



TEST REPORT

Report No.: CCI260501050EN

Report Date: Jun. 10, 2026

Page 1 of 25

Applicant : Mid Ocean Brands B.V.

Address : Unit 711-716, 7/F., Tower A, 83 King Lam Street Cheung Sha Wan, Kowloon, Hong Kong

(The following sample(s) was (were) submitted and identified by client as)

Sample Name : Double wall tumbler

Model/Item No. : MO3156

Vendor Code : 107978

Test Period : From May 26, 2026 to Jun. 10, 2026

Tests Conducted : As requested by the applicant, for details refer to next page(s).

Signed for and on behalf of

Compliance Control Institute (Guangzhou) Co., Ltd.

Approved by: _____

Pascal SHI/Technical Director

Compliance Control Institute (Guangzhou) Co., Ltd.

Room 701, Building 2, No.89, Majun Street, Nansha District, Guangzhou,
Guangdong, China
Tel: +86-20-84900678 Fax: +86-20-84910993
Email: cs@ccilab.com.cn Website: www.ccilab.com.cn

This report is governed by, and incorporates by reference, the General Terms and Conditions of Testing which could be obtained / consulted by request to CCI or via the webpage of Conditions of Testing in the official website: www.ccilab.com.cn. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. This report sets forth our findings solely respect to the client's request(s) and the test results are obtained just with the submitted sample identified herein. The test results set forth in this report are not indicative or representative of the quality or characteristics of the lot from which a test sample was taken or any similar or identical product unless specifically and expressly noted. This report can not be reproduced except in full, without prior written permission of CCI. Any unauthorized alteration, forgery or falsification of the content or appearance of this report is unlawful, and any offenders may be prosecuted to the fullest extent of the law.



TEST REPORT

Report No.: CCI260501050EN

Report Date: Jun. 10, 2026

Page 2 of 25

Executive Summary:

No.	TESTED SAMPLES	STANDARD / REQUIREMENT	CONCLUSION
1	Tested material(s) of submitted sample(s)	Entry 23 of Annex XVII to the REACH Regulation (EC) No.1907/2006 - Cadmium (Cd)	PASS
2	Tested material(s) of submitted sample(s)	Entry 43 of Annex XVII to the REACH Regulation (EC) No.1907/2006 - Azo colorants and Azo dyes	PASS
3	Tested material(s) of submitted sample(s)	Entry 50 of Annex XVII to the REACH Regulation (EC) No.1907/2006 - Polycyclic-aromatic hydrocarbons (PAH)	PASS
4	Tested material(s) of submitted sample(s)	Entry 51&52 of Annex XVII to the REACH Regulation (EC) No.1907/2006 - Phthalate	PASS
5	Tested material(s) of submitted sample(s)	Entry 63 of Annex XVII to the REACH Regulation (EC) No.1907/2006 - Lead (Pb)	PASS
6	Tested material(s) of submitted sample(s)	Client's requirements on Colour fastness to rubbing	PASS
7	Tested material(s) of submitted sample(s)	Regulation (EU) No 1935/2004 and Technical guide on Metals and alloys used in food contact materials and articles (2 nd edition), supplementing Council of Europe Resolution CM/Res (2020)9 - Specific migration of heavy metals	PASS
8	Tested material(s) of submitted sample(s)	Regulation (EC) No. 1935/2004 & Regulation (EU) No 10/2011 and amendment directive (EU) 2020/1245 and the amendment Commission Regulation (EU) 2024/3190 for plastic materials - Overall Migration - 3% Acetic acid - 50% Ethanol - Specific migration of restricted substances - Specific migration of Primary Aromatic Amines - Bisphenol A (BPA) - Specific migration of Acrylonitrile	PASS
9	Tested material(s) of submitted sample(s)	Regulation (EC) No. 1935/2004 & Resolution AP(2004)5 on Silicone rubber products intended to come into contact with foodstuffs - Overall Migration - 3% Acetic acid - 50% Ethanol - Bisphenol A (BPA)	PASS



