



# Test Report

Report No: KEYS240513084002RH-03

Date: May 17, 2024

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**Applicant** : Yiwu Bosheng Kitchenware Co., LTD  
**Address** : F, Building 3 Yaxing Weaving, Xufeng Industrial Zone, Suxi Town, Yiwu City, Jinhua City, Zhejiang Province, China  
**Manufacturer** : Yiwu Bosheng Kitchenware Co., LTD  
**Address** : F, Building 3 Yaxing Weaving, Xufeng Industrial Zone, Suxi Town, Yiwu City, Jinhua City, Zhejiang Province, China

The following merchandise was (were) submitted and identified by client as:

**Sample Name** : Seasoning pot  
**Trade Mark** : Rich Day Snow Square  
**Sample Model** : BS7013490000  
**Sample Received Date** : May 13, 2024  
**Testing Period** : May 13, 2024 To May 17, 2024  
**Test Requested** : European Commission Directive 1935/2004/EC, Regulation (EU) No.10/2011, Regulation (EU) 2016/1416, Regulation (EU) 2017/752, Regulation (EU) 2018/213, Regulation (EU) 2018/831 and Regulation (EU) 2020/1245 and Regulation (EU) 2023/1442 on plastic materials and articles intended to come into contact with food  
**Test Method** : Please refer to next page(s).  
**Test Result** : Please refer to next page(s).  
**Conclusion** : **PASS** (Based on test results)

Signed for and on behalf of



Tony Qian/Approved Signatory

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## Sample Description:

No.	Description	Material	Name
1	White plastic	PP	Seasoning bottle lid
2	Clear white plastic	PP	Seasoning bottle quantitative cap
3	Transparent glass	Glass	Seasoning bottle body

## Test Material Area And Simulant Liquid Volume

No.	Material Area	Simulant Volume
1	1 dm <sup>2</sup>	150ml
2	1 dm <sup>2</sup>	150ml
3	--	150ml

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**Test Result: No.1**

**1. Total Migration test**

**Test Method:** With reference to EN 13130-1:2004, Regulation (EU) 2023/1442, EN 1186-1:2002, EN 1186-2:2022, EN 1186-3:2022

Stimulant used	Test condition	Test Result (mg/dm <sup>2</sup> )			Maximum permissible Limit (mg/dm <sup>2</sup> )
		1st	2nd	3rd	
3 % acetic acid	2 hours at 100°C	<2.0	<2.0	<2.0	10
10 % ethanol	2 hours at 100°C	<2.0	<2.0	<2.0	10
50 % ethanol	2 hours at 100°C	<2.0	<2.0	<2.0	10

Note: Analytical tolerance of aqueous simulants is 1 mg/dm<sup>2</sup>

**2. Migration of Heavy Metals**

**Test Method:** Regulation (EU) 2023/1442, With reference to EN 13130-1:2004, analysis was performed by ICP-MS

**Test Condition:** 40°C for 2 hours in 3% Acetic acid

Test Item(s)	Unit	Result			MDL	Limit
		1st	2nd	3rd		
Soluble Aluminium (Al)	mg/kg	N.D.	N.D.	N.D.	0.01	1
Soluble Ammonium	mg/kg	N.D.	N.D.	N.D.	0.01	--
Soluble Antimony(Sb)	mg/kg	N.D.	N.D.	N.D.	0.01	0.04
Soluble Arsenic(As)	mg/kg	N.D.	N.D.	N.D.	0.002	0.002
Soluble Barium(Ba)	mg/kg	N.D.	N.D.	N.D.	0.01	1
Soluble Cadmium(Cd)	mg/kg	N.D.	N.D.	N.D.	0.002	0.002
Soluble Calcium(Ca)	mg/kg	N.D.	N.D.	N.D.	0.01	--
Soluble Chromium(Cr)	mg/kg	N.D.	N.D.	N.D.	0.002	0.002

