

Test Report No. HLL11/0486/1040 Date: July 15, 2011 Page 1 of 3

### **CTY TNHH SX TM HA PHONG**

LO I14, DUONG B1, KDC TAN THOI HIEP, Q.12, TP HCM VIET NAM

The following sample was submitted and identified on behalf of the client as Bamboo and ceramic.

SGS Job No. : HLL11/0486

Sample : AIR BUBBLE (LDPE)

Color : Transparent

Item No : NA Manufacturer : NA

Country of Origin : VIET NAM

Country of Distribution : USA

Sample Receiving Date : June 16, 2011

Testing Period : June 23 to July 15, 2011

Test Requested : Please refer to the result summary.

Methods and Results : Please refer to next page(s).

Result Summary

Test Requested	Conclusion	
1. Testing as per		
of 14 January 20		
Regulation No. 1		
a) Plastic – 0	Overall migration	PASS
b) Plastic – S	Specific Migration of Heavy Metal	PASS

Overall conclusion

The tested parameters comply with the requirement stating under EU Commission regulation No 10/2011 of 14 January	
2011 relating to plastic materials and articles intended to come into contact with foodstuffs	PASS

Signed for and on behalf of SGS Vietnam LTD



Tran Thi Lien Hardline and E&E Lab Manager

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#### **Test Results:**

# 1) Testing as per Commission Regulation (EU) No 10/2011

a) Plastic - Overall migration

Method: With reference to 82/711/EEC with its amendments and 2002/72/EC with its amendments for selection of condition and EN1186-1:2002 for selection of test method;

EN 1186-3:2002 agueous food simulants by total immersion method;

EN 1186-14:2002 substitute test.

Simulant Used	Test Condition	Result (mg/dm²) No.1	Detection Limit (mg/dm²)	Permissible Limit (mg/dm²)		
Distilled water	10 days at 40 ℃	N.D.	3.0	10		
3% Acetic Acid (W/V) Aqueous Solution	10 days at 40 ℃	N.D.	3.0	10		
50% Ethanol (V/V) Aqueous Solution	10 days at 40 ℃	N.D.	3.0	10		
Fatty food substitute						
95% Ethanol	10 days at 40 ℃	N.D.	3.0	10		
Isooctane	2 days at 20 ℃	N.D.	3.0	10		
Comment		PASS				

Note: 1. mg/dm<sup>2</sup> = milligram per square decimeter

- 2. °C = degree Celsius
- 3. N.D. = Not Detected
- 4. Permissible Limit is according to Commission Regulation (EU) No 10/2011 of 14 January 2011

#### b) Plastic - Specific Migration of Heavy Metal

Method: Sample preparation in 3% acetic acid at 40 °C for 10 days with reference to 82/711/EEC with its amendments and 2002/72/EC with its amendments for selection of condition and EN13130-1:2004 for selection of test method; followed by analysis using Inductively Coupled Argon Plasma Spectrometry.

Test Item	Result (mg/kg)	Detection Limit	Permissible Limit
l est item	No.1	(mg/kg)	(mg/kg)
Barium	N.D.	0.25	1
Cobalt	N.D.	0.01	0.05
Copper	N.D.	0.25	5
Iron	0.27	0.25	48
Lithium	N.D.	0.5	0.6
Manganese	N.D.	0.25	0.6
Zinc	N.D.	0.5	25
Comment	PASS		

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Note: 1. mg/kg = milligram per kilogram of foodstuff in contact with

2. °C = degree Celsius

3. N.D. = Not Detected

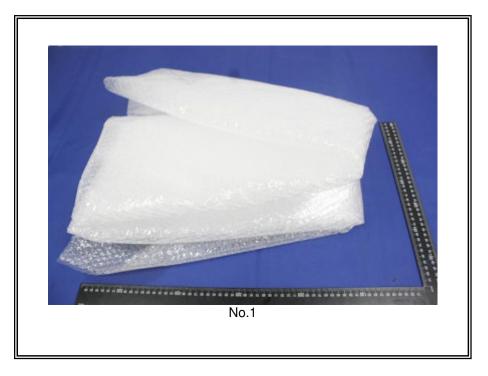
4. Permissible Limit is according to Commission Regulation (EU) No 10/2011 of 14 January 2011

Remark: All above tests were performed by SGS China.

Test Part Description:

No.1 Transparent plastic bubble sheet

# Sample photo:



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

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