

SGS Job No. : SHHL2201004488CW - SH
 Date of Sample Received : 25 Jan 2022
 Testing Period : 25 Jan 2022 - 18 Mar 2022
 Test Requested : Selected test(s) as requested by the client.
 Test Method(s) : Please refer to next page(s).
 Test Result(s) : Please refer to next page(s).

Result Summary :

Test Requested	Conclusion
US FDA 21 CFR 177.2600- Total Extractives	PASS
US FDA Generally Recognized As Safe (GRAS) Specifications –Total Chromium content in stainless steel	PASS
US California Proposition 65(Superior Court of the State of California – County of San Francisco Case No. 938430)-Leachable Lead and Cadmium	PASS
US FDA CPG Sec.545.400 and CPG Sec 545.450 -Leachable lead and cadmium	PASS



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Test Result(s) :

Test Part Description :

Specimen No.	SGS Sample ID	Description	Material (claimed by the client)
SN1	SHA22-017937.001	Light grey ceramic coating in pan	Ceramic Coating
SN2	SHA22-017937.002	Transparent glass lid	Glass
SN3	SHA22-017937.003	Silvery stainless steel ring	Stainless Steel
SN4	SHA22-017937.004	Transparent silicone rubber ring	Silicone Rubber

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 21 CFR 177.2600- Total Extractives

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

Simulant Used	Time	Temperature	Max. Permissible Limit	Result of 004 Total extractives	Comment
Distilled water	7.0hr(s)	Reflux temperature	20mg/inch ²	<0.5mg/inch ²	PASS
Distilled water	2.0hr(s)	Reflux temperature	1mg/inch ²	<0.5mg/inch ²	PASS
n-Hexane	7.0hr(s)	Reflux temperature	175mg/inch ²	7.4mg/inch ²	PASS
n-Hexane	2.0hr(s)	Reflux temperature	4mg/inch ²	<0.5mg/inch ²	PASS

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

Test Method : Titration method



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Test Item(s)	Limit	003
Total Chromium, %	≥16	18.3
Conclusion		PASS

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

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

Sample 001 Internal Surface (Small Hollowware)

	<u>Extract Volume</u> (mL)	<u>Depth</u> (mm)
1	1600	40
2	1600	40
3	1600	40
4	1600	40
5	1600	40
6	1600	40

	<u>Leachable Lead</u> (µg/mL)	<u>Leachable Cad-</u> <u>mium (µg/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	0.1	0.189

Notes :

- (1) < = less than
- (2) µg/mL = microgram per milliliter
- (3) The reference limit applied in testing is based on particular prop 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 Proposition 65 by clearly informing the consumer of potential exposure.
- (4) As the quantity of batch sample is less than 2,000 articles, 6 pieces of samples are tested.



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US FDA CPG Sec.545.400 and CPG Sec 545.450 -Leachable lead and cadmium

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

Sample 002 Flatware
PASS

	<u>Extract Volume</u> (mL)	<u>Depth (mm)</u>
1	500	21
2	500	21
3	500	21
4	500	21
5	500	21
6	500	21

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

Sample 001 Small hollowware
PASS

	<u>Extract Volume</u> (mL)	<u>Depth</u> (mm)
1	1600	40
2	1600	40
3	1600	40
4	1600	40
5	1600	40
6	1600	40



	Leachable Lead ($\mu\text{g/mL}$)	Leachable Cadmium ($\mu\text{g/mL}$)
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	2	0.5

Notes :

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.

Unless otherwise stated, the decision rule for conformity reporting is based on Binary Statement for Simple Acceptance Rule ($w=0$) stated in ILAC-G8:09/2019.



Sample photo:







SGS authenticate the photo on original report only

*** End of Report ***

