

Test Report

No.: SHAAF25030326703

Date: Dec 19, 2025

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Client Name: Shenzhen Food Pack Technology Co., Ltd.

Client Address: Room 204, Building 7 Holiday Prime Residence N28 District, Haibin Community Xin'an Street, Bao'an District Shenzhen, Guangdong Province China

Sample Name: Food Container PS

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

SGS Job No.: O-HZAF202503123838 ASH25-0099264

Sample Receiving Date: Nov 17, 2025

Testing Period: Nov 17, 2025 ~ Dec 19, 2025

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 177.1640 - Total residual styrene	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) 2025/351 Regulation - Overall Migration	Pass
3	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) 2025/351 Regulation - Specific migration of heavy metals*	Pass
4	Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004 - Sensorial examination odour and taste test	Pass

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

Dora Hu

Dora Hu

Approved Signatory

Scan to see the report



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Verification:
check.sgsonline.com.cn

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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	SHA25-0303267-0001.C001	Black solid	PS

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).

The ratio of surface area to volume

Sample No	Overall Migration	Specific Migration
A1	12.0 dm ² /kg	12.0 dm ² /kg

US FDA 21 CFR 177.1640 - Total residual styrene

Test Method: With reference to US FDA 21 CFR 177.1640.

Test Item(s)	Limit	Unit(s)	RL	A1
Total residual Styrene	0.5	%(w/w)	0.1	ND
Comment				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) 2025/351 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				
	10% Ethanol(V/V)	3% Acetic acid (W/V)	95% Ethanol	Isooctane
A1	40 °C, 10 days	40 °C, 10 days	40 °C, 10 days	20 °C, 2 days

Simulant used	Limit	Unit(s)	RL	A1 (1 st)	Comment
10% Ethanol(V/V)	10	mg/dm ²	3.0	ND	Pass
3% Acetic acid (W/V)	10	mg/dm ²	3.0	ND	Pass
95% Ethanol	10	mg/dm ²	3.0	ND	Pass



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Simulant used	Limit	Unit(s)	RL	A1 (1 st)	Comment
Isooctane	10	mg/dm ²	3.0	ND	Pass

Notes:

- (1) Test condition & simulant were specified by client.
 (2) For single use articles, the compliance is based on the first migration result with measurement uncertainty according to (EU) 2025/351.
 (3) For repeated use articles, the compliance is based on the stability trend and the third migration result with measurement uncertainty according to (EU) 2025/351.

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) 2025/351 Regulation - Specific migration of heavy metals*

Test Method: With reference to EN 13130-1:2004, analysis was performed by ICP-OES/ICP-MS.

Simulant	Test Condition
	A1
3% Acetic acid (W/V)	40 °C, 10 days

Test Item(s)	Limit	Unit(s)	RL	A1
3% Acetic acid (W/V)				
Migration times				First
Arsenic(As)	ND	mg/kg	0.01	ND
Cadmium(Cd)	ND	mg/kg	0.002	ND
Chromium(Cr)	ND	mg/kg	0.01	ND
Mercury(Hg)	ND	mg/kg	0.01	ND
Lead(Pb)	ND	mg/kg	0.01	ND
Aluminium(Al)	1	mg/kg	0.2	ND
Barium(Ba)	1	mg/kg	0.2	ND
Cobalt(Co)	0.05	mg/kg	0.01	ND
Copper(Cu)	5	mg/kg	1.0	ND
Iron(Fe)	48	mg/kg	9.6	ND
Lithium(Li)	0.6	mg/kg	0.12	ND
Manganese(Mn)	0.6	mg/kg	0.12	ND
Zinc(Zn)	5	mg/kg	1.0	ND
Nickel (Ni)	0.02	mg/kg	0.01	ND
Antimony(Sb)	0.04	mg/kg	0.01	ND
Europium(Eu)	-	mg/kg	0.01	ND
Gadolinium(Gd)	-	mg/kg	0.01	ND
Lanthanum(La)	-	mg/kg	0.01	ND
Terbium(Tb)	-	mg/kg	0.01	ND
Europium (Eu)+ Gadolinium(Gd)+ Lanthanum(La)+ Terbium(Tb)	0.05	mg/kg	-	ND
Comment				Pass

