

Test Report

No.: SHAAF26007864503

Date: Apr 14, 2026

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Client Name: Cangzhou Youxin Plastic Packaging Co., Ltd.

Client Address: Zone B, Packaging and Equipment Manufacturing Park, Dongguang County, Cangzhou City, Hebei Province, 061600, P.R. China

Sample Name: Retort Pouchg

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

SGS Job No.: O-BJAFL202600643608 BJJ26-0000803

Sample Receiving Date: Mar 27, 2026

Testing Period: Mar 27, 2026 ~ Apr 14, 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	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
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 - Specific migration of heavy metals*	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 primary aromatic amine (individual)*	Pass

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

Jenny Lan

Approved Signatory

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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	SHA26-0078645-0001.C001	Colorful bag	PET/AL/PA/R CPP

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	27.1 dm ² /kg	27.1 dm ² /kg

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
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.



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(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)	60 °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:

- (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.



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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 primary aromatic amine (individual)*

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

Simulant	Test Condition
	A1
3% Acetic acid (W/V)	60 °C, 10 days

Test Item(s)	CAS No.	Limit	Unit(s)	RL	A1
3% Acetic acid (W/V)					
Migration times					First
2,4,5-Trimethylaniline	137-17-7	ND	mg/kg	0.002	ND
2,4-Toluenediamine (2,4-TDA)	95-80-7	ND	mg/kg	0.002	ND
2-Methoxy-5-methylaniline	120-71-8	ND	mg/kg	0.002	ND
3,3'-Dimethylbenzidine	119-93-7	ND	mg/kg	0.002	ND
4,4'-Diaminodiphenyl ether	101-80-4	ND	mg/kg	0.002	ND
4,4'-Methylenedianiline	101-77-9	ND	mg/kg	0.002	ND
4,4'-Methylenedi-o-toluidine	838-88-0	ND	mg/kg	0.002	ND
4-Aminobiphenyl	92-67-1	ND	mg/kg	0.002	ND
4-Chloroaniline	106-47-8	ND	mg/kg	0.002	ND
4-Chloro-o-toluidine	95-69-2	ND	mg/kg	0.002	ND
4-Methoxy-m-phenylenediamine	615-05-4	ND	mg/kg	0.002	ND
Benzidine	92-87-5	ND	mg/kg	0.002	ND
o-Anisidine	90-04-0	ND	mg/kg	0.002	ND
o-Toluidine	95-53-4	ND	mg/kg	0.002	ND
2-Naphthylamine	91-59-8	ND	mg/kg	0.002	ND
o-Aminoazotoluene	97-56-3	ND	mg/kg	0.002	ND
3,3'-Dichlorobenzidine	91-94-1	ND	mg/kg	0.002	ND
3,3'-Dimethoxybenzidine	119-90-4	ND	mg/kg	0.002	ND
4,4'-Methylene-bis-(2-chloro-aniline)	101-14-4	ND	mg/kg	0.002	ND
4,4'-Thiodianiline	139-65-1	ND	mg/kg	0.002	ND
4-Amino azobenzene	60-09-3	ND	mg/kg	0.002	ND
1,3-Phenylenediamine	108-45-2	ND	mg/kg	0.002	ND
2-Amino-4-nitrotoluene	99-55-8	ND	mg/kg	0.002	ND
Primary aromatic amine (other)	-	0.01	mg/kg	-	ND
1,3-Diiminoisoindoline	3468-11-9	-	mg/kg	0.010	ND
3-Anisidine	536-90-3	-	mg/kg	0.002	ND
2-Amino-1-naphthalenesulfonic acid	81-16-3	-	mg/kg	0.005	ND
2-Ethoxyaniline	94-70-2	-	mg/kg	0.005	ND
5-Chloro-2-methoxyaniline	95-03-4	-	mg/kg	0.005	ND
2-Chloraniline	95-51-2	-	mg/kg	0.010	ND
4-Toluidine	106-49-0	-	mg/kg	0.002	ND
1,4-Phenylenediamine	106-50-3	-	mg/kg	0.002	ND
3-Chloroaniline	108-42-9	-	mg/kg	0.010	ND
3-Toluidine	108-44-1	-	mg/kg	0.002	ND
3-Amino-4-methoxybenzanilide	120-35-4	-	mg/kg	0.002	ND
2-Chloro-4-nitroaniline	121-87-9	-	mg/kg	0.005	ND



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Test Item(s)	CAS No.	Limit	Unit(s)	RL	A1
4-Chlor-3-methoxyaniline	13726-14-2	-	mg/kg	0.005	ND
4-Ethoxyaniline	156-43-4	-	mg/kg	0.002	ND
3-Amino-4-methylbenzamide	19406-86-1	-	mg/kg	0.002	ND
1,5-Diaminonaphthalene	2243-62-1	-	mg/kg	0.002	ND
4-Aminobenzamide	2835-68-9	-	mg/kg	0.005	ND
Aniline	62-53-3	-	mg/kg	0.002	ND
4-Chlor-2,5-dimethoxyaniline	6358-64-1	-	mg/kg	0.005	ND
2,4,5-Trichloroaniline	636-30-6	-	mg/kg	0.010	ND
5-Amino-6-methylbenzimidazolone	67014-36-2	-	mg/kg	0.005	ND
2,6-Diaminotoluene	823-40-5	-	mg/kg	0.002	ND
2,6-Dimethylaniline (2,6-DMA)	87-62-7	-	mg/kg	0.002	ND
4-Aminotoluene-3-sulfonic acid	88-44-8	-	mg/kg	0.005	ND
1,2-Phenylendiamine	95-54-5	-	mg/kg	0.002	ND
2,4-Dimethylaniline (2,4-DMA)	95-68-1	-	mg/kg	0.002	ND
5-Chloro-2-methylaniline	95-79-4	-	mg/kg	0.005	ND
2,5-Dichloroaniline	95-82-9	-	mg/kg	0.010	ND
2,4-Dinitroaniline	97-02-9	-	mg/kg	0.005	ND
2-Methoxy-4-nitroaniline	97-52-9	-	mg/kg	0.005	ND
p-Anisidine	104-94-9	-	mg/kg	0.002	ND
Dimethyl aminoterephthalate	5372-81-6	-	mg/kg	0.002	ND
3,4-Dichloroaniline	95-76-1	-	mg/kg	0.002	ND
1-Naphthylamine	134-32-7	-	mg/kg	0.002	ND
2-Aminobiphenyl	90-41-5	-	mg/kg	0.002	ND
Butyl anthranilate	7756-96-9	-	mg/kg	0.002	ND
2,4'-Diaminodiphenylmethane	1208-52-2	-	mg/kg	0.002	ND
2-Amino-5-methylbenzoic acid	2941-78-8	-	mg/kg	0.002	ND
Comment					Pass

Notes:

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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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Sample Photo:



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