(mg/L)
21	Benzene							(mg/L)
22	Chlorate	< 0.06	< 0.06					(mg/L)
23	Chloroacetic acid							(mg/L)
24	Chloroform							(mg/L)
25	Dichloroacetic acid							(mg/L)
26	Dibromochloromethane							(mg/L)
27	Bromate							(mg/L)
28	Total trihalomethanes							(mg/L)
29	Trichloroacetic acid							(mg/L)
30	Bromodichloromethane							(mg/L)
31	Bromoform							(mg/L)
32	Formaldehyde							(mg/L)
33	Zinc							(mg/L)
34	Aluminium	0.02	0.03					(mg/L)
35	Iron	< 0.03	< 0.03					(mg/L)
36	Copper	< 0.01	< 0.01					(mg/L)
37	Sodium	5.0	5.6					(mg/L)
38	Manganese	< 0.001	< 0.001					(mg/L)
39	Chloride ion	5.1	5.4					(mg/L)
40	Calcium, Magnesium (Hardness)	19	23					(mg/L)
41	Total residue	48						(mg/L)
42	Anionic surface active agent	< 0.02						(mg/L)
43	Geosmin							(mg/L)
44	2-Methylisobolneol							(mg/L)
45	Nonionic surface active agent	< 0.005						(mg/L)
46	Phenols		< 0.0005					(mg/L)
47	Organic substances (Total Organic Carbon)	< 0.3	0.3					
48	pH Value	7.3	7.4					
49	Taste	None	None					
50	Odor	None	None					
51	Color	< 0.5	< 0.5					(degree)
52	Turbidity	< 0.1	< 0.1					(degree)
	Free residual chlorine	0.48	0.56					(mg/L)

※1 N.D. = Not detected

※2 Necessary sanitation measures: Free residual chlorine $\geq$ 0.1 mg/L