

Test Report

No. SHAHG1202417801

Date: 15 May 2012

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XINDAO HONG KONG CO.,LTD.

15TH FLOOR,LZY TOWER,4711 JIAO TONG ROAD

The following sample(s) was/were submitted and identified on behalf of the clients as : P433.22*BOPP HOT

SGS Job No. : SHHG1202005594SD - SH

Country of Destination : EU

Date of Sample Received : 01 Mar 2012

Testing Period : 01 Mar 2012 - 15 May 2012

Test Requested : Selected test(s) as requested by client.

Test Method : Please refer to next page(s).

Test Results : Please refer to next page(s).

Conclusion : When tested as specified, the tested parameters comply with the requirements stated in Commission Regulation (EU) No 10/2011 of 14 January 2011, the 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 on materials and articles intended to come into contact with aqueous foodstuff(pH>4.5), acidic foodstuff(pH≤4.5).

Signed for and on behalf of
SGS-CSTC Ltd.



Liu Haipeng, Helen
Approved Signatory

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Test Results :

Test Part Description :

Specimen No.	SGS Sample ID	Description
1	SHA12-024178.001	Black plastic lid with handle
2	SHA12-024178.002	Black plastic lid
3	SHA12-024178.003	Translucent silicone rubber ring

Overall migration

Test Requested : For sample 001, 002:

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.

For sample 003:

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.

Test Method : For sample 001:

With reference to EN1186-1:2002 for selection of conditions and test method;
EN1186-9:2002 aqueous food simulants by article filling method.

For sample 002, 003:

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

<u>Simulant Used</u>	<u>Time</u>	<u>Temperature</u>	<u>Max. Permissible</u> <u>Limit</u>	<u>Result of 001</u> <u>Overall Migration</u>
Deionized Water	4.0hr	100°C	60mg/kg	<20mg/kg
3% Acetic Acid (W/V) Aqueous Solution	4.0hr	100°C	60mg/kg	<20mg/kg
<u>Simulant Used</u>	<u>Time</u>	<u>Temperature</u>	<u>Max. Permissible</u> <u>Limit</u>	<u>Result of 002</u> <u>Overall Migration</u>
Deionized Water	4.0hr	100°C	60mg/kg	<20mg/kg
3% Acetic Acid (W/V) Aqueous Solution	4.0hr	100°C	60mg/kg	<20mg/kg
<u>Simulant Used</u>	<u>Time</u>	<u>Temperature</u>	<u>Max. Permissible</u> <u>Limit</u>	<u>Result of 003</u> <u>Overall Migration</u>

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Deionized Water	4.0hr	100°C	60mg/kg	<20mg/kg
3% Acetic Acid (W/V) Aqueous Solution	4.0hr	100°C	60mg/kg	33mg/kg

Notes :

- (1) mg/kg = milligram per kilogram
- (2) °C=degree Celsius
- (3) <= less than
- (4) Analytical tolerance of aqueous simulants is 6mg/kg
- (5) Test condition & simulant were specified by client.
- (6) For sample 003:The test data is obtained by considering the articles intended for repeated use as per described in EN 1186-1:2002 clause 9.8. Report the 3rd extractive result.

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 001

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

Test Condition : 100 °C 4.0 hr

<u>Test Item(s)</u>	<u>Max. Permissible</u> <u>Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>Test Result</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

Sample 002

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

Test Condition : 100 °C 4.0 hr

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<u>Test Item(s)</u>	<u>Max. Permissible</u> <u>Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>Test Result</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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Sample photo:



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*** End of Report ***

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