



Test Report

No.: T31620282982SC

Date: JAN 06, 2017

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BIC GRAPHIC
14421 MYERLAKE CIRCLE
CLEARWATER PINELLAS
FL 33760 UNITED STATES

The following samples were submitted and identified on behalf of the client as:

CLASSIC IRONSTONE MUG – 11 OZ. (COLORS)

SGS Case No. : CA316202852079
Item No. : 45121C
P.O. No. : 7917
Quantity Submitted : 27 PCS OF 3 STYLES
Manufacturer Date : 2016
Country of Origin : CHINA
Country of Destination : CANADA, UNITED STATES
Sample Receiving Date : DEC 29, 2016
Test Performing Date : DEC 29, 2016 – JAN 06, 2017

Test Requested : Please refer to the result summary.

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

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Result Summary :

Test Requested	Conclusion
1. Handle static loading strength (SGS In-House Method)	PASS
2. Handle Impact Resistance Strength (SGS In-House Method)	PASS
3. US FDA CPG Sec. 545.400 and CPG Sec. 545.450 Pottery (Ceramics) – Leachable Lead and Cadmium	PASS

Conclusion	:	PASS	X
		FAIL	
		INCONCLUSIVE	

Signed for and on behalf of
SGS Hong Kong Ltd.



Che Wai Leuk, Jerry
Technical Manager

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Test Results :

Test Property	Test Method	Test Principle / Requirements	Result/Actual finding
1. Handle static loading strength	SGS In-House Method	Shall not detach or loosen after subjecting to loading equivalent to 2 times of its capacity of water for 1 hour.	PASS Tested Load: 660g (For All 3 styles of Mugs)
2. Handle Impact strength (Applicable to ceramic item)	SGS In-House Method	The rim and handle shall withstand impact of 0.05J impact energy without visible damage or chipping.	PASS No breakage or damage occurred on all 3 tested samples at 0.05J (For All 3 styles of Mugs)

3. US FDA CPG Sec. 545.400 and CPG Sec. 545.450 Pottery (Ceramics) – Leachable Lead and Cadmium

Method : With reference to AOAC 18th Ed. (2005) Section 973.32. Analysis was performed by Atomic Absorption Spectrometry.

Internal Surface (Cup and Mug)

Test Item	Black Ceramic (Mug) (#1 – 45121C)						Reporting Limit	Limit
	1	2	3	4	5	6		
Released Lead (µg/mL)	ND	ND	ND	ND	ND	ND	0.1	0.5
Released Cadmium (µg/mL)	ND	ND	ND	ND	ND	ND	0.01	0.5
Volume of 4% Acetic acid (mL)	300	300	300	300	300	300	--	--
Internal Depth (mm)	87	87	87	87	87	87	--	--
Diameter (mm)	74	74	74	74	74	74	--	--
Comment	PASS						--	--

Test Item	Red Ceramic (Mug) (#3 – 45121C)						Reporting Limit	Limit
	1	2	3	4	5	6		
Released Lead (µg/mL)	ND	ND	ND	ND	ND	ND	0.1	0.5
Released Cadmium (µg/mL)	ND	ND	ND	ND	ND	ND	0.01	0.5
Volume of 4% Acetic acid (mL)	300	300	300	300	300	300	--	--
Internal Depth (mm)	87	87	87	87	87	87	--	--
Diameter (mm)	74	74	74	74	74	74	--	--
Comment	PASS						--	--

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Test Results (cont'd) :

Test Item	Dk. Blue Ceramic (Mug) (#4 – 45121C)						Reporting Limit	Limit
	1	2	3	4	5	6		
Released Lead (µg/mL)	ND	ND	ND	ND	ND	ND	0.1	0.5
Released Cadmium (µg/mL)	ND	ND	ND	ND	ND	ND	0.01	0.5
Volume of 4% Acetic acid (mL)	300	300	300	300	300	300	--	--
Internal Depth (mm)	87	87	87	87	87	87	--	--
Diameter (mm)	74	74	74	74	74	74	--	--
Comment	PASS						--	--

Note : 1. µg/mL = microgram per liter
 2. ND = Not Detected

Remark : 1. Flatware – Articles which cannot be filled and articles which can be filled, the internal depth of which does not exceed 25 mm.
 2. Small Hollowware – Articles which can be filled with the internal depth of which exceed 25 mm and capacity of less than 1.1 liter.
 3. Large Hollowware – Articles which can be filled with the internal depth of which exceed 25 mm and capacity of 1.1 liter or more.



*** End of Report ***

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