

Test Report No. TSNHG1802172001 Date: 07 Dec 2018 Page 1 of 8

CO.,LTD

FLOOR2,BUILDING 4,

ROAD,

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

GLASS PARTS

SGS Job No.: TJHL1811006371CW - TJ

Supplier:

CO.,LTD

Manufacturer:

CO.,LTD

Country of Origin:

**CHINA** 

Date of Sample Received:

21 Nov 2018

Testing Period:

21 Nov 2018 - 26 Nov 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
American Food and Drug Administration (FDA) Compliance Policy Guides	PASS
Sec.545.400 (CPG 7117.06) and Sec. 545.450 (CPG 7117.07)	
Pottery(Ceramics)-Leachable cadmium and lead	

Signed for and on behalf of

SGS-CSTC Standards Technical Services (Tianjin) Co., Ltd.

Reabeca Zhou

Approved Signatory

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Please refer to next page(s).

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Test Requested	Conclusion
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Date: 07 Dec 2018

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Test Results:

#### Test Part Description:

Specimen No.	SGS Sample ID	Description	Material (claimed by the client)
SN1	TSN18-021720.001	transparent glass ware	HIGH
			BOROSILICATE
			GLASS
SN2	TSN18-021720.002	transparent glass ware	HIGH
			BOROSILICATE
			GLASS
SN3	TSN18-021720.003	transparent glass ware	HIGH
			BOROSILICATE
			GLASS
SN4	TSN18-021720.004	transparent glass ware	HIGH
			BOROSILICATE
			GLASS

#### 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)

American Food and Drug Administration (FDA) Compliance Policy Guides Sec.545.400 (CPG 7117.06) and Sec. 545.450 (CPG 7117.07) Pottery(Ceramics)-Leachable cadmium and lead

Test Method: With reference to AOAC 18th Ed. (2005) Section 973.32, analysis was performed by AAS.

Sample 001 Flatware

	Extract Volume	Depth (mm)
	<u>(mL)</u>	
1	560	**
2	560	*
3	560	*
4	560	***
5	560	*
6	560	*



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	<u>Leachable</u>	<u>Leachable</u>
	Lead (µg/mL)	Cadmium (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	3	0.5

### Sample 003

Flatware

	Extract Volume	Depth (mm)
	<u>(mL)</u>	
1	520	*
2	520	*
3	520	*
4	520	*
5	520	*
6	520	*
		1 1 1 1 1

	<u>Leachable</u>	Leachable
	Lead (µg/mL)	Cadmium (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	3	0.5

Sample 002 Small hollowware



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Flatware - Articles which cannot be filled and articles which can be filled, the internal depth of which does not exceed 25 mm.

Small Hollowware - Articles which can be filled with the internal depth of which exceed 25 mm and capacity of less than 1.1 liter.

Large Hollowware - Articles which can be filled with the internal depth of which exceed 25 mm and capacity of 1.1 liter or more.

\*=depth is zero





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Date: 07 Dec 2018

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Sample photo:







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Test Report No. TSNHG1802171601 Date: 07 Jan 2019 Page 1 of 4

CO.,LTD

FLOOR2,BUILDING 4

ROAD,

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

SGS Job No.: TJHL1811006374CW - TJ

CO.,LTD Supplier:

CO.,LTD Manufacturer:

Country of Origin: CHINA

Date of Sample Received: 29 Dec 2018

Testing Period: 29 Dec 2018 - 07 Jan 2019

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 177.1520- Ex	tractable fraction	PASS
FDA 21 CFR 177.1520- So	luble fraction in Xylene	PASS
FDA 21 CFR 177.1520- De	nsity at 23°C	PASS
FDA 21 CFR 177.1520- Me	elting point	PASS

Signed for and on behalf of

SGS-CSTC Standards Technical Services (Tianjin) Co., Ltd.

Reabeca Zhou

Approved Signatory

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No. TSNHG1802171601

Date: 07 Jan 2019

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Test Results:

Test Part Description:

Specimen No. SGS Sample ID Description

Material (claimed by the client)

SN<sub>1</sub> TSN18-021716.003 black plastic

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)

FDA 21 CFR 177.1520- Extractable fraction

Test Method: With reference to FDA 21 CFR 177.1520(d) 3 (i).

Simulant Used Time Max. Permissible Result of 003 Comment Temperature

Extractable Limit fraction

**PASS** n-Hexane 2hr(s) reflux 6.4% (w/w) <0.5% (w/w)

temperature

FDA 21 CFR 177.1520- Soluble fraction in Xylene

With reference to FDA 21 CFR 177.1520 (d) 4 (i). Test Method:

Simulant Used Max. Permissible Result of 003 Comment

> Limit Soluble fraction

Soluble fraction in Xylene 9.8% (w/w) 1.3% (w/w) **PASS** 

FDA 21 CFR 177.1520- Density at 23°C

Test Method: With reference to FDA 21 CFR 177.1520 d (1).