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Test Item(s)	Unit	Result			MDL	Limit
		1st	2nd	3rd		
Soluble Cobalt(Co)	mg/kg	N.D.	N.D.	N.D.	0.01	0.05
Soluble Copper(Cu)	mg/kg	N.D.	N.D.	N.D.	0.01	5
Soluble Europium(Eu)	mg/kg	N.D.	N.D.	N.D.	0.01	0.05
Soluble Gadolinium(Gd)	mg/kg	N.D.	N.D.	N.D.	0.01	0.05
Soluble Iron(Fe)	mg/kg	N.D.	N.D.	N.D.	0.01	48
Soluble Lanthanum(La)	mg/kg	N.D.	N.D.	N.D.	0.01	0.05
Soluble Lead(Pb)	mg/kg	N.D.	N.D.	N.D.	0.002	0.002
Soluble Lithium(Li)	mg/kg	N.D.	N.D.	N.D.	0.01	0.6
Soluble Magnesium(Mg)	mg/kg	N.D.	N.D.	N.D.	0.01	--
Soluble Manganese(Mn)	mg/kg	N.D.	N.D.	N.D.	0.01	0.6
Soluble Mercury(Hg)	mg/kg	N.D.	N.D.	N.D.	0.002	0.002
Soluble Nickel(Ni)	mg/kg	N.D.	N.D.	N.D.	0.01	0.02
Soluble Potassium(K)	mg/kg	N.D.	N.D.	N.D.	0.01	--
Soluble Sodium(Na)	mg/kg	N.D.	N.D.	N.D.	0.01	--
Soluble Terbium(Tb)	mg/kg	N.D.	N.D.	N.D.	0.01	0.05
Soluble Zinc(Zn)	mg/kg	N.D.	N.D.	N.D.	0.01	5

**Note:**

1. mg/kg = ppm
2. N.D. = Not Detected (<MDL)
3. MDL = Method Detection Limit

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## Test Result: No.2

### 1. Total Migration test

**Test Method:** With reference to EN 13130-1:2004, Regulation (EU) 2023/1442, EN 1186-1:2002, EN 1186-2:2022, EN 1186-3:2022

Stimulant used	Test condition	Test Result (mg/dm <sup>2</sup> )			Maximum permissible Limit (mg/dm <sup>2</sup> )
		1st	2nd	3rd	
3 % acetic acid	2 hours at 100°C	<2.0	<2.0	<2.0	10
10 % ethanol	2 hours at 100°C	<2.0	<2.0	<2.0	10
50 % ethanol	2 hours at 100°C	<2.0	<2.0	<2.0	10

Note: Analytical tolerance of aqueous simulants is 1 mg/dm<sup>2</sup>

### 2. Migration of Heavy Metals

**Test Method:** Regulation (EU) 2023/1442, With reference to EN 13130-1:2004, analysis was performed by ICP-MS

**Test Condition:** 40°C for 2 hours in 3% Acetic acid

Test Item(s)	Unit	Result			MDL	Limit
		1st	2nd	3rd		
Soluble Aluminium (Al)	mg/kg	N.D.	N.D.	N.D.	0.01	1
Soluble Ammonium	mg/kg	N.D.	N.D.	N.D.	0.01	--
Soluble Antimony(Sb)	mg/kg	N.D.	N.D.	N.D.	0.01	0.04
Soluble Arsenic(As)	mg/kg	N.D.	N.D.	N.D.	0.002	0.002
Soluble Barium(Ba)	mg/kg	N.D.	N.D.	N.D.	0.01	1
Soluble Cadmium(Cd)	mg/kg	N.D.	N.D.	N.D.	0.002	0.002
Soluble Calcium(Ca)	mg/kg	N.D.	N.D.	N.D.	0.01	--
Soluble Chromium(Cr)	mg/kg	N.D.	N.D.	N.D.	0.002	0.002

