

Test Report

No.: NGBEC26003818601

Date: Jul 03, 2026

Page 1 of 10

Client Name: SHENZHEN ESUN INDUSTRIAL CO.,LTD

Client Address: 15A, MICROSOFT KETONG BUILDING, NO. 55 GAOXINNAN 9TH ROAD, HIGH TECH COMMUNITY, YUEHAI STREET, NANSHAN DISTRICT, SHENZHEN

Sample Name: PETG+

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

SGS Job No.: CQP26-005821

Sample Receiving Date: May 13, 2026

Testing Period: May 13, 2026 ~ Jun 18, 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
4	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 ethylene glycol and diethylene glycol (expressed as ethylene glycol)	Pass
5	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 terephthalic acid	Pass
6	Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004, Commission Regulation (EU) 2024/3190 - Hazardous bisphenols and bisphenol derivatives	Pass

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

Pinky Wu

Pinky Wu

Approved Signatory

Scan to see the report



4B527798



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

Unit 6, 1/F, & Unit 2 & Unit 5, 2/F, Building 7 / 1/F, & Unit 2, 4/F, Building 5 / Unit 2, 1/F, & 2/F to 5/F, Building 4 / Unit 2, 1/F, Building 3 / 4/F, Building 1, No. 1177 Lingyun Road, Meixu Subdistrict, Hi-Tech Zone, Ningbo, Zhejiang, China. www.sgs.com
中国·浙江·宁波市高新区梅墟街道凌云路1177号007幢1层B区, 003幢3层A区, 009幢4层B区, 009幢4层C区, 004幢5层, 004幢5层A区, 004幢5层B区, 008幢7层B区, 5区 sgs.china@sgs.com

Test Report

No.: NGBEC26003818601

Date: Jul 03, 2026

Page 2 of 10

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

Test Result(s):

Test Part Description:

SN ID	Sample No.	SGS Sample ID	Description	Material (claimed by the client)
SN1	A1	NGB26-0038186-0001.C001	White plastic	PETG

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	10.0 dm ² /kg	6.0 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		
	20% Ethanol(V/V)	95% Ethanol	Isooctane
A1	40 °C, 10 days	40 °C, 10 days	20 °C, 2 days

Simulant used	Limit	Unit(s)	RL	A1 (1 st)	A1 (2 nd)	A1 (3 rd)	Stability	Comment
20% Ethanol(V/V)	10	mg/dm ²	3.0	ND	ND	ND	Compliant	Pass
95% Ethanol	10	mg/dm ²	3.0	ND	ND	ND	Compliant	Pass
Isooctane	10	mg/dm ²	3.0	ND	ND	ND	Compliant	Pass

Notes:



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

SGS-CS Standards Technical Services (Ningbo) Co., Ltd. Unit 6, 1/F, & Unit 2 & Unit 5, 2/F, Building 7/1/F, & Unit 2, 4/F, Building 5/Unit 2, 1/F, & 2/F to 5/F, Building 4/Unit 2, 1/F, Building 3/4/F, Building 1, No. 1177 Lingyun Road, Meixu Subdistrict, Hi-Tech Zone, Ningbo, Zhejiang, China. www.sgs.com
中国·浙江·宁波市高新区梅墟街道凌云路1177号007幢4层, 003幢3层2区, 009幢4号楼1层2区, 009幢4号楼2-5层, 004幢5号楼1层, 004幢5号楼4层2区, 008幢7号楼1层4区, 008幢7号楼2层2区, 5区 sgs.china@sgs.com

