

## Test Report

No.: SHHL2103009368CW

Date: MAR. 30, 2021

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DIGITAL ON DEMAND

44 GARDEN STREET, UNIT 3, DANVERS, MA 01923 US

Sample Description : STAINLESS STEEL TUMBLER  
Country of Origin : CHINA  
Country of Destination : US  
\*\*\*\*\*  
Sample Receiving Date : MAR. 09, 2021  
Testing Period : MAR. 09, 2021 TO MAR. 30, 2021  
Test Performed : SELECTED TEST(S) AS REQUESTED BY APPLICANT  
Test Requested : SELECTED TEST(S) AS REQUESTED BY APPLICANT  
Test Result(s) : FOR FURTHER DETAILS, PLEASE REFER TO THE FOLLOWING PAGE(S)  
Conclusion : THE SUBMITTED SAMPLE MET THE TEST REQUIREMENT.

Signed for and on behalf of  
SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.



Geng Lu  
Authorized Signatory



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**Test Conducted:**

Test Part Description :

Specimen No.	SGS Sample ID	Description	Material (claimed by the client)
SN1	SHA21-039237.001	Silvery metal bottle	Stainless steel 304
SN2	SHA21-039237.002	Translucent silicone rubber ring	Silicone rubber

Remarks :

- (1) mg/dm<sup>2</sup> = milligram per square decimeter
- (2) mg/kg = milligram per kilogram
- (3) °C= degree Celsius
- (4) < = less than
- (5) MDL = Method Detection Limit
- (6) ND = Not Detected ( < MDL)

**US FDA 21 CFR 177.2600- Total extractives**

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 Total extractives</u>	<u>Comment</u>
Distilled water	7.0hr(s)	Reflux temperature	20mg/inch <sup>2</sup>	<0.5mg/inch <sup>2</sup>	PASS
Distilled water Succeeding extraction	2.0hr(s)	Reflux temperature	1mg/inch <sup>2</sup>	<0.5mg/inch <sup>2</sup>	PASS

**US FDA Generally Recognized As Safe (GRAS) Specifications –Total Chromium content in stainless steel**

Test Method : Titration method

<u>Test Item(s)</u>	<u>Limit</u>	<u>001</u>
Total Chromium,%	≥16	18.1
<b>Conclusion</b>		<b>PASS</b>



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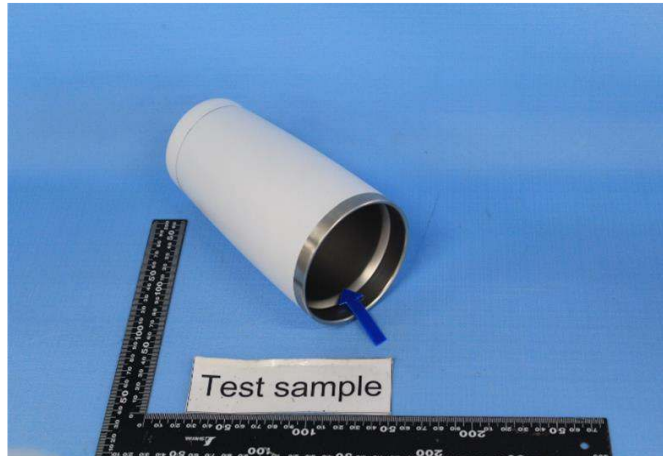
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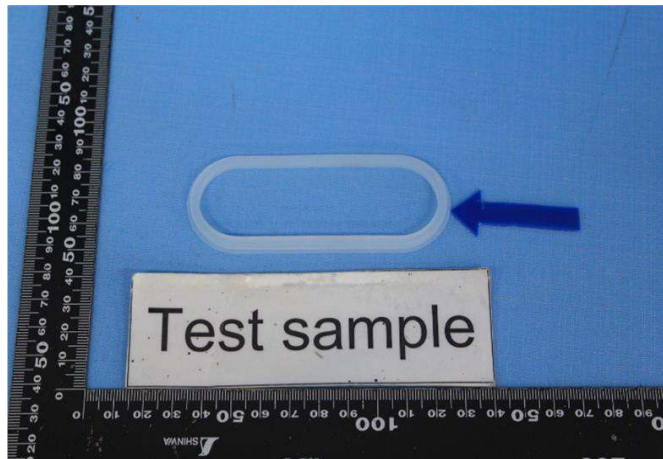
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Sample photo:



SHAHG2103923701

SHA21-039237.001



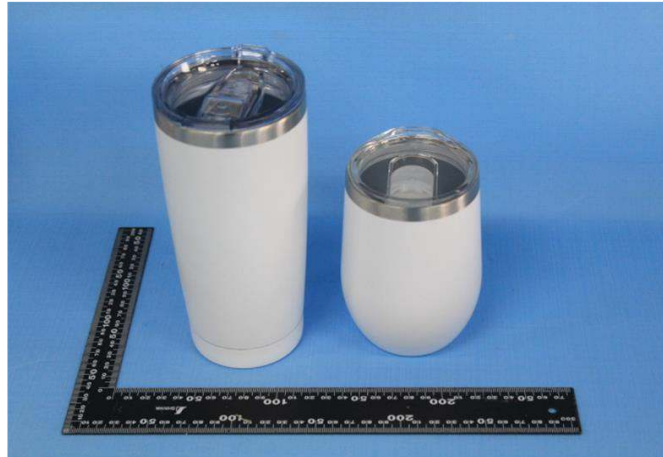
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SHA21-039237.002



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**SHAHG2103923701**



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The testing was performed by SGS other internal laboratory.

Test Results :

Test Part Description :

Specimen No.	SGS Sample ID	Description	Material (claimed by the client)
SN1	CAN21-034272.001	Transparent plastic lid	AS

### FDA 21 CFR 177.1040-Total extractive residues

<u>Simulant Used</u>	<u>Time</u>	<u>Temperature</u>	<u>Max. Permissible Limit</u>	<u>Result of 001</u>	<u>Comment</u>
3% Acetic Acid	240.0hr(s)	150°F	0.01mg/inch <sup>2</sup>	<0.010mg/inch <sup>2</sup>	PASS
Distilled Water	240.0hr(s)	150°F	0.01mg/inch <sup>2</sup>	<0.010mg/inch <sup>2</sup>	PASS

Notes :

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

### FDA 21 CFR 177.1040-Residual acrylonitrile monomer content

Test Method : With reference to ASTM D5508 - 94a(2009)e1, analysis was performed by using Head Space GC-MS.

<u>Test Item(s)</u>	<u>Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>001</u>
Residual acrylonitrile monomer content	80	mg/kg	0.1	ND
<b>Comment</b>				<b>PASS</b>

Notes :

1. mg/kg = milligram per kilogram
2. MDL=Method Detection Limit
3. ND = Not Detected



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### Remark:

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2. The declaration of conformity is based on non-binary acceptance decision rules with guard band, and the guard band length parameter is 0. When the measured value falls in the guard band limit, the declaration of conformity is "Conditional PASS" or "Conditional FAIL".



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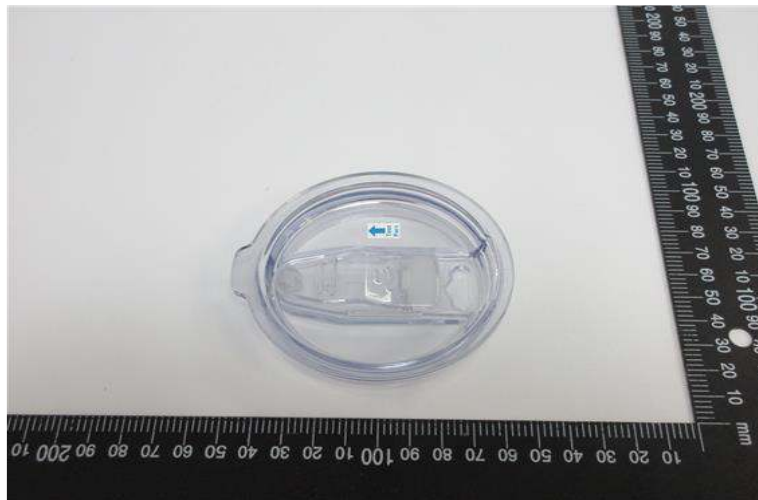
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Sample photo:



CAN21-034272.001

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



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