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Test Report

SOUNDRICH CO., LTD.
C/O.49, PIH-DAU-LI, TAMSUI CHEN, TAIPEI HSIEN, TAIWAN

Report No: CY/2009/A0033
Date: 2009/10/12

The following merchandise was submitted & identified by the client as:

Type of Product: STAINLESS STEEL VACUUM FLASK IS COMPLY WITH FDA & EU STANDARD FOR CONTAINING BEVERAGES FOR HUMAN DRINKING

Date of Sample received: 2009/10/01

Test Requested:

1. Determination of leachable Lead and Cadmium content from pottery (ceramic) ware for Compliance with the American Food and Drug Administration (FDA) Compliance Policy Guides 7117.06 (12/12/95) and 7117.07 (12/12/95).
2. For compliance with EEC Directive on overall migration test of Plastic Material and Articles intended to come into contact with Foodstuffs (2002/72/EC) and Commission Directive 2008/39/EC (amendment of 2002/72/EC).

Test Method:

1. As specified in ASTMC738-94, Standard Methods of Test for Lead and Cadmium extracted from Glazed Ceramic Surface and AOAC 16TH Ed. Section 973.32, Lead and Cadmium in Earthenware. Analysis by Atomic Absorption techniques.
2. As specified in EEC : (82/711/EEC) for basic rules (testing conditions) necessary for testing migration of the constituents of plastic materials and articles intended to come into contact with Foodstuffs and Commission Directive 93/8/EEC (amendment of 82/711/EEC), 97/48/EC (second amendment of 82/711/EEC) and EN 1186.

Test Results:

Please refer to next page.

James Lu.
James Lu / Supervisor
Signed for and on behalf of
SGS TAIWAN LTD.
Chemical Laboratory – Taipei

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Test Results:

1.CLASSIFICATION AND LIMITATION OF TABLEWARE

Classification	Internal Depth (mm)	Internal Volume (ml)	Limit of Leachable Pb	Limit of Leachable Cd	
US FDA:					
PLATE/SAUCERS	≦ 25	—	3.0 ppm	0.50 ppm	*
FLATWARE					
SMALL HOLLOWWARE	> 25	< 1100	2.0 ppm	0.50 ppm	**
LARGE HOLLOWWARE	> 25	≧ 1100	1.0 ppm	0.25 ppm	**
CUPS/MUGS	> 25	< 1100	0.5 ppm	0.50 ppm	**
PITCHERS	—	—	0.5 ppm	0.25 ppm	**

REMARK : ppm = parts per million (mg/l)
L.T.= Less than
** = Any one of six specimens should comply with the limit
* = Average of six specimens should comply with the limit

Sample	Internal Depth (mm)	Leachable Pb content	Leachable Cd content	Volume of 4% Acetic acid
STAINLESS STEEL VACUUM FLASK IS COMPLY WITH FDA & EU STANDARD FOR CONTAINING BEVERAGES FOR HUMAN DRINKING				
1.	> 25	< 0.03 ppm	< 0.003 ppm	950 ml
2.	> 25	< 0.03 ppm	< 0.003 ppm	950 ml
3.	> 25	< 0.03 ppm	< 0.003 ppm	950 ml
4.	> 25	< 0.03 ppm	< 0.003 ppm	950 ml
5.	> 25	< 0.03 ppm	< 0.003 ppm	950 ml
6.	> 25	< 0.03 ppm	< 0.003 ppm	950 ml

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Test Results:
2.Overall migration test of plastic material and articles

Simulant used	No.2	No.3	No.4	No.5	Limit
	Overall Migration (mg/dm^2)				(mg/dm^2)
Deionized Water	2.2	1.4	4.2	1.6	10

Sample Description:
No.1 Silver colored metal container.
No.2 White plastic.
No.3 Black plastic.
No.4 Translucent-white silica gel.
No.5 White plastic bowl

Note: Contact time : 2 hours < t ≤ 4 hours
Contact temperature : 40℃ < Temp. ≤ 70℃
Test condition : 70℃, 4 hours
Testing period : 2009/10/02-10/12
< = Less than

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Date: 2009/10/12
Page : 4 OF 6





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