Test Report

No.: NGBEC26003818601

Date: Jul 03, 2026

Page 3 of 10

- (1) Test condition & simulant were specified by client.
- (2) 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-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	Second	Third
Arsenic(As)	ND	mg/kg	0.01	ND	ND	ND
Cadmium(Cd)	ND	mg/kg	0.002	ND	ND	ND
Chromium(Cr)	ND	mg/kg	0.01	ND	ND	ND
Mercury(Hg)	ND	mg/kg	0.01	ND	ND	ND
Lead(Pb)	ND	mg/kg	0.01	ND	ND	ND
Aluminium(Al)	1	mg/kg	0.2	ND	ND	ND
Barium(Ba)	1	mg/kg	0.2	ND	ND	ND
Cobalt(Co)	0.05	mg/kg	0.01	ND	ND	ND
Copper(Cu)	5	mg/kg	1.0	ND	ND	ND
Iron(Fe)	48	mg/kg	9.6	ND	ND	ND
Lithium(Li)	0.6	mg/kg	0.12	ND	ND	ND
Manganese(Mn)	0.6	mg/kg	0.12	ND	ND	ND
Zinc(Zn)	5	mg/kg	1.0	ND	ND	ND
Nickel(Ni)	0.02	mg/kg	0.01	ND	ND	ND
Antimony(Sb)	0.04	mg/kg	0.01	ND	ND	ND
Europium(Eu)	-	mg/kg	0.01	ND	ND	ND
Gadolinium(Gd)	-	mg/kg	0.01	ND	ND	ND
Lanthanum(La)	-	mg/kg	0.01	ND	ND	ND
Terbium(Tb)	-	mg/kg	0.01	ND	ND	ND
Europium(Eu)+ Gadolinium(Gd)+ Lanthanum(La)+ Terbium(Tb)	0.05	mg/kg	-	ND	ND	ND
Stability	-	-	-	Compliant		
Comment				Pass		

Notes:

- (1) Test condition & simulant were specified by client.
- (2) 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.



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

SGS-CS Standards Technical Services (Ningbo) Co., Ltd.
Central Chemicals (Ningbo) Co., Ltd.

Unit 6, 1/F, & Unit 2 & Unit 5, 2/F, Building 7 / 1/F, & Unit 2, 4/F, Building 5 / Unit 2, 1/F, & 2/F to 5/F, Building 4 / Unit 2, 1/F, Building 3 / 4/F, Building 1, No. 1177 Lingyun Road, Meixu Subdistrict, Hi-Tech Zone, Ningbo, Zhejiang, China. www.sgs.com
中国·浙江·宁波市高新区梅墟街道凌云路1177号007幢1层4层, 003幢3层2层2区, 009幢4号楼1层2区, 009幢4号楼2-5层, 004幢5号楼1层, 004幢5号楼4层2区, 008幢7号楼1层4区, 008幢7号楼2层2区, 5区 sgs.china@sgs.com

Test Report

No.: NGBEC26003818601

Date: Jul 03, 2026

Page 4 of 10

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)	40 °C, 10 days

Test Item(s)	CAS No.	Limit	Unit(s)	RL	A1		
3% Acetic acid (W/V)							
Migration times					First	Second	Third
2,4,5-Trimethylaniline	137-17-7	ND	mg/kg	0.002	ND	ND	ND
2,4-Toluenediamine(2,4-TDA)	95-80-7	ND	mg/kg	0.002	ND	ND	ND
2-Methoxy-5-methylaniline	120-71-8	ND	mg/kg	0.002	ND	ND	ND
3,3'-Dimethylbenzidine	119-93-7	ND	mg/kg	0.002	ND	ND	ND
4,4'-Diaminodiphenyl ether	101-80-4	ND	mg/kg	0.002	ND	ND	ND
4,4'-Methylenedianiline	101-77-9	ND	mg/kg	0.002	ND	ND	ND
4,4'-Methylenedio-toluidine	838-88-0	ND	mg/kg	0.002	ND	ND	ND
4-Aminobiphenyl	92-67-1	ND	mg/kg	0.002	ND	ND	ND
4-Chloroaniline	106-47-8	ND	mg/kg	0.002	ND	ND	ND
4-Chloro-o-toluidine	95-69-2	ND	mg/kg	0.002	ND	ND	ND
4-Methoxy-m-phenylenediamine	615-05-4	ND	mg/kg	0.002	ND	ND	ND
Benzidine	92-87-5	ND	mg/kg	0.002	ND	ND	ND
o-Anisidine	90-04-0	ND	mg/kg	0.002	ND	ND	ND
o-Toluidine	95-53-4	ND	mg/kg	0.002	ND	ND	ND
2-Naphthylamine	91-59-8	ND	mg/kg	0.002	ND	ND	ND
o-Aminoazotoluene	97-56-3	ND	mg/kg	0.002	ND	ND	ND
3,3'-Dichlorobenzidine	91-94-1	ND	mg/kg	0.002	ND	ND	ND
3,3'-Dimethoxybenzidine	119-90-4	ND	mg/kg	0.002	ND	ND	ND