TEST REPORT

Report No.: CCI260501050EN

Report Date: Jun. 10, 2026

Page 3 of 25

10	Tested material(s) of submitted sample(s)	French Arrêté du 25 novembre 1992 on Silicon - Overall Migration - 3% Acetic acid - 50% Ethanol - Volatile Organic matter (VOM) - Peroxide Value - Specific migration of organotin (As Tin) - Bisphenol A (BPA)	PASS
11	Tested material(s) of submitted sample(s)	Regulation (EC) No. 1935/2004 & Resolution AP(2004)1 on coating intended to come into contact with foodstuffs - Overall Migration - 3% acetic acid - 50% Ethanol - Specific migration of restricted substances - Specific migration of Primary Aromatic Amines - Bisphenol A (BPA)	PASS
12	Tested material(s) of submitted sample(s)	European Council Directive 84/500/EEC and its amendment Commission Directive 2005/31/EC for ceramic articles intended to come into contact with foodstuffs - Migration Lead and Cadmium	PASS
13	Submitted sample(s)	Dishwasher safe test for complying with the requirements stated in the Clause 5.4 of PAS 54:2003	PASS



TEST REPORT

Report No.: CCI260501050EN

Report Date: Jun. 10, 2026

Page 4 of 25

TESTS CONDUCTED:

1. Cadmium (Cd)

Test Method: With reference to EPA 3052:1996, EPA 3050B:1996, the analysis was performed by Atomic Absorption Spectroscopy (AAS) or Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES).

Material No.	Limit (mg/kg)	RL (mg/kg)	Test Result (mg/kg)	Conclusion
2	100	2	N.D.	PASS
4	100	2	N.D.	PASS
5	100	2	N.D.	PASS
6	100	2	N.D.	PASS
10	100	2	N.D.	PASS
7	1000	2	N.D.	PASS
11+12+13	1000	2	N.D.	PASS

Note:

1. mg/kg = Milligram per kilogram.
2. N.D. = Not Detected (< RL).
3. RL = Reporting Limit.



TEST REPORT

Report No.: CCI260501050EN

Report Date: Jun. 10, 2026

Page 5 of 25

2. Azo colorants and Azo dyes

Test Method: With reference to EN ISO 14362-1:2017, by Gas Chromatography-Mass Spectrometry (GC-MS) analysis.

No.	ANALYTE	CAS No.	RL (mg/kg)	Limit (mg/kg)	Test Result (mg/kg)
					1+3
1	4-aminodiphenyl	92-67-1	5	30	N.D.
2	Benzidine	92-87-5	5	30	N.D.
3	4-chloro-o-toluidine	95-69-2	5	30	N.D.
4	2-naphthylamine	91-59-8	5	30	N.D.
5	o-aminoazotoluene	97-56-3	5	30	N.D.
6	2-amino-4-nitrotoluene	99-55-8	5	30	N.D.
7	p-chloroaniline	106-47-8	5	30	N.D.
8	2,4-diaminoanisole	615-05-4	5	30	N.D.
9	4,4'-diaminodiphenylmethane	101-77-9	5	30	N.D.
10	3,3'-dichlorobenzidine	91-94-1	5	30	N.D.
11	3,3'-dimethoxybenzidine	119-90-4	5	30	N.D.
12	3,3'-dimethylbenzidine	119-93-7	5	30	N.D.
13	3,3'-dimethyl-4,4'-diaminodiphenylmethane	838-88-0	5	30	N.D.
14	p-cresidine	120-71-8	5	30	N.D.
15	4,4'-methylene-bis-(2-chloroaniline)	101-14-4	5	30	N.D.
16	4,4'-oxydianiline	101-80-4	5	30	N.D.
17	4,4'-thiodianiline	139-65-1	5	30	N.D.
18	o-toluidine	95-53-4	5	30	N.D.
19	2,4-diaminotoluene	95-80-7	5	30	N.D.
20	2,4,5-trimethylaniline	137-17-7	5	30	N.D.
21	2-methoxyaniline	90-04-0	5	30	N.D.
22	4-aminoazobenzene *	60-09-3	5	30	N.D.
Conclusion					PASS

Note:

1. RL= Reporting Limit.

2. mg/kg = Milligram per kilog

Compliance Control Institute (Guangzhou) Co., Ltd.