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Test Item(s)	Unit	Result			MDL	Limit
		1st	2nd	3rd		
Soluble Cobalt(Co)	mg/kg	N.D.	N.D.	N.D.	0.01	0.05
Soluble Copper(Cu)	mg/kg	N.D.	N.D.	N.D.	0.01	5
Soluble Europium(Eu)	mg/kg	N.D.	N.D.	N.D.	0.01	0.05
Soluble Gadolinium(Gd)	mg/kg	N.D.	N.D.	N.D.	0.01	0.05
Soluble Iron(Fe)	mg/kg	N.D.	N.D.	N.D.	0.01	48
Soluble Lanthanum(La)	mg/kg	N.D.	N.D.	N.D.	0.01	0.05
Soluble Lead(Pb)	mg/kg	N.D.	N.D.	N.D.	0.002	0.002
Soluble Lithium(Li)	mg/kg	N.D.	N.D.	N.D.	0.01	0.6
Soluble Magnesium(Mg)	mg/kg	N.D.	N.D.	N.D.	0.01	--
Soluble Manganese(Mn)	mg/kg	N.D.	N.D.	N.D.	0.01	0.6
Soluble Mercury(Hg)	mg/kg	N.D.	N.D.	N.D.	0.002	0.002
Soluble Nickel(Ni)	mg/kg	N.D.	N.D.	N.D.	0.01	0.02
Soluble Potassium(K)	mg/kg	N.D.	N.D.	N.D.	0.01	--
Soluble Sodium(Na)	mg/kg	N.D.	N.D.	N.D.	0.01	--
Soluble Terbium(Tb)	mg/kg	N.D.	N.D.	N.D.	0.01	0.05
Soluble Zinc(Zn)	mg/kg	N.D.	N.D.	N.D.	0.01	5

**Note:**

1. mg/kg = ppm
2. N.D. = Not Detected (<MDL)
3. MDL = Method Detection Limit

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**Test Result: No.3**

## 1. Migration of lead and cadmium

**Test Method: 2005/31/EC**

Test item	Simulant Used	Test Condition	Result(mg/L)	Limit (mg/L)
Pb	4 % acetic acid	24 hours at 20 to 24°C	<0.1	4.0
Cd	4 % acetic acid	24 hours at 20 to 24°C	<0.01	0.3

### Limit as Below

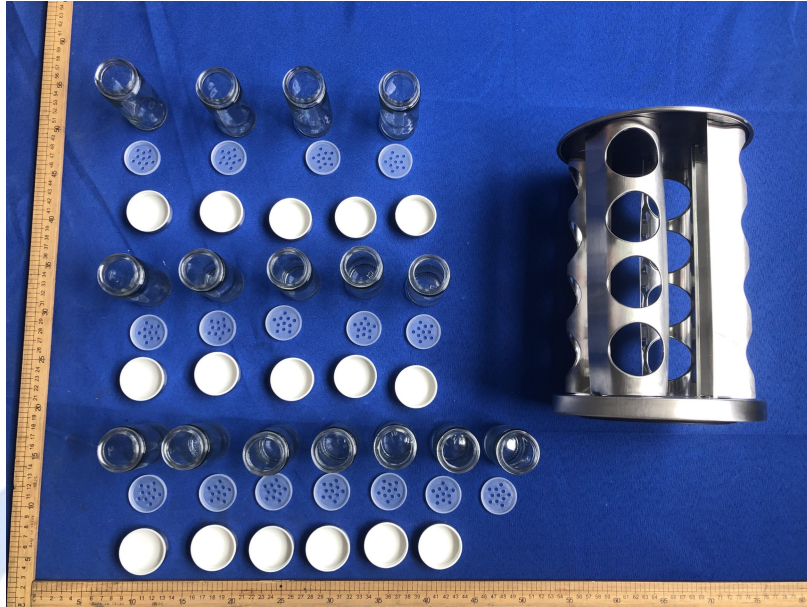
Category	Pb	Cd
Category 1: Articles which cannot be filled and articles which can be filled, the internal depth of which, measured from the lowest point to the horizontal plane passing through the upper rim, does not exceed 25 mm	0.8 mg/dm <sup>2</sup>	0.07 mg/dm <sup>2</sup>
Category 2: All other articles which can be filled	4.0 mg/l	0.3 mg/l
Category 3: Cooking ware; packaging and storage vessels having a capacity of more than three litres	1.5 mg/l	0.1 mg/l

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**Photo Sample:**



\*\*\* End of Report \*\*\*

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