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

SGS-CSI Standards Technical Services (Ningbo) Co., Ltd. Unit 6, 1/F, & Unit 2 & Unit 5, 2/F, Building 7 / 1/F, & Unit 2, 4/F, Building 5 / Unit 2, 1/F, & 2/F to 5/F, Building 4 / Unit 2, 1/F, Building 3 / 4/F, Building 1, No. 1177 Lingyun Road, Meixu Subdistrict, Hi-Tech Zone, Ningbo, Zhejiang, China. www.sgs.com
中国·浙江·宁波市高新区梅墟街道凌云路1177号007幢1层4层, 003幢3层4层, 009幢4层1层2层, 009幢4层2-5层, 004幢5层1层, 004幢5层4层2层, 008幢7号楼1层4层, 008幢7号楼2层2层, 5区 sgs.china@sgs.com

Test Report

No.: NGBEC26003818601

Date: Jul 03, 2026

Page 5 of 10

Test Item(s)	CAS No.	Limit	Unit(s)	RL	A1		
4,4'-Methylene-bis-(2-chloro-aniline)	101-14-4	ND	mg/kg	0.002	ND	ND	ND
4,4'-Thiodianiline	139-65-1	ND	mg/kg	0.002	ND	ND	ND
4-Amino azobenzene	60-09-3	ND	mg/kg	0.002	ND	ND	ND
1,3-Phenylenediamine	108-45-2	ND	mg/kg	0.002	ND	ND	ND
2-Amino-4-nitrotoluene	99-55-8	ND	mg/kg	0.002	ND	ND	ND
Primary aromatic amine(other)	-	0.01	mg/kg	-	ND	ND	ND
1,3-Diiminoisoindoline	3468-11-9	-	mg/kg	0.010	ND	ND	ND
3-Anisidine	536-90-3	-	mg/kg	0.002	ND	ND	ND
2-Amino-1-naphthalenesulfonic acid	81-16-3	-	mg/kg	0.005	ND	ND	ND
2-Ethoxyaniline	94-70-2	-	mg/kg	0.005	ND	ND	ND
5-Chloro-2-methoxyaniline	95-03-4	-	mg/kg	0.005	ND	ND	ND
2-Chloraniline	95-51-2	-	mg/kg	0.010	ND	ND	ND
4-Toluidine	106-49-0	-	mg/kg	0.002	ND	ND	ND
1,4-Phenylenediamine	106-50-3	-	mg/kg	0.002	ND	ND	ND
3-Chloroaniline	108-42-9	-	mg/kg	0.010	ND	ND	ND
3-Toluidine	108-44-1	-	mg/kg	0.002	ND	ND	ND
3-Amino-4-methoxybenzanilide	120-35-4	-	mg/kg	0.002	ND	ND	ND
2-Chloro-4-nitroaniline	121-87-9	-	mg/kg	0.005	ND	ND	ND
4-Chlor-3-methoxyaniline	13726-14-2	-	mg/kg	0.005	ND	ND	ND
4-Ethoxyaniline	156-43-4	-	mg/kg	0.002	ND	ND	ND
3-Amino-4-methylbenzamide	19406-86-1	-	mg/kg	0.002	ND	ND	ND
1,5-Diaminonaphthalene	2243-62-1	-	mg/kg	0.002	ND	ND	ND
4-Aminobenzamide	2835-68-9	-	mg/kg	0.005	ND	ND	ND
Aniline	62-53-3	-	mg/kg	0.002	ND	ND	ND
4-Chlor-2,5-dimethoxyaniline	6358-64-1	-	mg/kg	0.005	ND	ND	ND
2,4,5-Trichloroaniline	636-30-6	-	mg/kg	0.010	ND	ND	ND



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

SGS-CS Standards Technical Services (Ningbo) Co., Ltd.
Central Chemical Services (Ningbo) Co., Ltd.

