

Test Report

No. NGBHG2300072301

Date: 06 Feb 2023

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Client Name : ZHUOZHOU JIAHUA ALUMINUM CO., LTD

Client Address : ECONOMIC DEVELOPMENT ZONE OF SONGLINDIAN,ZHUOZHOU CITY,HEBEI
PROVINCE,CHINA

Sample Name : ALUMINIUM FOIL CONTAINER

Style No. : RE450

Item No. : RE450

The above sample(s) and information were provided by the client.

SGS Job No. : NBHL2301001167CW - NB

Date of Sample Received : 31 Jan 2023

Testing Period : 31 Jan 2023 - 06 Feb 2023

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 175.300--Total extractives	PASS
American Food and Drug Administration (FDA) Compliance Policy Guides Sec.545.500 (CPG 7117.05)-Leachable Lead	PASS

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

Pinky Wu

Pinky Wu

Approved Signatory



SGS-CSTC Standards Technical Services Co., Ltd.
Ningbo Branch Chemical Laboratory

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Test Result(s) :

Test Part Description :

Specimen No.	SGS Sample ID	Description	Material (claimed by the client)
SN1	NGB23-000723.001	Silvery aluminium foil container	ALUMINIUM FOIL

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 175.300–Total extractives

Test Method : With reference to US FDA 21 CFR 175.300.

<u>Simulant Used</u>	<u>Time</u>	<u>Temperature</u>	<u>Max. Permissible Limit</u>	<u>Result of 001 Total Extractives</u>
8% Alcohol	2.0hr(s)	150°F	0.5mg/inch ²	<0.1mg/inch ²
n-Heptane	0.2hr(s)	120°F	0.5mg/inch ²	<0.1mg/inch ²
Distilled Water		Fill boiling, cool to 100 °F	0.5mg/inch ²	<0.1mg/inch ²

Notes :

- (1) Limit = Reference limit.

American Food and Drug Administration (FDA) Compliance Policy Guides Sec.545.500 (CPG 7117.05)-Leachable Lead

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

Sample 001 Metalware



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	<u>Vol. of Leaching</u> <u>Solution (mL)</u>	<u>Depth</u> <u>(mm)</u>	<u>Surface Area</u> <u>(dm²)</u>
1	480	45	3.22
2	480	45	3.22
3	480	45	3.22
4	480	45	3.22
5	480	45	3.22
6	480	45	3.22

	<u>leachable lead</u> <u>(µg/mL)</u>
1	<0.05
2	<0.05
3	<0.05
4	<0.05
5	<0.05
6	<0.05
Average	<0.05

Notes :

- (1) Average of six of FDA limit (For Adult): 7µg/ml
Any one of six of FDA limit (For Infant and children):0.5µg/ml
- (2) The limit is quoted from FDA Compliance Policy Guides Sec.545.500 (CPG 7117.05) and it is applicable for Silver – Plated hollowware product only, but not for other kind of products such as metal.

Remark:

- (1) hr = hour
- (2) < = less than
- (3) °F = Fahrenheit degree
- (4) mg/inch² = milligram per square inch
- (5) µg/mL = microgram per milliliter

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.



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Sample photo:



SGS authenticate the photo on original report only

*** End of Report ***



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