Room 701, Building 2, No.89, Majun Street, Nansha District, Guangzhou, Guangdong, China
Tel: +86-20-84900678 Fax: +86-20-84910993
Email: cs@ccilab.com.cn Website: www.ccilab.com.cn

This report is governed by, and incorporates by reference, the General Terms and Conditions of Testing which could be obtained / consulted by request to CCI or via the webpage of Conditions of Testing in the official website: www.ccilab.com.cn. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. This report sets forth our findings solely respect to the client's request(s) and the test results are obtained just with the submitted sample identified herein. The test results set forth in this report are not indicative or representative of the quality or characteristics of the lot from which a test sample was taken or any similar or identical product unless specifically and expressly noted. This report can not be reproduced except in full, without prior written permission of CCI. Any unauthorized alteration, forgery or falsification of the content or appearance of this report is unlawful, and any offenders may be prosecuted to the fullest extent of the law.



TEST REPORT

Report No.: CCI260501050EN

Report Date: Jun. 10, 2026

Page 6 of 25

3. N.D. = Not Detected (< RL).

4. * = Azo colorants that are able to form 4-aminoazobenzene, generate aniline and 1,4-phenylenediamine under the condition of test method EN ISO 14362-1:2017, The presence of these colorants can not be confirmed by this test method. The result of 4-aminoazobenzene is analysed and confirmed by test method EN ISO 14362-3:2017.

5. For the tested samples in this report, the aniline and 1,4-phenylenediamine were not found.

3. Polycyclic-aromatic hydrocarbons (PAH)

Test Method: With reference to AfPS GS 2019:01 PAK, the analysis was performed by Gas Chromatography-Mass Spectrometry (GC-MS).

Restricted Substances	CAS No.	RL (mg/kg)	Test Result (mg/kg)			
			2	4	5	6
Benzo[a]pyrene (BaP)	50-32-8	0.2	N.D.	N.D.	N.D.	N.D.
Benzo[e]pyrene (BeP)	192-97-2	0.2	N.D.	N.D.	N.D.	N.D.
Benzo[a]anthracene (BaA)	56-55-3	0.2	N.D.	N.D.	N.D.	N.D.
Chrysen (CHR)	218-01-9	0.2	N.D.	N.D.	N.D.	N.D.
Benzo[b]fluoranthene (BbFA)	205-99-2	0.2	N.D.	N.D.	N.D.	N.D.
Benzo[j]fluoranthene (BjFA)	205-82-3	0.2	N.D.	N.D.	N.D.	N.D.
Benzo[k]fluoranthene (BkFA)	207-08-9	0.2	N.D.	N.D.	N.D.	N.D.
Dibenzo[a,h]anthracene (DBAhA)	53-70-3	0.2	N.D.	N.D.	N.D.	N.D.
Conclusion			PASS	PASS	PASS	PASS

Restricted Substances	CAS No.	RL (mg/kg)	Test Result (mg/kg)		
			7	10	11+12+13
Benzo[a]pyrene (BaP)	50-32-8	0.2	N.D.	N.D.	N.D.
Benzo[e]pyrene (BeP)	192-97-2	0.2	N.D.	N.D.	N.D.
Benzo[a]anthracene (BaA)	56-55-3	0.2	N.D.	N.D.	N.D.
Chrysen (CHR)	218-01-9	0.2	N.D.	N.D.	N.D.
Benzo[b]fluoranthene (BbFA)	205-99-2	0.2	N.D.	N.D.	N.D.
Benzo[j]fluoranthene (BjFA)	205-82-3	0.2	N.D.	N.D.	N.D.
Benzo[k]fluoranthene (BkFA)	207-08-9	0.2	N.D.	N.D.	N.D.
Dibenzo[a,h]anthracene (DBAhA)	53-70-3	0.2	N.D.	N.D.	N.D.
Conclusion			PASS	PASS	PASS

Note:

1. mg/kg = Milligram per kilogram.

Compliance Control Institute (Guangzhou) Co., Ltd.

Room 701, Building 2, No.89, Majun Street, Nansha District, Guangzhou, Guangdong, China
Tel: +86-20-84900678 Fax: +86-20-84910993
Email: cs@ccilab.com.cn Website: www.ccilab.com.cn

This report is governed by, and incorporates by reference, the General Terms and Conditions of Testing which could be obtained / consulted by request to CCI or via the webpage of Conditions of Testing in the official website: www.ccilab.com.cn. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. This report sets forth our findings solely respect to the client's request(s) and the test results are obtained just with the submitted sample identified herein. The test results set forth in this report are not indicative or representative of the quality or characteristics of the lot from which a test sample was taken or any similar or identical product unless specifically and expressly noted. This report can not be reproduced except in full, without prior written permission of CCI. Any unauthorized alteration, forgery or falsification of the content or appearance of this report is unlawful, and any offenders may be prosecuted to the fullest extent of the law.



