

Test Report

No.: CANHL24029722701

Date: Jan 09, 2025

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Client Name: Wuhan Zondy W&R Environmental Technology Co.,Ltd

Client Address: C9-2, Optics Valley United Science and Technology City, Gedian, Huarong, Ezhou, Hubei

Sample Description: Sr mineralized filter

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

SGS No.: GZHL2412057208SD

Sample Receiving Date: Dec 31, 2024

Testing Period: Dec 31, 2024 ~ Jan 09, 2025

Test Requested: Select test(s) as requested by the client.

Testing Performed: Follow selected test(s) as requested by client.

	Test Requirement	Conclusion
1	US FDA CPG Sec.545.400 and CPG Sec 545.450 - Leachable Lead and Cadmium	See Results

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

Lizhe Zhai

Lizhe Zhai
Approved Signatory

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Verification:
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Test Result(s):

Test Part Description:

SN ID	Sample No.	SGS Sample ID	Description	Material (claimed by the client)
SN1	A1	CAN24-0297227-0001.C001	Black filter	Sr mineralized material

Remarks:

- (1) mg/dm² = milligram per square decimeter
mg/inch² = milligram per square inches
μg/cm² = microgram per square centimeter
mg/L = milligram per litre
mg/kg = milligram per kilogram
- (2) °C = degree Celsius
°F = degree Fahrenheit
- (3) <= less than
- (4) RL = Reporting Limit
- (5) ND = Not Detected (< RL).

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/ICP-OES.

A1 Flatware

	Extract volume (mL)	Surface Area (dm ²)
1	165	1.07
2	165	1.07
3	165	1.07
4	165	1.07
5	165	1.07
6	165	1.07

	Leachable Lead (μg/mL)	Leachable 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
Avg	<0.05	<0.01
Limit	3.0	0.5

Notes:

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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.

Remark: Limit = Reference limit. The test sample is out of scope of the standard.

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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