Unit 6, 1/F, & Unit 2 & Unit 5, 2/F, Building 7 / 1/F, & Unit 2, 4/F, Building 5 / Unit 2, 1/F, & 2/F to 5/F, Building 4 / Unit 2, 1/F, Building 3 / 4/F, Building 1, No. 1177 Lingyun Road, Meixu Subdistrict, Hi-Tech Zone, Ningbo, Zhejiang, China. www.sgs.com
中国·浙江·宁波市高新区梅墟街道凌云路1177号007幢1层4层, 003幢3层4层, 009幢4层1层2区, 009幢4层2-5层, 004幢5层1层, 004幢5层4层2区, 008幢7号楼1层4区, 008幢7号楼2层2区, 5区 sgs.china@sgs.com

Test Report

No.: NGBEC26003818601

Date: Jul 03, 2026

Page 6 of 10

Test Item(s)	CAS No.	Limit	Unit(s)	RL	A1		
5-Amino-6-methylbenzimidazole	67014-36-2	-	mg/kg	0.005	ND	ND	ND
2,6-Diaminotoluene	823-40-5	-	mg/kg	0.002	ND	ND	ND
2,6-Dimethylaniline(2,6-DMA)	87-62-7	-	mg/kg	0.002	ND	ND	ND
4-Aminotoluene-3-sulfonic acid	88-44-8	-	mg/kg	0.005	ND	ND	ND
1,2-Phenyldiamine	95-54-5	-	mg/kg	0.002	ND	ND	ND
2,4-Dimethylaniline(2,4-DMA)	95-68-1	-	mg/kg	0.002	ND	ND	ND
5-Chloro-2-methylaniline	95-79-4	-	mg/kg	0.005	ND	ND	ND
2,5-Dichloroaniline	95-82-9	-	mg/kg	0.010	ND	ND	ND
2,4-Dinitroaniline	97-02-9	-	mg/kg	0.005	ND	ND	ND
2-Methoxy-4-nitroaniline	97-52-9	-	mg/kg	0.005	ND	ND	ND
p-Anisidine	104-94-9	-	mg/kg	0.002	ND	ND	ND
Dimethyl aminoterephthalate	5372-81-6	-	mg/kg	0.002	ND	ND	ND
3,4-Dichloroaniline	95-76-1	-	mg/kg	0.002	ND	ND	ND
1-Naphthylamine	134-32-7	-	mg/kg	0.002	ND	ND	ND
2-Aminobiphenyl	90-41-5	-	mg/kg	0.002	ND	ND	ND
Butyl anthranilate	7756-96-9	-	mg/kg	0.002	ND	ND	ND
2,4'-Diaminodiphenyl methane	1208-52-2	-	mg/kg	0.002	ND	ND	ND
2-Amino-5-methylbenzoic acid	2941-78-8	-	mg/kg	0.002	ND	ND	ND
Stability	-	-	-	-	Compliant		
Comment					Pass		

Notes:

- (1) Test condition & simulant were specified by client.
- (2) 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.



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

SGS-CS Standards Technical Services (Ningbo) Co., Ltd.
Central Chemicals Inspection Services (Ningbo) Co., Ltd.

Unit 6, 1/F, & Unit 2 & Unit 5, 2/F, Building 7/1/F, & Unit 2, 4/F, Building 5/Unit 2, 1/F, & 2/F, Building 4/Unit 2, 1/F, Building 3/4/F, Building 1, No. 1177 Lingyun Road, Meixu Subdistrict, Hi-Tech Zone, Ningbo, Zhejiang, China. www.sgs.com
中国·浙江·宁波市高新区梅墟街道凌云路1177号007幢4层, 003幢3层2区, 009幢4层1层2区, 009幢4层2-5层, 004幢5层1层, 004幢5层4层2区, 008幢7号楼1层4区, 008幢7号楼2层2区, 5区 sgs.china@sgs.com

Test Report

No.: NGBEC26003818601

Date: Jul 03, 2026

Page 7 of 10

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 ethylene glycol and diethylene glycol (expressed as ethylene glycol)

Test Method: With reference to EN 13130-1: 2004 and BS EN 13130-7:2004, analysis was performed by GC-FID.

