

Test Report

No. CANHG1821500901

Date: 26 Oct 2018

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SUN-FLY INT'I BUSINESS DEVELOPMENT LTD.

ROOM 301, TENGHUI BUILDING, NO.28 ZHUCUN BEIHUAN ROAD, TIANHE DISTRICT, GUANGZHOU, CHINA, 510660

The following sample(s) was/were submitted and identified on behalf of the clients as : 11oz Ceramic Color Rim Mug

SGS Job No. : GZHL1810045490CW - GZ
 Tested Sample Info. : Style / Item No.: SFS-MG03
 Client Ref. Info. : SFS-MG02 11oz Ceramic Inner Color Mug; SFS-MG09 11oz Ceramic Inner & Rim Color Mug; SFS-MG46 12oz Ceramic Inner & Rim Color Mug
 Date of Sample Received : 19 Oct 2018
 Testing Period : 19 Oct 2018 - 26 Oct 2018
 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).

Result Summary :

Test Requested	Conclusion
US California Proposition 65 (Superior Court of the State of California – County of San Francisco Case No. 938430) – Leachable Lead and Cadmium Content (internal surface)	PASS
US FDA CPG Sec. 545.400 (CPG 7117.06) and CPG Sec. 545.450 (CPG 7117.07) Pottery(Ceramics) - Leachable Lead and Cadmium Content (Internal surface)	PASS
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 Content	PASS
US California Proposition 65 (Superior Court of the State of California - County of San Francisco Case No. CGC 05 440811 and CGC 04-436729) - Leachable Lead and Cadmium Content (Lip and Rim Area)	PASS
US California Proposition 65 (Superior Court of the State of California – County of San Francisco Case No. CGC 04 436429 and CGC-10-505856) – Lead and Cadmium Content (Exterior decoration by NIOSH 9100)	PASS



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Signed for and on behalf of
SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch

Alpher Qiu

Alpher Qiu
Approved Signatory



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Test Results :

Test Part Description :

Specimen No.	SGS Sample ID	Description	Material (claimed by the client)
SN1	CAN18-215009.001	Ceramic mug	Ceramic

US California Proposition 65 (Superior Court of the State of California – County of San Francisco Case No. 938430) – Leachable Lead and Cadmium Content (internal surface)

Test Method : With reference to AOAC 18th Ed. (2005) Section 973.32. Analysis was performed by ICP-OES.

Sample 001 Internal Surface (Cup and Mug)

	<u>Extract Volume</u> (mL)	<u>Depth</u> (mm)
1	350	88
2	350	88
3	350	88
4	350	88
5	350	88
6	350	88
7	350	88
8	350	88
9	350	88
10	350	88
11	350	88
12	350	88



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	<u>Leachable Lead</u> ($\mu\text{g/mL}$)	<u>Leachable Cad-</u> <u>mium ($\mu\text{g/mL}$)</u>
1	<0.05	<0.01
2	<0.05	<0.01
3	<0.05	<0.01
4	<0.05	<0.01
5	<0.05	<0.01
6	<0.05	<0.01
7	<0.05	<0.01
8	<0.05	<0.01
9	<0.05	<0.01
10	<0.05	<0.01
11	<0.05	<0.01
12	<0.05	<0.01
Average	<0.05	<0.01
Limit	0.100	0.189

Notes :

Flatware: Ceramic articles which have an internal depth, as measured from the lowest point to the horizontal plane passing through the upper rim, that does not exceed 25 mm.

Hollowware: Ceramic articles having an internal depth, as measured from the lowest point to the horizontal plane passing through the upper rim, greater than 25 mm.

Small hollowware: A capacity of less than 1.1 liter.

Large hollowware: A capacity of 1.1 liter or more.

Cups and mugs: Small ceramic hollowware vessels commonly used for consumption of beverages.

Pitchers: Large ceramic hollowware vessels (sometimes known as jugs) commonly used for the storage and dispensing of fruit and vegetable juices or other acidic beverages at or below room temperature which are normally manufactured without a lid but with a handle and lip spout.

The reference limit applied in testing is based on particular California Proposition 65 settlements that are most similar to the tested product in the opinion of the lab. The testing in this report does not reflect a user's actual exposure to the tested chemical.

A manufacturer or retailer that is not named in the referenced settlement is not bound by that settlement, and may choose to comply with California Proposition 65 by clearly informing the consumer of potential exposure.

US FDA CPG Sec. 545.400 (CPG 7117.06) and CPG Sec. 545.450 (CPG 7117.07) Pottery(Ceramics) - Leachable Lead and Cadmium Content (Internal surface)

Test Method : With reference to AOAC 18th Ed. (2005) Section 973.32. Analysis was performed by ICP-OES.



