

# Test Report

No. CANEC1813479401

Date: 16 Jul 2018

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SHENZHEN BLX-SILICONE TECHNOLOGY COMPANY  
 31 JIXIANG ROAD,PINGDI STREET, LONGGANG DISTRICT, SHENZHEN

The following sample(s) was/were submitted and identified on behalf of the clients as : Reusable glass cup with silicone sleeve and lid

SGS Job No. : CP18-036020 - GZ  
 Date of Sample Received : 04 Jul 2018  
 Testing Period : 04 Jul 2018 - 12 Jul 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
FDA 21 CFR 177.2600–Total extractive residues	PASS
US FDA CPG Sec. 545.400 (CPG 7117.06) and CPG Sec. 545.450 (CPG 7117.07) Pottery (Ceramics) and California Tableware Safety Law – Leachable Lead and Cadmium Content (Internal surface)	PASS

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

*Fannie Chen*

Fannie Chen  
 Review



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Test Results :

Test Part Description :

Specimen No.	SGS Sample ID	Description	Material (claimed by the client)
SN1	CAN18-134794.001	Transparent glass	glass
SN2	CAN18-134794.002	Grey silicone	silicone

**FDA 21 CFR 177.2600–Total extractive residues**

Test Method : With reference to US FDA 21 CFR 177.2600.

<u>Simulant Used</u>	<u>Time</u>	<u>Temperature</u>	<u>Max. Permissible Limit</u>	<u>Result of 002</u>	<u>Comment</u>
Distilled Water	7.0hr(s)	Reflux temperature	20mg/sq. in	<0.5mg/sq. in	PASS
Succeeding Extraction	2.0hr(s)	Reflux temperature	1mg/sq. in	<0.5mg/sq. in	PASS
n-Hexane	7.0hr(s)	Reflux temperature	175mg/sq. in	6.2mg/sq. in	PASS
Succeeding Extraction	2.0hr(s)	Reflux temperature	4mg/sq. in	<0.5mg/sq. in	PASS

Notes :

mg/inch<sup>2</sup>= milligram per square inch

**US FDA CPG Sec. 545.400 (CPG 7117.06) and CPG Sec. 545.450 (CPG 7117.07) Pottery (Ceramics) and California Tableware Safety Law – 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** Cup and mug

	<u>Extract Volume (mL)</u>	<u>Depth (mm)</u>
1	360	100
2	360	100
3	360	100
4	360	100
5	360	100
6	360	100



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	<u>Leachable Lead</u> ( $\mu\text{g/mL}$ )	<u>Leachable Cad-</u> <u>mium (<math>\mu\text{g/mL}</math>)</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
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.



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Sample photo:



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