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	Second	Third
Specific migration of ethylene glycol	-	mg/kg	3	ND	ND	ND
Specific migration of diethylene glycol	-	mg/kg	3	ND	ND	ND
Sum of ethylene glycol and diethylene glycol (expressed as ethylene glycol)	30	mg/kg	-	ND	ND	ND
Stability	-	-	-	Compliant		
Comment				Pass		

Notes:

- (1) Test condition & simulant were specified by client.
- (2) 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, (EU) No 10/2011 and its amendment (EU) 2025/351 Regulation - Specific migration of terephthalic acid

Test Method: With reference to EN 13130-1:2004 and EN 13130-2:2004, analysis was performed by LC-DAD.

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	Second	Third
Specific migration of terephthalic acid	7.5	mg/kg	1.5	ND	ND	ND
Stability	-	-	-	Compliant		



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

SGS-CS Standards Technical Services (Wuxi) Co., Ltd.
Central Chemical Services (Wuxi) Co., Ltd.

Unit 6, 1/F, & Unit 2 & Unit 5, 2/F, Building 7/1/F, & Unit 2, 4/F, Building 5/Unit 2, 1/F, & 2/F, Building 4/Unit 2, 1/F, Building 3/4/F, Building 1, No. 1177 Lingyun Road, Meixu Subdistrict, Hi-Tech Zone, Ningbo, Zhejiang, China. www.sgs.com
中国·浙江·宁波市高新区梅墟街道凌云路1177号07幢1层4层, 003幢3层2层2区, 009幢4号楼1层2区, 009幢4号楼2-5层, 004幢5号楼1层, 004幢5号楼4层2区, 008幢7号楼1层4区, 008幢7号楼2层2区, 5区 sgs.china@sgs.com

Test Report

No.: NGBEC26003818601

Date: Jul 03, 2026

Page 8 of 10

Test Item(s)	Limit	Unit(s)	RL	A1
Comment				Pass

Notes:

- (1) Test condition & simulant were specified by client.
- (2) 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, Commission Regulation (EU) 2024/3190 - Hazardous bisphenols and bisphenol derivatives

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

Test Item(s)	CAS No.	Limit	Unit(s)	RL	A1
Bisphenol A (BPA)	80-05-7	ND	µg/kg	1	ND
Bisphenol F (BPF)	620-92-8	ND	µg/kg	1	ND
Bisphenol S (BPS)	80-09-1	ND	µg/kg	1	ND
4,4'-Isobutylethylidenediphenol	6807-17-6	ND	µg/kg	1	ND
Phenolphthalein	77-09-8	ND	µg/kg	1	ND
Bisphenol AF (BPAF)	1478-61-1	ND	µg/kg	1	ND
Tetrabromobisphenol A (TBBPA)	79-94-7	ND	µg/kg	1	ND
Comment					Pass

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	10.0
Sensorial examination odour	2.5	-	0.0
Sensorial examination taste	2.5	-	0.0
Comment			Pass

Notes:

Intensity scale (rounded at 0.5):

- 0 – no perceptible difference
- 1 – just perceptible difference
- 2 – slight difference



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

SGS-CSI Standards Technical Services (Ningbo) Co., Ltd. Unit 6, 1/F, & Unit 2 & Unit 5, 2/F, Building 7 / 1/F, & Unit 2, 4/F, Building 5 / Unit 2, 1/F, & 2/F, Building 4 / Unit 2, 1/F, Building 3 / 4/F, Building 1, No. 1177 Lingyun Road, Meixu Subdistrict, Hi-Tech Zone, Ningbo, Zhejiang, China. www.sgs.com
中国·浙江·宁波市高新区梅墟街道凌云路1177号007幢4层, 003幢3层2区, 009幢4号楼1层2区, 009幢4号楼2-5层, 004幢5号楼1层, 004幢5号楼4层2区, 008幢7号楼1层4区, 008幢7号楼2层2区, 5区 sgs.china@sgs.com

Test Report

No.: NGBEC26003818601

Date: Jul 03, 2026

Page 9 of 10

- 3 – marked difference
- 4 – strong difference

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.



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

SGS-CS Standards Technical Services (Ningbo) Co., Ltd.
Central Chemicals (Ningbo) Co., Ltd.