TEST REPORT

Report No.: CCI260501050EN

Report Date: Jun. 10, 2026

Page 7 of 25

2. N.D. = Not Detected (< RL).

3. RL = Reporting Limit.

4. Requirement: a) For articles for supply to the general public: No more than 1mg/kg each;
b) For toys: No more than 0.5mg/kg each.

4. Phthalates

Test Method: With reference to EN 14372:2004, the analysis was performed by Gas Chromatography-Mass Spectrometry (GC-MS).

Restricted Substances	CAS No.	RL (%)	Limit (%)	Test Result (%)			
				2	4	5	6
Bis(2-ethylhexyl) phthalate (DEHP)	117-81-7	0.003	0.1	N.D.	N.D.	N.D.	N.D.
Dibutyl phthalate (DBP)	84-74-2	0.003	0.1	N.D.	N.D.	N.D.	N.D.
Benzyl butyl phthalate (BBP)	85-68-7	0.003	0.1	N.D.	N.D.	N.D.	N.D.
Diisobutyl phthalate (DIBP)	84-69-5	0.003	0.1	N.D.	N.D.	N.D.	N.D.
Sum		/	0.1	N.D.	N.D.	N.D.	N.D.
Di-isononyl phthalate (DINP)	28553-12-0 68515-48-0	0.005	0.1	N.D.	N.D.	N.D.	N.D.
Di-isodecyl phthalate (DIDP)	26761-40-0 68515-49-1	0.005	0.1	N.D.	N.D.	N.D.	N.D.
Di-n-octyl phthalate (DNOP)	117-84-0	0.003	0.1	N.D.	N.D.	N.D.	N.D.
Sum		/	0.1	N.D.	N.D.	N.D.	N.D.
Conclusion				PASS	PASS	PASS	PASS

Restricted Substances	CAS No.	RL (%)	Limit (%)	Test Result (%)		
				7	10	11+12+13
Bis(2-ethylhexyl) phthalate (DEHP)	117-81-7	0.003	0.1	N.D.	N.D.	N.D.
Dibutyl phthalate (DBP)	84-74-2	0.003	0.1	N.D.	N.D.	N.D.
Benzyl butyl phthalate (BBP)	85-68-7	0.003	0.1	N.D.	N.D.	N.D.
Diisobutyl phthalate (DIBP)	84-69-5	0.003	0.1	N.D.	N.D.	N.D.
Sum		/	0.1	N.D.	N.D.	N.D.
Di-isononyl phthalate (DINP)	28553-12-0 68515-48-0	0.005	0.1	N.D.	N.D.	N.D.
Di-isodecyl phthalate (DIDP)	26761-40-0 68515-49-1	0.005	0.1	N.D.	N.D.	N.D.

Compliance Control Institute (Guangzhou) Co., Ltd.

Room 701, Building 2, No.89, Majun Street, Nansha District, Guangzhou,
Guangdong, China
Tel: +86-20-84900678 Fax: +86-20-84910993
Email: cs@ccilab.com.cn Website: www.ccilab.com.cn

This report is governed by, and incorporates by reference, the General Terms and Conditions of Testing which could be obtained / consulted by request to CCI or via the webpage of Conditions of Testing in the official website: www.ccilab.com.cn. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. This report sets forth our findings solely respect to the client's request(s) and the test results are obtained just with the submitted sample identified herein. The test results set forth in this report are not indicative or representative of the quality or characteristics of the lot from which a test sample was taken or any similar or identical product unless specifically and expressly noted. This report can not be reproduced except in full, without prior written permission of CCI. Any unauthorized alteration, forgery or falsification of the content or appearance of this report is unlawful, and any offenders may be prosecuted to the fullest extent of the law.



TEST REPORT

Report No.: CCI260501050EN

Report Date: Jun. 10, 2026

Page 8 of 25

Di-n-octyl phthalate (DNOP)	117-84-0	0.003	0.1	N.D.	N.D.	N.D.
Sum		/	0.1	N.D.	N.D.	N.D.
Conclusion				PASS	PASS	PASS

Note:

1. % = Percentage by weight.
2. N.D. = Not Detected (< RL).
3. RL = Reporting Limit.
4. / = Not Specified.

