

Test Report

No.: SHAAF25033674701

Date: Jan 07, 2026

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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 BOPS

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

SGS Job No.: O-HZAFL202503492820 ASH25-0109886

Sample Receiving Date: Dec 19, 2025

Testing Period: Dec 19, 2025 ~ Jan 07, 2026

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.

Jenny Lan

Approved Signatory

Scan to see the report



SHAAF25033674701

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	SHA25-0336747-0001.C001	Transparent box	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	6.5 dm ² /kg	6.5 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	4.0	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 ³ /kg	6.4
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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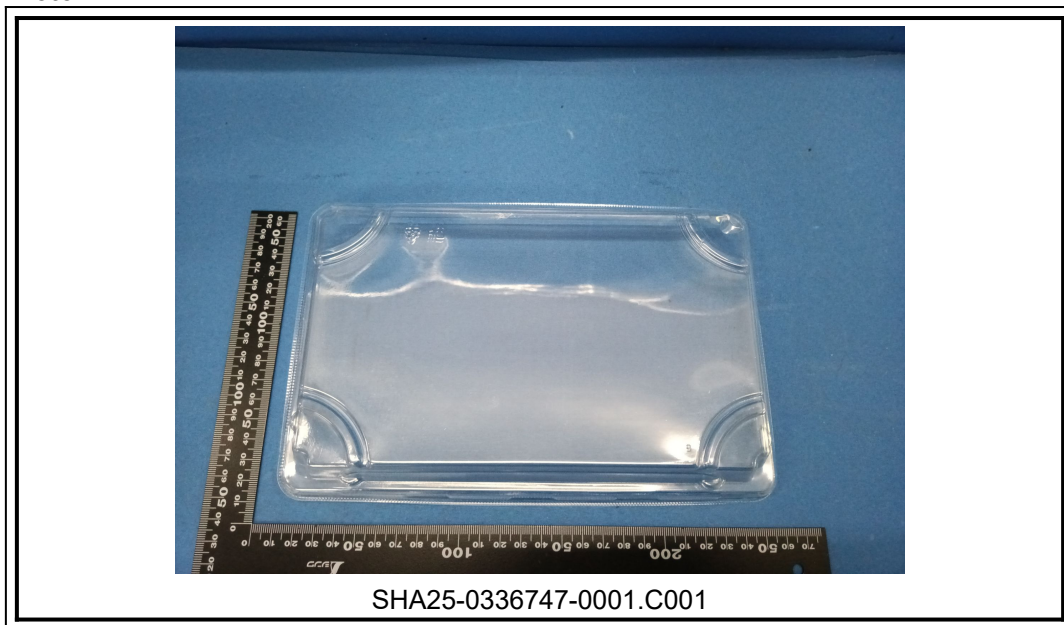
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Sample Photo:



SGS authenticate the photo on original report only

*** End of Report ***



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