

Water Quality Tests Results

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

No.	Items	Purified Water of Sue Water Purification Plant (Slow sand filtration method)					Unit
		21-Apr-2026					
	Water temperature	13.3					(°C)
1	Common Bacteria	6					(number/mL)
2	E.coli	N.D. ※1					(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)	< 0.002					(mg/L)
9	Nitrite nitrogen	< 0.004					(mg/L)
10	Cyanide ion and Cyanogens chloride						(mg/L)
11	Nitrate and Nitrite	0.2					(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	Perfluoro(octane-1-sulfonic acid)(PFOS) and Perfluorooctanoic acid(PFOA)	< 0.000005					(mg/L)
21	Benzene						(mg/L)
22	Chlorate	< 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	< 0.01					(mg/L)
35	Iron	< 0.03					(mg/L)
36	Copper	< 0.01					(mg/L)
37	Sodium	4.0					(mg/L)
38	Manganese	< 0.001					(mg/L)
39	Chloride ion	3.1					(mg/L)
40	Calcium, Magnesium (Hardness)	19					(mg/L)
41	Total residue	44					(mg/L)
42	Anionic surface active agent	< 0.02					(mg/L)
43	Geosmin						(mg/L)
44	2-Methylisoborneol						(mg/L)
45	Nonionic surface active agent	< 0.005					(mg/L)
46	Phenols						(mg/L)
47	Organic substances (Total Organic Carbon)	< 0.3					
48	pH Value	7.3					
49	Taste	None					
50	Odor	None					
51	Color	< 0.5					(degree)
52	Turbidity	< 0.1					(degree)
	Free residual chlorine						(mg/L)

※1 N.D. = Not detected

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