

Report No.: B2504TR90111S08

Date: Apr. 10, 2025

**BORY**

## Test Report

**Applicant:** ANHUI HONYI INTERNATIONAL CORP.  
**Address:** B-2106, BUSINESS BLDG., WOYE GARDEN, GANQUAN RD., SHUSHAN DISTRICT, HEFEI, CHINA

### Report on the submitted sample(s) said to be:

**Sample Name:** Siphon Sucker Pump

**Trade Mark:** 

**Manufacturer:** ANHUI HONYI INTERNATIONAL CORP.

**Address:** B-2106, BUSINESS BLDG., WOYE GARDEN, GANQUAN RD., SHUSHAN DISTRICT, HEFEI, CHINA

**Sample Description:** Please refer to the following page(s).

**Sample model:** KL24433

**Sample Model No.:** KL25539, KL03896, KL03902, KL03919, KL03926, KL39222, KL39239, KL01212, KL16001

**Received Date:** Apr. 01, 2025

**Testing Period:** Apr. 01, 2025 ~ Apr. 10, 2025

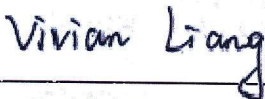
**Test Requested:** In accordance with German Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB), Section 30 & 31 to perform the following tests:

1. Sensorial examination of odour and taste
2. Overall migration
3. Specific Migration of Lead and Cadmium
4. Lead and Cadmium
5. Specific Migration of Heavy Metal

**Test Method:** Please refer to the following page(s).

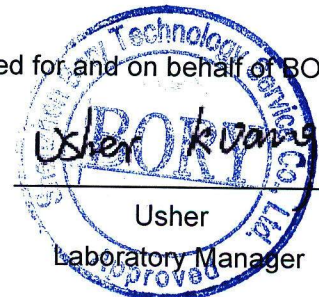
**Test Result:** Please refer to the following page(s).

Checked by



Vivian

Signed for and on behalf of BORY



Usher

Laboratory Manager

# Test Report

## Sample Description Assigned by Laboratory:

Test Item	Description	Client Claimed Material
001	Plastic shell of Siphon Sucker Pump	Plastic

### 1. Sensorial examination of odour and taste

**Test method:** With reference to DIN 10955. The submitted sample was filled with distilled water and operated at it's maximum power for 1 hours. After this treatment, treated water was examined by panels with regard to any divergence in smell and taste.

Migration condition: 40 °C for 10 days

Test Simulant: Water

The number of panelists: 6

### **Test Results:**

Testing Parameter	Grading Result	Recommended Level	Comment
	001		
Sensorial examination odour	1.0	2.5	Pass
Sensorial examination taste	1.0	2.5	Pass

Remark:

- Available grading are listed as follow:

Grading 0: No perceptible taste/smell deviation;

Grading 1: Just perceptible taste/smell deviation;

Grading 2: Weak taste/smell deviation;

Grading 3: Clear taste/smell deviation;

Grading 4: Strong taste/smell deviation.

### 2. Overall migration

German Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB), Section 30 & 31 with amendments, European Commission Regulation (EU) No 10/2011 with amendments and BfR recommendation – Overall migration.

#### **Test method:**

With reference to Commission Regulation (EU) No 10/2011 of 14 January 2011 Annex III and Annex V for selection of condition and EN 1186-1:2002 for selection of test methods; or EN 1186-9:2002 aqueous food simulants by article filling method; or EN 1186-14:2002 substitute test.

