

**Soft Drinks, Notification No. 370 (1959) "Specifications and Standards for Foods, Food Additives, etc. Mineral Water(Sterilized or Disinfected)"**

Final revision by Notification No. 263 (29 Jun, 2021)

Japan Food Research Laboratories

1. Specifications For Composition

(1) General standards

Test Item	Standard	Charge (JPY)	Sample (mL)
1 Turbidity	Must not be turbid	1500	200 *
2 Sediment and solid foreign matter	Must not contain any sediment or any solid foreign matter	1500	
3 Tin (Metal package)	Must not exceed 150.0 ppm	7000	350
4 Coliform group	Negative	4500	100

\* Unopened bottle is separately required for the purpose of this test.

(2) Specific standards <Mineral waters that have been sterilized or disinfected>

Test Item	Standard	Charge (JPY)	Sample (mL)
1 Antimony	Not more than 0.005 mg/L	12000	100 to 500mL per test item
2 Cadmium	Not more than 0.003 mg/L	8000	
3 Mercury	Not more than 0.005 mg/L	9000	
4 Selenium	Not more than 0.01 mg/L	10000	
5 Copper	Not more than 1 mg/L	7000	
6 Lead	Not more than 0.05 mg/L	8000	
7 Barium	Not more than 1 mg/L	8000	
8 Arsenic	Not more than 0.01 mg/L	10000	
9 Manganese	Not more than 0.4 mg/L	7000	
10 Hexavalent chromium	Not more than 0.02 mg/L	8000	
11 Chlorous acid	Not more than 0.6 mg/L	10000	
12 Chloric acid	Not more than 0.6 mg/L	10000	
13 Chloroacetic acid	Not more than 0.02 mg/L	*1 5000	
14 Chloroform	Not more than 0.06 mg/L	*2 5000	
15 Residual chlorine	Not more than 3 mg/L	2500	
16 Cyanogen (cyanide ion and cyanogen chloride)	Not more than 0.01 mg/L	25000	
17 Carbon tetrachloride	Not more than 0.002 mg/L	*2 5000	
18 1,4-Dioxane	Not more than 0.04 mg/L	25000	
19 Dichloroacetonitrile	Not more than 0.01 mg/L	20000	
20 1,2-Dichloroethane	Not more than 0.004 mg/L	*2 5000	
21 Dichloroacetic acid	Not more than 0.03 mg/L	*1 5000	
22 Dichloromethane	Not more than 0.02 mg/L	*2 5000	
23 cis-1,2-Dichloroethylene and trans-1,2-dichloroethylene (total of cis- and trans-isomers)	Not more than 0.04 mg/L	*2 10000	
24 Dibromochloromethane	Not more than 0.1 mg/L	*2 5000	

Test Item	Standard	Charge (JPY)	Sample (mL)	
25 Bromic acid	Not more than 0.01 mg/L	25000	100 to 400mL per test item	
26 Nitrite nitrogen	Not more than 0.04 mg/L	4500		
27 Nitrate nitrogen and nitrite nitrogen	Not more than 10 mg/L	4500		
28 Trihalomethane *3	Not more than 0.1 mg/L	0		
29 Tetrachloroethylene	Not more than 0.01 mg/L	*2 5000		
30 Trichloroethylene	Not more than 0.004 mg/L	*2 5000		
31 Trichloroacetic acid	Not more than 0.03 mg/L	*1 5000		
32 Toluene	Not more than 0.4 mg/L	*2 5000		
33 Di (2-ethylhexyl) phthalate	Not more than 0.07 mg/L	22000		
34 Fluorine	Not more than 2 mg/L	5000		
35 Bromodichloromethane	Not more than 0.03 mg/L	*2 5000		
36 Bromoform	Not more than 0.09 mg/L	*2 5000		
37 Benzene	Not more than 0.01 mg/L	*2 5000		
38 Boron	Not more than 5 mg/L	8000		
39 Formaldehyde	Not more than 0.08 mg/L	25000		
40 Organic substances (total organic carbon)	Not more than 3 mg/L	10000		
41 Taste	Normal	1500		
42 Odor	Normal	1500		
43 Color	Not more than 5 degrees	1500		
44 Turbidity	Not more than 2 degrees	1500		
*1 : Basic charge for chloroacetic acid compounds		20000		
*2 : Basic charge for volatile organic compounds		30000		
( added when test items marked with *1 and *2 are tested )				
Set Price For (1) + (2)		Without Tin		278100
		With Tin (Metal package)	285100	
			4550	

\*3 : A total of chloroform, dibromochloromethane, bromodichloromethane and bromoform.

2. Standards for preparing Soft Drink Beverage

(1) General standards

Apparatus and containers / packages used in manufacturing the beverage are washed in a suitable manner and shall be sterilized, except those unused containers / packages which have been sterilized or manufactured by a method with sterilizing effect and handled with care so as not to be contaminated before use.

(2) Specific standards <Mineral waters that have been sterilized or disinfected>

Test Item	Standard	Charge (JPY)	Sample (mL)
1 Coliform group	Negative	4500	100
2 Aerobic plate count	Not more than 100 CFU/mL	3000	
Total		7500	100