

## Test Report

No.: SHAAF24027294103

Date: Dec 12, 2024

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Client Name: Jiangxi ECO Tech Group Co., Ltd &amp; Jiangxi Yirong Commodity Co., Ltd

Client Address: No.1533, Jinsha Rd 2, Xiaolan ETDZ, Nanchang, Jiangxi, China

Sample Name: Plastic Bin

Manufacturer: Jiangxi ECO Tech Group Co., Ltd &amp; Jiangxi Yirong Commodity Co., Ltd

Lot No.: 20241101

Production Date: 20241101

Client Ref. Information: ZT-0403D

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

SGS Job No.: O-SHAFL202402497518 ASH24-0084973

Sample Receiving Date: Nov 27, 2024

Testing Period: Nov 27, 2024 ~ Dec 12, 2024

Test Requested: Select 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).

	Test Requirement	Comment
1	US FDA 21 CFR 177.1630 - Chloroform-soluble extractives	Pass
2	Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004, (EU) No 10/2011 and its amendment (EU) 2020/1245 Regulation - Overall Migration	Pass
3	Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004, Commission Implementing Regulation (EU) 2018/213 of 12 February 2018 amending Regulation (EU) 10/2011 of 14 January 2011 - Bisphenol A	Pass

Signed for and on behalf of  
SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.

Tom Ni

Tom Ni  
Approved Signatory

Scan to see the report



SHAAF24027294103

Verification:  
check.sgsonline.com.cn

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中国·上海·徐汇区宜山路889号3号楼 邮编: 200233 t HL (86-21) 61402594 f HL (86-21) 61156899 e sgs.china@sgs.com

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### Test Result(s):

### Test Part Description:

SN ID	Sample No.	SGS Sample ID	Description	Material (claimed by the client)
SN1	A2	SHA24-0272941-0001.C002	Transparent solid	PET

### Remarks:

- (1) mg/dm<sup>2</sup> = milligram per square decimeter  
mg/inch<sup>2</sup> = milligram per square inches  
μg/cm<sup>2</sup> = 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).

### The ratio of surface area to volume

Sample No	Overall Migration
A2	10.0 dm <sup>2</sup> /kg

### US FDA 21 CFR 177.1630 - Chloroform-soluble extractives

**Test Method:** With reference to US FDA 21 CFR 177.1630(e).

Simulant used	Test Condition	Limit	Unit(s)	RL	A2	Comment
n-Heptane	120°F, 24 hrs	0.5	mg/inch <sup>2</sup>	0.1	ND	Pass

### Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004, (EU) No 10/2011 and its amendment (EU) 2020/1245 Regulation - Overall Migration

**Test Method:** With reference to Commission Regulation (EU) No 10/2011 of 14 January 2011 Annex III and Annex V for selection of condition and EN 1186-1:2002 for selection of test methods; EN 1186-3:2022 Test methods for overall migration in evaporable simulants

	Test Condition
	3% Acetic acid (W/V)
A2	40°C, 10 days

Simulant used	Limit	Unit(s)	RL	A2 (1 <sup>st</sup> )	Comment
3% Acetic acid (W/V)	10	mg/dm <sup>2</sup>	3.0	ND	Pass



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SGS-CTC (Shanghai) Technical Services (Shanghai) Co., Ltd.  
Testing Center-Chemical Laboratory

3<sup>rd</sup> Building, No. 889 Yishan Road Xuhui District, Shanghai China 200233  
中国·上海·徐汇区宜山路889号3号楼 邮编: 200233

t E&E (86-21) 61402553 f E&E (86-21) 64953679 www.sgsgroup.com.cn  
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### Notes:

- (1) Analytical tolerance of evaporable simulants is 2 mg/dm<sup>2</sup> or 12 mg/kg, analytical tolerance of olive oil simulant is 3 mg/dm<sup>2</sup> or 20 mg/kg.
- (2) Test condition & simulant were specified by client.
- (3) A material or article with overall migration result that exceeds the overall migration limit by an amount not exceeding the analytical tolerance, shall be deemed to be in compliance with the overall migration limit.

**Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004, Commission Implementing Regulation (EU) 2018/213 of 12 February 2018 amending Regulation (EU) 10/2011 of 14 January 2011 - Bisphenol A**

**Test Method:** With reference to SGS in house method, analysis was performed by HPLC-MS/LC-MS/MS .

Test Item(s)	CAS No.	Limit	Unit(s)	RL	A2
Bisphenol A	80-05-7	Prohibited	mg/kg	0.1	ND
<b>Comment</b>					<b>Pass</b>

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:



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