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Sample 001 Cup and mug

	<u>Extract Volume</u> (mL)	<u>Depth</u> (mm)
1	350	88
2	350	88
3	350	88
4	350	88
5	350	88
6	350	88

	<u>Leachable Lead</u> (µg/mL)	<u>Leachable Cadmium</u> (µg/mL)
1	<0.05	<0.01
2	<0.05	<0.01
3	<0.05	<0.01
4	<0.05	<0.01
5	<0.05	<0.01
6	<0.05	<0.01
Limit	0.5	0.5

Notes :

- Flatware: Ceramic articles which have an internal depth, as measured from the lowest point to the horizontal plane passing through the upper rim, that does not exceed 25 mm.
- Hollowware: Ceramic articles having an internal depth, as measured from the lowest point to the horizontal plane passing through the upper rim, greater than 25 mm.
- Small hollowware: A capacity of less than 1.1 liter.
- Large hollowware: A capacity of 1.1 liter or more.
- Cups and mugs: Small ceramic hollowware vessels commonly used for consumption of beverages.
- Pitchers: Large ceramic hollowware vessels (sometimes known as jugs) commonly used for the storage and dispensing of fruit and vegetable juices or other acidic beverages at or below room temperature which are normally manufactured without a lid but with a handle and lip spout.

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 Content

Test Method : With reference to ASTM C927-80 (2014). Analysis was performed by ICP-OES.

Sample 001 lip and rim



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	<u>Internal Volume</u> (mL)	<u>Extract Volume</u> (mL)	<u>Depth</u> (mm)
1	350	230	88
2	350	230	88
3	350	230	88
4	350	230	88
5	350	230	88
6	350	230	88

	<u>Leachable Lead</u> (µg/mL)	<u>Leachable Cadmium</u> (µg/mL)
1	<0.05	<0.01
2	<0.05	<0.01
3	<0.05	<0.01
4	<0.05	<0.01
5	<0.05	<0.01
6	<0.05	<0.01
Average	<0.05	<0.01
Limit	4.0	0.4

US California Proposition 65 (Superior Court of the State of California - County of San Francisco Case No. CGC 05 440811 and CGC 04-436729) - Leachable Lead and Cadmium Content (Lip and Rim Area)

Test Method : With reference to ASTM C927-80 (2014). Analysis was performed by ICP-OES.

Sample 001 Lip and Rim Area

	<u>Internal Volume</u> (mL)	<u>Extract Volume</u> (mL)	<u>Depth</u> (mm)
1	350	230	88
2	350	230	88
3	350	230	88
4	350	230	88
5	350	230	88
6	350	230	88



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	<u>Leachable Lead</u> ($\mu\text{g/mL}$)	<u>Leachable Cad-</u> <u>mium ($\mu\text{g/mL}$)</u>
1	<0.05	<0.01
2	<0.05	<0.01
3	<0.05	<0.01
4	<0.05	<0.01
5	<0.05	<0.01
6	<0.05	<0.01
Average	<0.05	<0.01
Limit	0.5	2.0

Notes :

The reference limit applied in testing is based on particular California Proposition 65 settlements that are most similar to the tested product in the opinion of the lab. The testing in this report does not reflect a user's actual exposure to the tested chemical.

A manufacturer or retailer that is not named in the referenced settlement is not bound by that settlement, and may choose to comply with California Proposition 65 by clearly informing the consumer of potential exposure.

US California Proposition 65 (Superior Court of the State of California – County of San Francisco Case No. CGC 04 436429 and CGC-10-505856) – Lead and Cadmium Content (Exterior decoration by NIOSH 9100)

Test Method : With reference to NIOSH 9100, followed by analysis using ICP-MS.

<u>Test Item(s)</u>	<u>Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>001</u>
Lead (Pb)	1.0	μg	0.5	ND
Cadmium (Cd)	1.0	μg	0.5	ND
Comment				PASS

Notes :

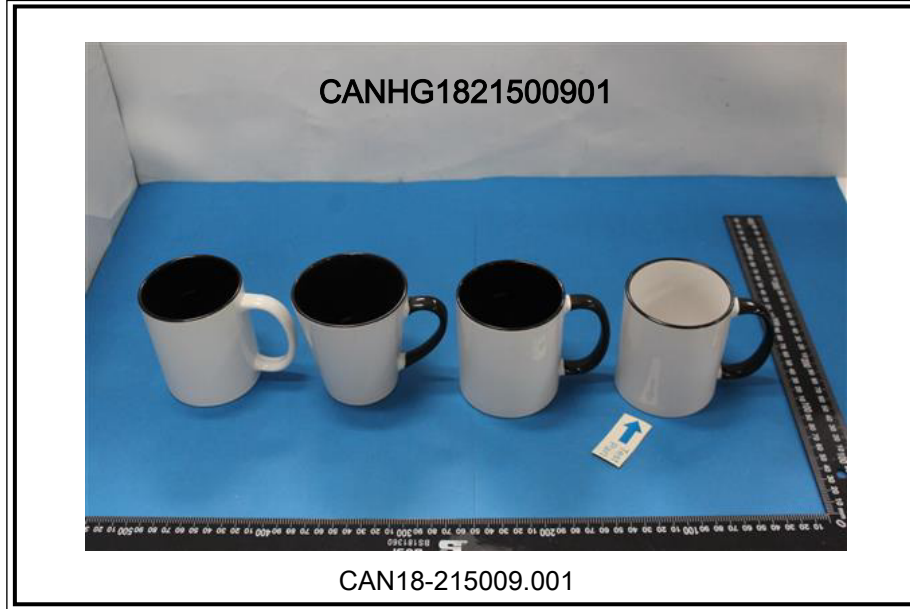
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*** End of Report ***