

No. SHAHG1213261002

Date: 06 Aug 2012

Page 1 of 8

XINDAO HONG KONG CO.,LTD 15TH FLOOR, LZY TOWER, NO.4711 JIAO TONG ROAD

The following sample(s) was/were submitted and identified on behalf of the clients as : P261.181 HAND JUICER

SGS Job No. :	SHHG1207026556SD - SH
Country of Destination :	EU
Date of Sample Received :	31 Jul 2012
Testing Period :	31 Jul 2012 - 06 Aug 2012
Test Requested : Test Method : Test Results :	Selected test(s) as requested by client. Please refer to next page(s). Please refer to next page(s).
Conclusion :	When tested as specified, the tested parameters comply with the requirement stating in Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004 on Materials and Articles intended to come into contact with acidic foodstuff( $pH\leq4.5$ )

Signed for and on behalf of SGS-CSTC Ltd.

Hele Lin

Liu Haipeng, Helen Approved Signatory

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No. SHAHG1213261002

Date: 06 Aug 2012

Page 2 of 8

Test Results :

Test Part Description :

SGS Sample ID	Description
SHA12-132610.001	Silvery metal sheet with hole
SHA12-132610.002	Black silicoen rubber ring
SHA12-132610.003	Transparent glass bottle
SHA12-132610.004	Black plastic lid
SHA12-132610.005	P261.181 Hand juicer
	SGS Sample ID SHA12-132610.001 SHA12-132610.002 SHA12-132610.003 SHA12-132610.004 SHA12-132610.005

## **Overall migration**

Test Requested : For sample 002:In accordance with Council of Europe Resolution AP (2004) 5 and Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004. For material: Silicone rubber – Overall migration test.

For sample 004:To determine the Overall Migration for compliance with Commission Regulation (EU) No 10/2011 of 14 January 2011 and Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004 on plastic materials and articles intended to come into contact with food.

Test Method : With reference to EN1186-1:2002 for selection of conditions and test method; EN1186-3:2002 aqueous food simulants by total immersion method;

Simulant Used	<u>Time</u>	Temperature	Max. Permissible	Result of 002
			<u>Limit</u>	Overall Migration
3% Acetic Acid (W/V) Aqueous Solution	1.0hr	20°C	60mg/kg	<20mg/kg
Simulant Used	Time	<u>Temperature</u>	<u>Max. Permissible</u> <u>Limit</u>	<u>Result of 004</u> Overall Migration
3% Acetic Acid (W/V) Aqueous Solution	1.0hr	20°C	60mg/kg	<20mg/kg

Notes :

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No. SHAHG1213261002

Date: 06 Aug 2012

Page 3 of 8

- mg/kg = milligram per kilogram
- (2) °C=degree Celsius
- $(3) \le less than$
- (4) Analytical tolerance of aqueous simulants is 6mg/kg
- (5) Test condition & simulant were specified by client.

(6) For sample 002: The test data is obtained by considering the articles intended for repeated use as per described in Commission Regulation (EU) No 10/2011 of 14 January 2011 Annex V. Report the 3rd extractive result

## Sensorial examination odour and taste test

- Test Requested : In accordance with German Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB), Section 30 and 31, Germany recommendation and Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004 for metal release for sample Sensorial examination odour and taste test
- Sensory test with reference to DIN 10955:1983 (2004). Test Method : Test media: Distilled water; No.of panelist: 6

<u>Limit</u>	<u>005</u>
-	1
-	20
2.5	0
2.5	0
	<u>Limit</u> - 2.5 2.5

## Notes :

- Scale evaluation:
- 0: No perceptible odour
- 1: Odour just perceptible (still difficult to define)
- 2: Moderate odour
- 3: Moderately strong odour
- 4: Strong odour

## Leachable Lead and Cadmium

Test Requested : To determine the leachable Lead and Cadmium contents from the submitted samples with reference to European Council Directive 84/500/EEC (COUNCIL DIRECTIVE of 15 October 1984 on the approximation of the laws of the Member States relating to ceramic articles intended to come into contact with foodstuffs) and its amendment Commission Directive 2005/31/EC, and Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004.