Unit 6, 1/F, & Unit 2 & Unit 5, 2/F, Building 7 / 1/F, & Unit 2, 4/F, Building 5 / Unit 2, 1/F, & 2/F, Building 4 / Unit 2, 1/F, Building 3 / 4/F, Building 1, No. 1177 Lingyun Road, Meixu Subdistrict, Hi-Tech Zone, Ningbo, Zhejiang, China. www.sgsgroup.com.cn
中国·浙江·宁波市高新区梅墟街道凌云路1177号007幢1层4层, 003幢3层1层2区, 009幢4层1层2区, 009幢4层2-5层, 004幢5层1层, 004幢5层4层2区, 008幢7号楼1层4区, 008幢7号楼2层2区, 5区 sgs.china@sgs.com

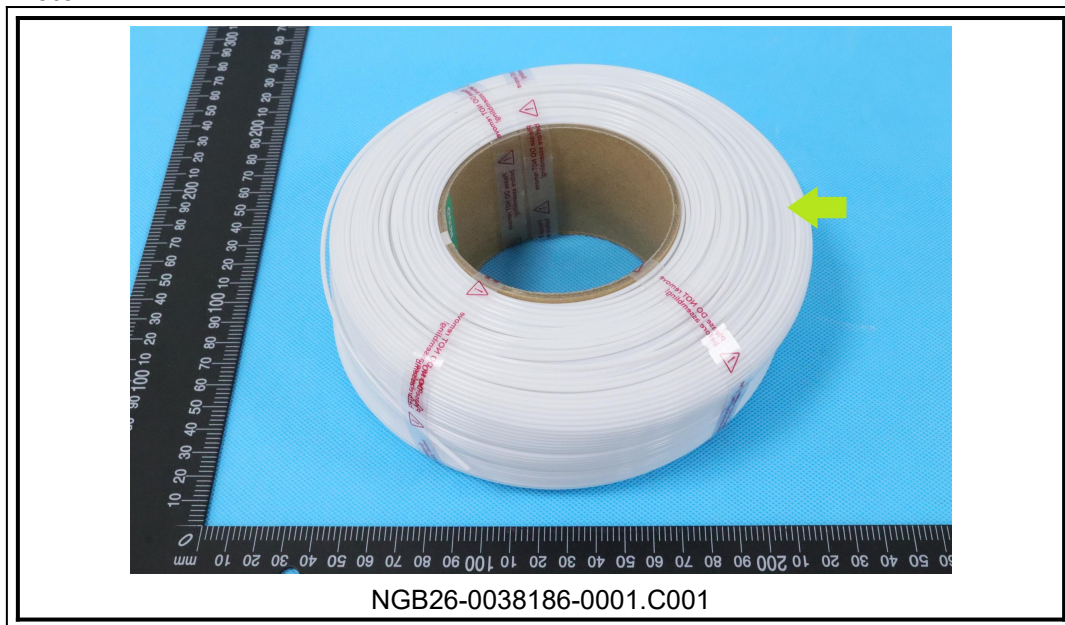
Test Report

No.: NGBEC26003818601

Date: Jul 03, 2026

Page 10 of 10

Sample Photo:



SGS authenticate the photo on original report only

*** End of Report ***



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

SGS-CS Standards Technical Services (Ningbo) Co., Ltd.
Central Chemicals (Ningbo) Co., Ltd.

Unit 6, 1/F, & Unit 2 & Unit 5, 2/F, Building 7 / 1/F, & Unit 2, 4/F, Building 5 / Unit 2, 1/F, & 2/F to 5/F, Building 4 / Unit 2, 1/F, Building 3 / 4/F, Building 1, No. 1177 Lingyun Road, Meixu Subdistrict, Hi-Tech Zone, Ningbo, Zhejiang, China. www.sgs.com
中国·浙江·宁波市高新区梅墟街道凌云路1177号007幢1层4层, 003幢3号楼1层2区, 009幢4号楼1层2区, 009幢4号楼2-5层, 004幢5号楼1层, 004幢5号楼4层2区, 008幢7号楼1层4区, 008幢7号楼2层2区, 5区 sgs.china@sgs.com