

**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)**

Japan Food Research Laboratories

**PRICE LIST**

	Elution condition			Unit Price (JPY)	Tax excluded		
	Solvent	Temp.	Time		1 Glass	2 Porcelain	3 Enameled
<b>Elution Test</b>							
Cadmium and Lead	4% AA	Room Temperature	24hr	14,500	✓	✓	✓

4% acetic acid: 4% AA

**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	≤ 0.05 µg/ml	≤ 0.5 µg/ml	
	Implements other than for cooking by heating	Capacity less than 600ml	≤ 0.5 µg/ml	
		Capacity between 600ml and 3L	≤ 0.25 µg/ml	≤ 0.75 µg/ml
	Capacity of 3L and over	≤ 0.25 µg/ml	≤ 0.5 µg/ml	
Porcelain	Implements used for cooking by heating	≤ 0.05 µg/ml	≤ 0.5 µg/ml	
	Implements other than for cooking by heating	Capacity less than 1.1L	≤ 0.5 µg/ml	≤ 2 µg/ml
		Capacity between 1.1L and 3L	≤ 0.25 µg/ml	≤ 1 µg/ml
	Capacity not of 3L and over	≤ 0.25 µg/ml	≤ 0.5 µg/ml	
Enameled	Implements used for cooking by heating with cap. less than 3L	≤ 0.07 µg/ml	≤ 0.4 µg/ml	
	Implements other than for cooking by heating with cap. less than 3L	≤ 0.07 µg/ml	≤ 0.8 µg/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 10cm<sup>2</sup> as surface area  
Enameled sample with the capacity of 3 L and over: Made into test piece for leaching.

Category		Cadmium	Lead	
Glass		≤ 0.7 µg/cm <sup>2</sup>	≤ 8 µg/cm <sup>2</sup>	
Porcelain		≤ 0.7 µg/cm <sup>2</sup>	≤ 8 µg/cm <sup>2</sup>	
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	≤ 0.5 µg/cm <sup>2</sup>	≤ 1 µg/cm <sup>2</sup>
		Implements other than for cooking by heating	≤ 0.7 µg/cm <sup>2</sup>	≤ 8 µg/cm <sup>2</sup>
	Sample whose depth is 2.5 cm or deeper when filled with liquid and the capacity of 3L and over		≤ 0.5 µg/cm <sup>2</sup>	≤ 1 µg/cm <sup>2</sup>