

Diagram13 Drinking Water Quality Standards (April 2009~)

No.	Items	Standard Value
1	Common Bacteria	100 per 1 ml
2	E. coli	Not to be detected
3	Cadmium	0.01mg/L
4	Mercury	0.0005mg/L
5	Selenium	0.01mg/L
6	Lead	0.01mg/L
7	Arsenic	0.01mg/L
8	Chromium (VI)	0.05mg/L
9	Cyanide ion and Cyanogens chloride	0.01mg/L as Cyanide
10	Nitrate and Nitrite	10mg/L as Nitrogen
11	Fluoride	0.8mg/L
12	Boron	1.0mg/L
13	Carbon tetrachloride	0.002mg/L
14	1,4-dioxane	0.05mg/L
15	cis-1,2-Dichloroethylene and trans-1,2-Dichloroethylene	0.04mg/L
16	Dichloromethane	0.02mg/L
17	Tetrachloroethylene	0.01mg/L
18	Trichloroethylene	0.03mg/L
19	Benzene	0.01mg/L
20	Chlorate	0.6mg/L
21	Chloroacetic acid	0.02mg/L
22	Chloroform	0.06mg/L
23	Dichloroacetic acid	0.04mg/L
24	Dibromochloromethane	0.1mg/L
25	Bromate	0.01mg/L
26	Total trihalomethanes (Total of Chloroform, Dibromochloromethane, Bromodichloromethane and Bromoform)	0.1mg/L
27	Trichloroacetic acid	0.2mg/L

28	Bromodichloromethane	0.03mg/L
29	Bromoform	0.09mg/L
30	Formaldehyde	0.08mg/L
31	Zinc	1.0mg/L
32	Aluminium	0.2mg/L
33	Iron	0.3mg/L
34	Copper	1.0mg/L
35	Sodium	200mg/L
36	Manganese	0.05mg/L
37	Chloride ion	200mg/L
38	Calcium, Magnesium (Hardness)	300mg/L
39	Total residue	500mg/L
40	Anionic surface active agent	0.2mg/L
41	(4S, 4aS, 8aR)-Octahydro-4,8a-Dimethylenaphtalen e-4a(2H)-ol (Alias: Geosmin)	0.00001mg/L
42	1,2,7,7 - Tetramethylbicyclo[2,2,1]Heptane-2-ol (Alias: 2-Methylisobolneol)	0.00001mg/L
43	Nonionic surface active agent	0.02mg/L
44	Phenols	0.005mg/L in terms of Phenol
45	Organic substances (Total Organic Carbon)	3mg/L
46	pH Value	5.8 ~ 8.6
47	Taste	Not abnormal
48	Odor	Not abnormal
49	Color	5 degree
50	Turbidity	2 degree