## Test Report

### Test Results:

Simulant Used	Time	Temperature	Max. Permissible Limit	Result of Overall Migration	Comment
				001	
3% Acetic Acid (W/V) Aqueous Solution	2.0hr(s)	100°C	10mg/dm <sup>2</sup>	<3.0mg/dm <sup>2</sup>	Pass
10% Ethanol (V/V) Aqueous Solution	2.0hr(s)	100°C	10mg/dm <sup>2</sup>	<3.0mg/dm <sup>2</sup>	Pass
95% Ethanol	4.0hr(s)	100°C	10mg/dm <sup>2</sup>	6.0mg/dm <sup>2</sup>	Pass
Isooctane	2.0hr(s)	100°C	10mg/dm <sup>2</sup>	6.0mg/dm <sup>2</sup>	Pass

#### Notes:

1. mg/kg = milligram per kilogram of foodstuff in contact with mg/dm<sup>2</sup> = milligram per square decimeter
2. °C = degree Celsius

### 3. Specific Migration of Lead and Cadmium

German Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB), Section 30 & 31 with amendments, European Commission Regulation (EU) No 10/2011 with amendments and BfR recommendation—Lead and Cadmium

**Test method:** Microwave digestion (GZTC CHEM-TOP-004-01), analysis was performed by ICP-OES..

Simulant Used: 3% Acetic Acid (W/V) Aqueous Solution

Test Condition: 100°Cx 0.5hr(s) follow by 40°Cx 10day(s)°C

#### Test Results:

Test Item(s)	Max. Permissible Limit	Unit	MDL	Test result
				001
Migration times	--	-	-	1st
Area/Volume	--	dm <sup>2</sup> /kg	-	3.7
Lead	★	mg/kg	0.01	ND
Cadmium	★	mg/kg	0.01	ND
Comment				Pass

#### Notes:

1. mg/kg = milligram per kilogram of foodstuff in contact with
2. °C = degree Celsius
3. MDL=Method Detection Limit
4. ND= Not Detected(less than MDL)
5. ★= Absent

## Test Report

### 4. Lead and Cadmium

German Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB), Section 30 & 31 with amendments, European Commission Regulation (EU) No 10/2011 with amendments and BfR recommendation—Lead and Cadmium.

**Test method:** Microwave digestion (GZTC CHEM-TOP-004-01) , analysis was performed by ICP-OES..

#### Test Results:

Test Item(s)	Limit	Unit	MDL	Test result	Comment
				001	
Lead	★	mg/kg	2	1st	Pass
Cadmium	★	mg/kg	2	ND	Pass

#### Notes:

1. mg/kg = milligram per kilogram of foodstuff in contact with
2. MDL=Method Detection Limit
3. ND= Not Detected(less than MDL)
4. ★= Absent

### 5. Specific Migration of Heavy Metal

Commission Regulation (EU) No 10/2011 of 14 January 2011 with amendments—Specific Migration of Heavy Metal

**Test method:** With reference to Commission Regulation (EU) No 10/2011 of 14 January 2011 Annex III and Annex V for selection of condition and EN13130-1:2004 for selection of test method, analysis was performed by ICP-OES.

Simulant Used: 3% Acetic Acid (W/V) Aqueous Solution

Test Condition: 100°Cx 0.5hr(s) follow by 40°Cx 10day(s)°C

#### Test Results:

Test Item(s)	Max. Permissible Limit	Unit	MDL	Test result
				001
Migration times	--	-	-	1st
Area/Volume	--	dm <sup>2</sup> /kg	-	3.7
Barium	1	mg/kg	0.25	ND
Cobalt	0.05	mg/kg	0.01	ND
Copper	5	mg/kg	0.25	ND
Iron	48	mg/kg	0.25	ND
Lithium	0.6	mg/kg	0.5	ND
Manganese	0.6	mg/kg	0.25	ND

## Test Report

Zinc	5	mg/kg	0.5	ND
Aluminum	1	mg/kg	0.1	ND
Nickel	2	mg/kg	0.01	ND
<b>Comment</b>				Pass

Notes:

1. mg/kg = milligram per kilogram of foodstuff in contact with
2. °C = degree Celsius
3. MDL=Method Detection Limit
4. ND= Not Detected(less than MDL)

# Test Report

The photo of the sample



\*\*\*End \*\*\*

This report is considered invalidated without the Special Seal for Inspection of the BORY, This report shall not be altered, increased or deleted. The results shown in this test report refer only to the sample(s) tested. Without written approval of BORY, this report shall not be copied except in full and published as advertisement.