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No. SHAHG1213261002

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Date: 06 Aug 2012 Page 4 of 8
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Test Method : With reference to EEC Directive 84/500/EEC and 2005/31/EC.Analysis was performed by ICP-OES.

Sample 003	Category 2		
1	Vol. of 4% Acetic acid used (ml) 665	<u>Depth</u> <u>(mm)</u> 129	<u>Diameter</u> <u>(mm)</u> 76
1	<u>Leachable Lead</u> (mg/L) <0.1	<u>Leachable Cad-</u> <u>mium (mg/L)</u> <0.01	
Limit	4.0	0.3	

## Notes :

- (1) Category 1: Articles that cannot be filled and articles that can be filled, the internal depth of which does not exceed 25 mm.
- (2) Category 2: Articles, not in categories 1 or 3, which can be filled
- (3) Category 3: Cooking ware; packaging and storage vessels having a capacity of more than three liters

## Extractable Heavy Metals

- Test Requested : In accordance with German Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB), Section 30 and 31, Germany recommendation and Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004 for metal release for sample For material: Metal or metallic coating-Extractable Heavy Metals
- Test Method : Sample preparation with reference to EN13130-1:2004; followed by analysis using ICP-OES.

## Sample 001

- Simulant Used : 3% Acetic Acid (W/V) Aqueous Solution
- Test Condition : 20.0 °C 1.0 hr

Max. Permissible	<u>Unit</u>	MDL	<u>Test Result</u>
<u>Limit</u>			
0.45	mg/dm²	0.01	ND
0.1	mg/dm²	0.01	ND
0.01	mg/kg	0.01	ND
0.005	mg/kg	0.005	ND
5	mg/kg	0.1	ND
	<u>Max. Permissible</u> <u>Limit</u> 0.45 0.1 0.01 0.005 5	Max. PermissibleUnitLimit	Max. Permissible Unit MDL   Limit 0.45 mg/dm² 0.01   0.1 mg/dm² 0.01   0.01 mg/dm² 0.01   0.01 mg/kg 0.01   0.05 mg/kg 0.005   5 mg/kg 0.1

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lest Report	No. SHAHG1213261002	Date: 06 Aug 2012		Page 5 of 8	
Extractable Cobalt	0.05	mg/kg	0.01	ND	
Extractable Aluminium	2	mg/kg	0.2	ND	

Notes :

- (1) mg/dm<sup>2</sup> =milligram per square decimeter
- (2) mg/kg = milligram per kilogram
- (3) MDL = Method Detection Limit
- (4) ND = Not Detected (< MDL)
- (5) Test condition & simulant were specified by client.

#### Specific Migration of Heavy Metal

- Test Requested : To determine the Specific Migration of Heavy Metal for compliance with Commission Regulation (EU) No 10/2011 of 14 January 2011 and Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004 on plastic materials and articles intended to come into contact with food.
- Test Method : Sample preparation with reference to EN13130-1:2004; analysis was performed by ICP-OES.

#### Sample 004

Simulant Used :	3% Acetic Acid (W/V) Aqueous Solution
Test Condition :	20 °C 1.0 hr

<u>Test Item(s)</u>	Max. Permissible	<u>Unit</u>	<u>MDL</u>	Test Result
	<u>Limit</u>			
Barium	1	mg/kg	0.25	ND
Cobalt	0.05	mg/kg	0.05	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
Zinc	25	mg/kg	0.5	ND

#### Notes :

- (1) MDL = Method Detection Limit
- (2) ND = Not Detected (< MDL)
- (3) Test condition & simulant were specified by client.

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No. SHAHG1213261002

Date: 06 Aug 2012

Page 6 of 8

Sample photo:



SHA12-132610.002

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#### No. SHAHG1213261002

#### Date: 06 Aug 2012

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Page 7 of 8
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No. SHAHG1213261002

Page 8 of 8





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