

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	650
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	
4 Coliform group	Negative	4300	

(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 0.0005 mg/L	9000	
4 Selenium	Not more than 0.01 mg/L	10000	
5 Copper	Not more than 1 mg/L	6000	
6 Lead	Not more than 0.05 mg/L	8000	
7 Barium	Not more than 1 mg/L	7000	
8 Arsenic	Not more than 0.01 mg/L	10000	
9 Manganese	Not more than 0.4 mg/L	6000	
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 *	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	7000		
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	1000		
42 Odor	Normal	1000		
43 Color	Not more than 5 degrees	1000		
44 Turbidity	Not more than 2 degrees	1000		
*1 : Basic charge for chloroacetic acid compounds		20000		
*2 : Basic charge for volatile organic compounds (added when test items marked with *1 and *2 are tested)		30000		
Set Price For (1) + (2)		Without Tin		277900
		With Tin (Metal package)		284900
			4550	

* : 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	4300	100
2 Aerobic plate count	Not more than 100 CFU/mL	2800	
Total		7100	100