Test Item(s) 003 Limit Density at 23°C, g/cm3 0.880 - 0.9130.907

**PASS** Comment



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No. TSNHG1802171601

Date: 07 Jan 2019

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FDA 21 CFR 177.1520- Melting point

Test Method: With reference to FDA 21 CFR 177.1520 (d) (2).

> Limit 003

160 - 180 169 Melting point,°C

Comment **PASS** 

Notes:

Test Item(s)

(1) The test was subcontracted to SGS Ningbo chemical lab.





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Sample photo:





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Member of the SGS Group (SGS SA)



Test Report No. TSNHG1802172601 Date: 07 Dec 2018 Page 1 of 3

CO.,LTD

FLOOR2,BUILDING 4,

ROAD,

The following sample(s) was/were submitted and identified on behalf of the clients as : SILICONE RUBBER RING

SGS Job No.:

TJHL1811006375CW - TJ

Supplier:

CO.,LTD

Manufacturer:

CO.,LTD

Country of Origin:

**CHINA** 

Date of Sample Received:

22 Nov 2018

Testing Period:

22 Nov 2018 - 28 Nov 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 177.1210-Chloroform-soluble extractives	PASS

Signed for and on behalf of

SGS-CSTC Standards Technical Services (Tianjin) Co., Ltd.

Reabeca Zhou

Approved Signatory

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No. TSNHG1802172601

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Test Results:

Specimen No.

SN<sub>1</sub>

Test Part Description:

SGS Sample ID Description

Material (claimed by the client)

TSN18-021726.001 white translucent silicone rubber SILICONE

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)

FDA 21 CFR 177.1210-Chloroform-soluble extractives

Test Method: With reference to FDA 21 CFR 177.1210.

Result of 001 Simulant Used Time Temperature Max. Permissible Comment Chloroform-solubl Limit e extractives

24.00hr(s) 120°F <5mg/kg PASS **Distilled Water** 50mg/kg



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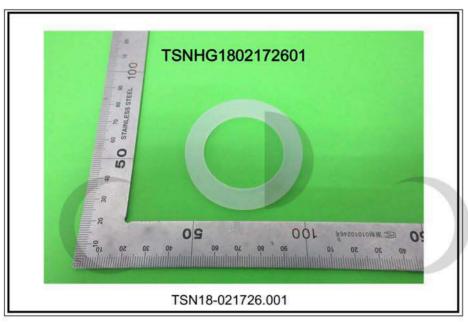


No. TSNHG1802172601

Date: 07 Dec 2018

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Sample photo:





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



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Test Report No. TSNHG1802171801 Date: 07 Dec 2018 Page 1 of 4

CO.,LTD

FLOOR2, BUILDING 4,

ROAD,

P.R.

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

PARTS

SGS Job No.: TJHL1811006372CW - TJ

Supplier:

CO.,LTD

Manufacturer : Country of Origin :

CHINA

Date of Sample Received :

21 Nov 2018

Testing Period:

21 Nov 2018 - 28 Nov 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 FDA Generally Recognized As Safe (GRAS) Specifications -Total Chromium	PASS
content in stainless steel	

Signed for and on behalf of

SGS-CSTC Standards Technical Services (Tianjin) Co., Ltd.

Reabeca Zhou

Approved Signatory

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Test Results:

Test Part Description:

Specimen No. SGS Sample ID Description

SN1 TSN18-021718.001 silvery metal (claimed by the client) 304 STAINLESS STEEL

Material

Remarks:

(1) mg/dm2 = 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 Generally Recognized As Safe (GRAS) Specifications -Total Chromium content in stainless steel

Test Method: Titration method

Test Item(s)

Total Chromium, %

Conclusion

**PASS** 

Notes:

(1) The test was subcontracted to SGS Shanghai chemical lab.



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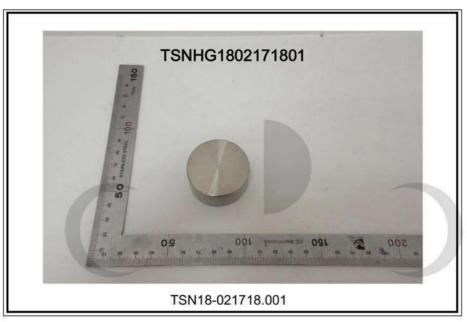


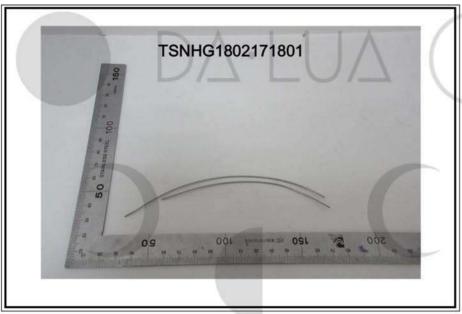
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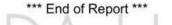
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