

Tests According to Standards for Apparatus and Container-Packages Made of Glass, Porcelain and Enameled
(Notification No. 370, issued by the Ministry of Health and Welfare of Japan, dated in 1959)

Final revision by Notification No.380 (2020)

PRICE LIST

	Elution condition			Unit Price (JPY)	1 Glass	2 Porcelain	3 Enameled
	Solvent	Temp.	Time				
ElutionTest							
Cadmium and Lead	4% acetic acid	Room Temperature	24hr	15000	✓	✓	✓

STANDARDS

(1) Test sample whose depth is 2.5 cm or deeper when filled with liquid - excluding enameled ones with capacity of 3 L and over

Leaching condition / solution: at room temperature (dark place) for 24 hours by 4% acetic acid.

Required sample quantity : If the capacity is 20mL and over : One or more

If the capacity is less than 20mL : Enough number to get more than 20mL of Eluted solution.

Category		Cadmium	Lead
Glass	Implements used for cooking by heating	$\leq 0.05 \mu\text{g/mL}$	$\leq 0.5 \mu\text{g/mL}$
	Implements other than for cooking by heating	Capacity less than 600mL	$\leq 0.5 \mu\text{g/mL}$
		Capacity between 600mL and 3L	$\leq 0.25 \mu\text{g/mL}$
	Capacity of 3L and over	$\leq 0.25 \mu\text{g/mL}$	$\leq 0.5 \mu\text{g/mL}$
Porcelain	Implements used for cooking by heating	$\leq 0.05 \mu\text{g/mL}$	$\leq 0.5 \mu\text{g/mL}$
	Implements other than for cooking by heating	Capacity less than 1.1L	$\leq 0.5 \mu\text{g/mL}$
		Capacity between 1.1L and 3L	$\leq 0.25 \mu\text{g/mL}$
	Capacity not of 3L and over	$\leq 0.25 \mu\text{g/mL}$	$\leq 0.5 \mu\text{g/mL}$
Enameled	Implements used for cooking by heating with cap. less than 3L	$\leq 0.07 \mu\text{g/mL}$	$\leq 0.4 \mu\text{g/mL}$
	Implements other than for cooking by heating with cap. less than 3L	$\leq 0.07 \mu\text{g/mL}$	$\leq 0.8 \mu\text{g/mL}$

(2) Test sample that cannot be filled with liquid, or test sample whose depth is less than 2.5 cm when filled with liquid, or enameled test sample with the capacity of 3 L and over

Leaching condition / solution: at room temperature (dark place) for 24 hours by 4% acetic acid.

Required sample quantity : If the capacity is 20mL and over : One or more

If the capacity is less than 20mL : Enough number to get more than 20mL of Eluted solution

or enough number of samples to obtain more than 10cm² as surface area.

Enameled sample with the capacity of 3 L and over : Made into test piece for leaching.

Category		Cadmium	Lead
Glass		$\leq 0.7 \mu\text{g/cm}^2$	$\leq 8 \mu\text{g/cm}^2$
Porcelain		$\leq 0.7 \mu\text{g/cm}^2$	$\leq 8 \mu\text{g/cm}^2$
Enameled	Sample whose depth is less than 2.5cm when filled with liquid or those that cannot be filled with liquid	Implements used for cooking by heating	$\leq 0.5 \mu\text{g/cm}^2$
		Implements other than for cooking by heating	$\leq 0.7 \mu\text{g/cm}^2$
	Sample whose depth is 2.5 cm or deeper when filled with liquid and the capacity of 3L and over	$\leq 0.5 \mu\text{g/cm}^2$	$\leq 1 \mu\text{g/cm}^2$