



## Test Report

NTS2504269S

Date: Apr. 21, 2025

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**Applicant :** **SICHUAN ZHENRONG HONG NEW MATERIALS CO.,LTD**

**Address :** Gate 2, No. 1388, East Section of Kesheng Road, Tianfu Avenue, Wenjiang District, Chengdu, Sichuan Province

**Manufacturer :** **SICHUAN ZHENRONG HONG NEW MATERIALS CO.,LTD**

**Address :** Gate 2, No. 1388, East Section of Kesheng Road, Tianfu Avenue, Wenjiang District, Chengdu, Sichuan Province

The following sample(s) was/were submitted and identified on behalf of the clients as : **Food plastic packaging bags**

Model No. : /

Material : PET+AL+PE

Client Ref. Info.: --

Trade mark: --

Date of Sample Received : Apr. 15, 2025

Testing Period : Apr. 15, 2025 – Apr. 21, 2025

Test Requested : For compliance with the Food and Drug Administration Regulations for determining the amount of total extractives from Plastic articles intended for repeated use.

For determine the Extractable Lead, Cadmium content in accordance with American Food and Drug Administration (FDA) Compliance US FDA 21 CFR Part 175.300 and General Recognized As Safe (GRAS)

Test Method : Please refer to next page(s).

Test Results : Please refer to next page(s).

Conclusion : **PASS**

Signed for and on behalf of  
**Shenzhen NOWD Testing Services Co., Ltd.**

*Jeremy Xie*

Jeremy Xie  
Approved Signatory



**Nowd Testing Services Co., Ltd**  
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## TEST RESULT

### Test Part Description :

Specimen No.	Components	Material
001	packaging bags	PET+AL+PE

### 1, FDA 21 CFR 177.2600

Test Requested: For compliance with the Food and Drug Administration Regulations for determining the amount of total extractives from Plastic articles intended for repeated use.

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

### Test Item(s)

001

Extractants and Conditions	Amount of Total Extractives (mg/inch <sup>2</sup> )	Limit (mg/inch <sup>2</sup> )
1) Distilled Water at reflux temperature for 7 hours	< 0.1	20
Succeeding 2 hours of extraction	< 0.1	1
2) n-Hexane at reflux temperature for 7 hours	29.6	175
Succeeding 2 hours of extraction	1.2	4

### Note :

< = Less than

Conclusion: When tested as specified, the submitted sample(s) comply with the Specifications for the amount of total extractives requirement from Plastic articles intended for repeated use in contact with aqueous and fatty foods as stated in US FDA 21 CFR 177.2600.





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### 2, US FDA 21 CFR 175.300 –Total Extractives

Test Requested: As specified by client, to determine the amount of extractives in accordance with American Food and Drug Administration (FDA) FDA 21 CFR 175.300.

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

Test Item	Unit	MDL	Limit	Test result
				001
Total extractives of Distilled Water at 120°F for 24 hours	mg/in <sup>2</sup>	1.0	18	ND
Total extractives of n-Heptane at 69.8°F for 0.5 hour	mg/in <sup>2</sup>	1.0	18	ND
Total extractives of 8% Ethanol at 120°F for 24 hours	mg/in <sup>2</sup>	1.0	18	ND

Note:

1. "mg/in<sup>2</sup>" = milligram per square inch
2. "F" = degree Fahrenheit
3. MDL= Method Detection Limit
4. ND = Not Detected, less than MDL
5. The specification was quoted from US FDA 21 CFR Part 175.300.





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### 3, Test for compliance with General Recognized As Safe (GRAS) Specifications for US FDA regulation of metal products

Test Requested: As specified by client, to determine the Total Chromium content in accordance with General Recognized As Safe (GRAS) Specifications for US FDA regulation of metal products

Test Method: Acid digestion, analysis was performed by ICP-OES.

Test Item	Unit	MDL	Limit	Test result
				001
Total Chromium content	%	0.1	≥ 16	18.5

Note:

1. “%” = percentage by weight
2. “≥” = more than or equal to
3. MDL= Method Detection Limit



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### List of apparatus:

No.	Name	Model	Calibration Valid Date	USE(√)
1	Analytical balance	BSA224S-CW	2025/10/26	√
2	Air dry oven	GW-014	2025/07/26	√
3	ICP-MS	7700	2025/02/26	√
4	ICP- OES	5110	2025/02/26	√



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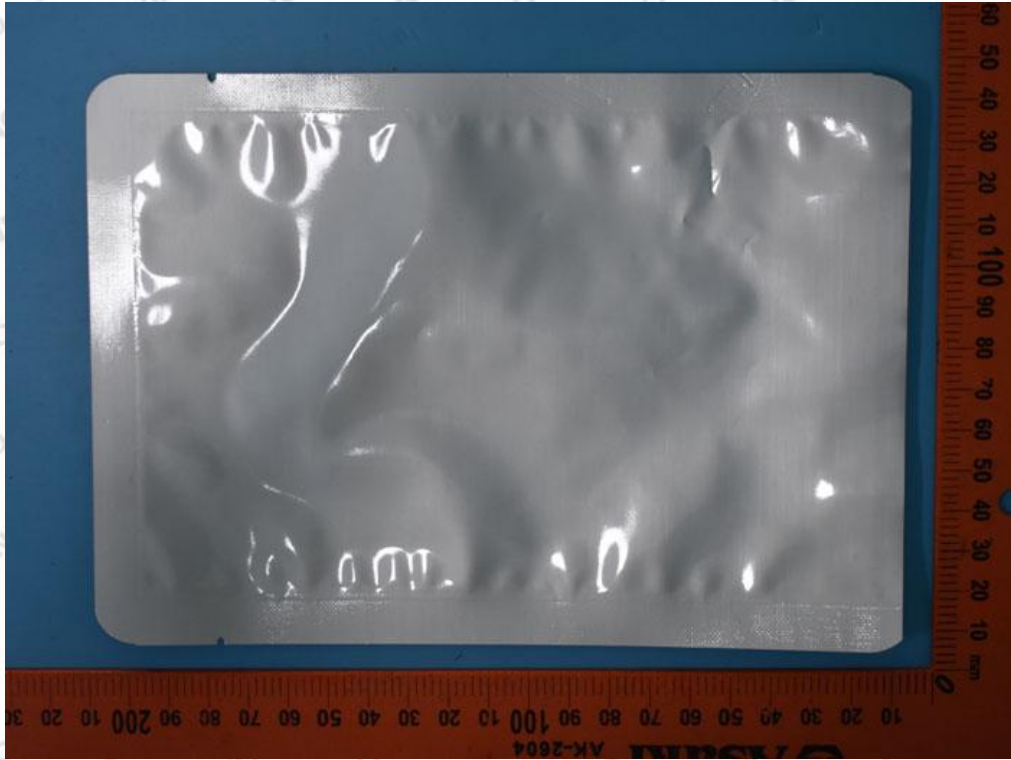
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## Photos



-- End of Report --

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