



Test Report

No.: T31620282958SC

Date: JAN 06, 2017

Page 1 of 6

BIC GRAPHIC
14421 MYERLAKE CIRCLE
CLEARWATER PINELLAS
FL 33760 UNITED STATES

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

CITRUS MUG – 14 OZ.

SGS Case No.	:	CA316202851489
Item No.	:	45821
P.O. No.	:	7918
Quantity Submitted	:	45 PCS OF 5 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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Test Report

No.: T31620282958SC

Date: JAN 06, 2017

Page 2 of 6

Result Summary :

Test Requested	Conclusion
1. Handle static loading strength (SGS In-House Method) (Selected test part as specified by client)	PASS
2. Handle Impact Resistance Strength (SGS In-House Method) (Selected test part as specified by client)	PASS
3. US FDA CPG Sec. 545.400 and CPG Sec. 545.450 Pottery (Ceramics) – Leachable Lead and Cadmium	PASS
4. US SGCD and the Coalition for Safe Ceramicware (CSC) (Lip and Rim Area of Glass Tumblers Externally Decorated with Ceramic Glass Enamels) – 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 Report

No.: T31620282958SC

Date: JAN 06, 2017

Page 3 of 6

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 for Red Style Tested Load: 750g
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 for Red Style No breakage or damage occurred on all 5 tested samples at 0.05J

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	Orange Ceramic (Mug) (#1 – 45821)						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)	340	340	340	340	340	340	--	--
Internal Depth (mm)	99	99	99	99	99	99	--	--
Diameter (mm)	88	88	88	88	88	88	--	--
Comment	PASS						--	--

Test Item	Green Ceramic (Mug) (#2 – 45821)						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)	340	340	340	340	340	340	--	--
Internal Depth (mm)	99	99	99	99	99	99	--	--
Diameter (mm)	88	88	88	88	88	88	--	--
Comment	PASS						--	--

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Test Report

No.: T31620282958SC

Date: JAN 06, 2017

Page 4 of 6

Test Results (cont'd) :

Test Item	Red Ceramic (Mug) (#3 – 45821)						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)	340	340	340	340	340	340	--	--
Internal Depth (mm)	99	99	99	99	99	99	--	--
Diameter (mm)	88	88	88	88	88	88	--	--
Comment	PASS						--	--

Test Item	Yellow Ceramic (Mug) (#4 – 45821)						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)	340	340	340	340	340	340	--	--
Internal Depth (mm)	99	99	99	99	99	99	--	--
Diameter (mm)	88	88	88	88	88	88	--	--
Comment	PASS						--	--

Test Item	Blue Ceramic (Mug) (#5 – 45821)						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)	340	340	340	340	340	340	--	--
Internal Depth (mm)	99	99	99	99	99	99	--	--
Diameter (mm)	88	88	88	88	88	88	--	--
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.

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Test Report

No.: T31620282958SC

Date: JAN 06, 2017

Page 5 of 6

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4. US SGCD and the Coalition for Safe Ceramicware (CSC) (Lip and Rim Area of Glass Tumblers Externally Decorated with Ceramic Glass Enamels) & US California Proposition 65 (Superior Court of the State of California – County of San Francisco Case No. CGC-04-436729) – Leachable Lead and Cadmium

Lip and Rim Area

Method : With reference to ASTM C927-80 (reapproved 2014). Analysis was performed by Atomic Absorption Spectrometry.

Trial	Depth (mm)	Diameter (mm)	Extract Volume (mL)	Result (µg/mL)		Permissible Limit (µg/mL)		Comment
				1-5				
				Lead	Cadmium	Lead	Cadmium	
1	99	88	200	< 0.05	< 0.01	--	--	--
2	99	88	200	< 0.05	< 0.01	--	--	--
3	99	88	200	< 0.05	< 0.01	--	--	--
4	99	88	200	< 0.05	< 0.01	--	--	--
5	99	88	200	< 0.05	< 0.01	--	--	--
6	99	88	200	< 0.05	< 0.01	--	--	--
SGCD and CSC (Average of six):				< 0.05	< 0.01	4.0	0.4	PASS

Sample Description :

1. Orange Ceramic w/ Orange Color on Rim (Mug) (#6 – 45821)
2. Green Ceramic w/ Green Color on Rim (Mug) (#7 – 45821)
3. Red Ceramic w/ Red Color on Rim (Mug) (#8 – 45821)
4. Yellow Ceramic w/ Yellow Color on Rim (Mug) (#9 – 45821)
5. Blue Ceramic w/ Blue Color on Rim (Mug) (#10 – 45821)

Note : 1. < = less than
2. µg/mL = microgram per millilitre

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Test Report

No.: T31620282958SC

Date: JAN 06, 2017

Page 6 of 6



*** End of Report ***

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