

Diagram13 Drinking Water Quality Standards in Japan(April 2015~)

No.	Items	Standard Value
1	Common Bacteria	100 per 1 ml
2	E. coli	Not to be detected
3	Cadmium	0.003mg/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	Nitrite nitrogen	0.04mg/L
10	Cyanide ion and Cyanogens chloride	0.01mg/L
11	Nitrate and Nitrite	10mg/L
12	Fluoride	0.8mg/L
13	Boron	1.0mg/L
14	Carbon tetrachloride	0.002mg/L
15	1,4-dioxane	0.05mg/L
16	cis-1,2-Dichloroethylene and trans-1,2- Dichloroethylene	0.04mg/L
17	Dichloromethane	0.02mg/L
18	Tetrachloroethylene	0.01mg/L
19	Trichloroethylene	0.01mg/L
20	Benzene	0.01mg/L
21	Chlorate	0.6mg/L
22	Chloroacetic acid	0.02mg/L
23	Chloroform	0.06mg/L
24	Dichloroacetic acid	0.03mg/L
25	Dibromochloromethane	0.1mg/L
26	Bromate	0.01mg/L
27	Total trihalomethanes (Total of Chloroform, Dibromochloromethane, Bromodichloromethane and Bromoform)	0.1mg/L
28	Trichloroacetic acid	0.03mg/L
29	Bromodichloromethane	0.03mg/L
30	Bromoform	0.09mg/L
31	Formaldehyde	0.08mg/L
32	Zinc	1.0mg/L
33	Aluminium	0.2mg/L
34	Iron	0.3mg/L
35	Copper	1.0mg/L
36	Sodium	200mg/L
37	Manganese	0.05mg/L
38	Chloride ion	200mg/L
39	Calcium, Magnesium (Hardness)	300mg/L
40	Total residue	500mg/L
41	Anionic surface active agent	0.2mg/L
42	(4S, 4aS, 8aR)-Octahydro-4,8a-Dimethylnaphtalene-4a(2H)-ol (Alias: Geosmin)	0.00001mg/L
43	1,2,7,7 - Tetramethylbicyclo[2,2,1]Heptane-2-ol (Alias: 2-Methylisobolneol)	0.00001mg/L
44	Nonionic surface active agent	0.02mg/L
45	Phenols	0.005mg/L in terms of Phenol
46	Organic substances (Total Organic Carbon) (Note 2)	3mg/L
47	pH Value	5.8 ~ 8.6
48	Taste	Not abnormal
49	Odor	Not abnormal
50	Color	5 degree
51	Turbidity	2 degree

Diagram14 Target Value for complementary Items (April 2015～)

Items	Target Value
Antimony	0.02mg/L
Uranium	0.002mg/L(P)
Nickel	0.02mg/L
1,2-dichloroethane	0.004mg/L
Toluene	0.4mg/L
Diethylexyl phthalate	0.08mg/L
Chlorite	0.6mg/L
Chlorine dioxide	0.6mg/L
Dichloroacetonitrile	0.01mg/L(P)
Chlorate hydrate	0.02mg/L(P)
Pesticides	1
Chlorine residue	1mg/L
Calcium, Magnesium (Hardness)	10-100mg/L
Manganese	0.01mg/L
Free carbon dioxide	20mg/L
1,1,1-Trichloroethane	0.3mg/L
Methyl-t-butylether (MTBE)	0.02mg/L
Organic substances (Potassium permanganate consumption)	3mg/L
Threshold Odor Number	3TON
Total residue	30-200mg/L
Turbidity	1degree
pH Value	Approx.7.5
Causticity (Langelier's Index)	-1～0
heterotrophic bacteria	2000 per 1 ml(P)
1,1-Dichloroethylene	0.1mg/L
Aluminium	0.1mg/L