

XIAMEN BETTER SILICONE RUBBER CO., ITD

2F, NO.165 TONG'AN PARK, INDUSTRY CLUSTER ZONE, TONG'AN DISTRICT, XIAMEN CITY, CHINA


The following sample(s) was/were submitted and identified on behalf of the client as:

Sample Description : FDA SILICONE SEAL--  
 SGS Ref No. : CANHG1822839801  
 Style / Item No. : NOZZLE CAP – SILICONE SEAL—D386001  
 Sample Receiving Date : Nov. 1, 2018  
 Test Performing Date : Nov. 1, 2018 to Dec. 14, 2018  
 Test Performed : Selected test(s) as requested by applicant  
 Test Result(s) : For further details, please refer to the following page(s)

Result Summary :

Test Requested	Conclusion
FDA 21 CFR 177.1210—Chloroform-soluble extractive residues	PASS
FDA 21 CFR 177.2600—Total extractive residues	PASS
Council of Europe Resolution AP (2004) 5 – Overall migration	PASS

Signed for and on behalf of  
 Xiamen Branch, SGS-CSTC Co., Ltd.



Sharky Xia  
 Approved Signatory



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Test Results :

Test Part Description :

Specimen No.	SGS Sample ID	Description	Material (claimed by the client)
SN1	CAN18-228398.001	Translucent silicone rubber ring	Silicone rubber

**FDA 21 CFR 177.1210—Chloroform-soluble extractive residues**

Test Method : With reference to US FDA 21 CFR 177.1210.

<u>Simulant Used</u>	<u>Time</u>	<u>Temperature</u>	<u>Max. Permissible Limit</u>	<u>Result of 001</u>	<u>Comment</u>
8% Ethanol	24.0hr(s)	120°F	50ppm	<5ppm	PASS
n-Heptane	0.5hr(s)	70°F	50ppm	<5ppm	PASS
Distilled Water	24.0hr(s)	120°F	50ppm	<5ppm	PASS

Notes :

1. ppm = mg/kg = milligram per kilogram of foodstuff in contact with
2. Test sample was applied to container with capacity of 0.65L.

**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 001</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	9.3mg/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



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### Council of Europe Resolution AP (2004) 5 – Overall migration

Test Method : With reference to Commission Regulation (EU) No 10/2011 of 14 January 2011 Annex III and Annex V for selection of condition and EN 1186-1:2002 for selection of test methods; or EN 1186-3:2002 aqueous food simulants by total immersion method;

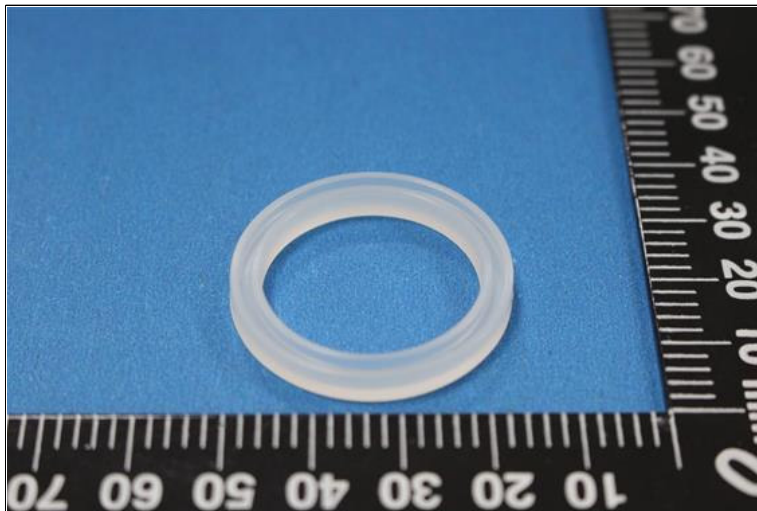
<u>Simulant Used</u>	<u>Time</u>	<u>Temperature</u>	<u>Max. Permissible</u> <u>Limit</u>	<u>Result of 001</u> <u>Overall Migration</u>	<u>Comment</u>
20% Ethanol (V/V) Aqueous Solution	240.0hr(s)	40°C	60mg/kg	<20mg/kg	PASS

Notes :

1. mg/dm<sup>2</sup> = milligram per square decimeter  
mg/kg = milligram per kilogram of foodstuff in contact with
2. °C = degree Celsius
3. Analytical tolerance of aqueous simulants is 2mg/dm<sup>2</sup> or 12mg/kg
4. Analytical tolerance of fatty food simulants is 3mg/dm<sup>2</sup> or 20mg/kg
5. Result(s) was/were calculated based on the volume of the sealed container provided by client, and applied to container with capacity of 0.65L.

Remark : This test was subcontracted to Guangzhou Branch, SGS-CSTC Co., Ltd.

Sample photo:



CANHG1822839801

CAN18-228398.001

The testing report/certificate only refers to the sample(s) tested.

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



Remark : This test was subcontracted to XXX Branch, SGS-CSTC Co., Ltd.

Remark: According to client's statements, the Style/Item No.xxx as stated on the first page are identical to test sample.

Remark: According to client's statements the tested samples are used in their products shown in the product photos.

Remark: This test report is issued based on the modification of the original No. GZHLYMMXXXXXXXXX test report issued on MMM. DD,YYYY. And the original report is still valid. According to applicant's requirements, following changes are included:

- a. Change of applicant's name.
- b. Change of applicant's address.

Remark: This test report is to supersede No. GZHLYMMXXXXXXXXX test report which was issued on MMM. DD,YYYY. And the original test reports (paper and electronic) are invalid.

Remark: The report is the English version of Chinese test report GZHLYMMXXXXXXXXZZ. The Chinese version shall prevail in case of discrepancy between the Chinese version and English version.

Remark: The English version test report is issued according to the applicant's request. The Chinese version is available from SGS if further needed.