Notes:



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- (1) Test condition & simulant were specified by client.
- (2) For single use articles, the compliance is based on the first migration result with measurement uncertainty according to (EU) 2025/351. For substances which limit is "Not Detected", the non-compliance is based on the first migration result if it is detected without the inclusion of measurement uncertainty.
- (3) For repeated use articles, the compliance is based on the stability trend and the third migration result with measurement uncertainty according to (EU) 2025/351. For substances which limit is "Not Detected", the non-compliance is based on the three migration test results if it is detected without the inclusion of measurement uncertainty.

Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004 - Sensorial examination odour and taste test

Test Method: With reference to DIN 10955: 2024.
No. of panelist: 6

Test Media	Test Condition
	A1
Distilled water	40 °C, 10 days

Test Item(s)	Limit	Unit(s)	A1
Area/Volume	-	dm ² /kg	12.0
Sensorial examination odour	2.5	-	0
Sensorial examination taste	2.5	-	0
Comment			Pass

Notes:

Intensity scale (rounded at 0.5):

- 0 – no perceptible difference
- 1 – just perceptible difference
- 2 – slight difference
- 3 – marked difference
- 4 – strong difference

Remark:

Test item marked "*" in this report are not included in CNAS Accredited Scope for our laboratory.
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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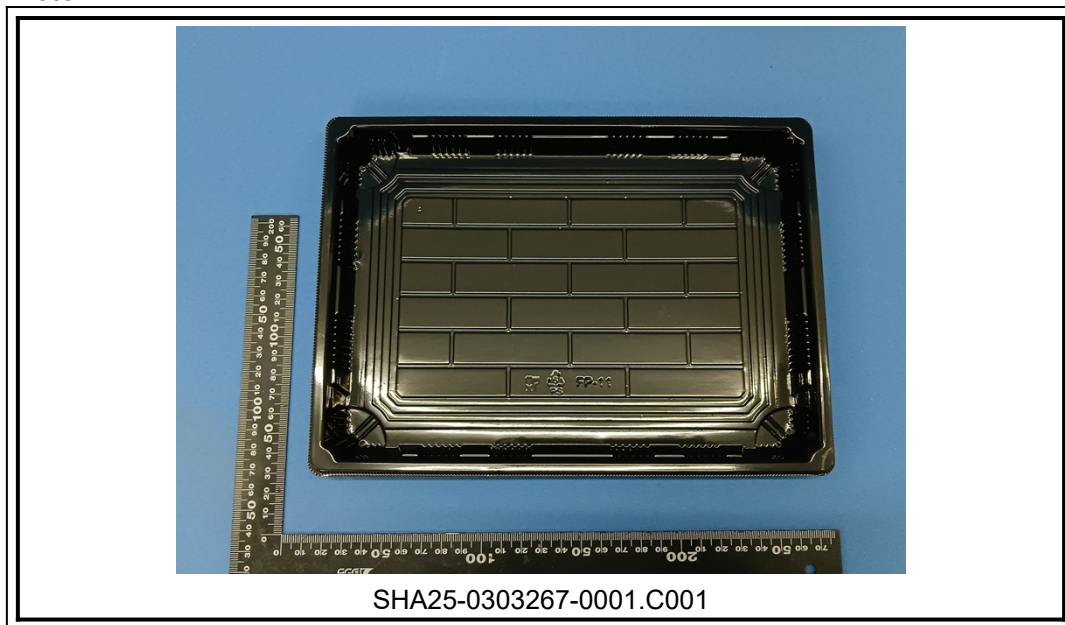
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Sample Photo:



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*** End of Report ***



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