5. Lead (Pb)

Test Method: With reference to EPA 3052:1996, EPA 3050B:1996, the analysis was performed by Atomic Absorption Spectroscopy (AAS) or Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES).

Material No.	Limit (mg/kg)	RL (mg/kg)	Test Result (mg/kg)	Conclusion
1+3	500	2	N.D.	PASS
2	500	2	N.D.	PASS
4	500	2	N.D.	PASS
5	500	2	N.D.	PASS
6	500	2	N.D.	PASS
7	500	2	N.D.	PASS
10	500	2	N.D.	PASS
8+9	500	2	N.D.	PASS
11+12+13	500	2	N.D.	PASS

Note:

1. mg/kg = Milligram per kilogram.
2. N.D. = Not Detected (< RL).
3. RL = Reporting Limit.



TEST REPORT

Report No.: CCI260501050EN

Report Date: Jun. 10, 2026

Page 9 of 25

6. Colour fastness to rubbing

Test method: ISO 105-X12:2016(E).

Material No.	Test Item	Client's Limit (Grade)	Results (Grade)	Conclusion
1	Dry (Colour Staining)	2-3	4-5	PASS
	Wet (Colour Staining)	2-3	4-5	PASS
3	Dry (Colour Staining)	2-3	4-5	PASS
	Wet (Colour Staining)	2-3	4-5	PASS

Note:

Explanation of Colour fastness Results

- Grade 5 Negligible or no change or staining
- Grade 4 Slightly changed or stained
- Grade 3 Noticeably changed or stained
- Grade 2 Considerably changed or stained
- Grade 1 Much changed or heavily stained



TEST REPORT

Report No.: CCI260501050EN

Report Date: Jun. 10, 2026

Page 10 of 25

7. Specific migration of heavy metal

Test Method: With reference to the Chapter 3 of the Technical guide on Metals and alloys used in food contact materials and articles (2nd edition), the analysis was performed by Atomic Absorption Spectrophotometer (AAS) or Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES) or Inductively Coupled Plasma Mass Spectrometer (ICP-MS).

Test Condition: 5g/L Citric acid, hot-fill, 40°C, 24h, 3 times release tests

Test Item	RL (mg/kg)	Limit (mg/kg)		Test Result (mg/kg)		Conclusion
				14		
		Migration of 1 st +2 nd	Migration of 3 rd	Migration of 1 st +2 nd	Migration of 3 rd	
Aluminum (Al)	0.2	35	5	N.D.	N.D.	PASS
Antimony (Sb)	0.02	0.28	0.04	N.D.	N.D.	PASS
Chromium (Cr)	0.1	7	1	N.D.	N.D.	PASS
Cobalt (Co)	0.01	0.14	0.02	N.D.	N.D.	PASS
Copper (Cu)	0.2	28	4	N.D.	N.D.	PASS
Iron (Fe)	0.5	280	40	N.D.	N.D.	PASS
Magnesium (Mg)	1.0	--	--	N.D.	N.D.	PASS
Manganese (Mn)	0.2	3.85	0.55	N.D.	N.D.	PASS
Molybdenum (Mo)	0.02	0.84	0.12	N.D.	N.D.	PASS
Nickel (Ni)	0.02	0.98	0.14	N.D.	N.D.	PASS
Silver (Ag)	0.02	0.56	0.08	N.D.	N.D.	PASS
Tin (Sn)	1.0	700	100	N.D.	N.D.	PASS
Ti(Titanium)	0.01	--	--	N.D.	N.D.	PASS
Vanadium (V)	0.005	0.07	0.01	N.D.	N.D.	PASS
Zinc (Zn)	1.0	35	5	N.D.	N.D.	PASS
Zirconium (Zr)	1.0	14	2	N.D.	N.D.	PASS
Arsenic (As)	0.001	0.014	0.002	N.D.	N.D.	PASS
Barium (Ba)	0.2	8.4	1.2	N.D.	N.D.	PASS
Beryllium (Be)	0.005	0.07	0.01	N.D.	N.D.	PASS
Cadmium (Cd)	0.002	0.035	0.005	N.D.	N.D.	PASS
Lead (Pb)	0.002	0.070	0.010	N.D.	N.D.	PASS
Lithium (Li)	0.01	0.336	0.048	N.D.	N.D.	PASS
Mercury (Hg)	0.002	0.021	0.003	N.D.	N.D.	PASS
Thallium (Tl)	0.001	0.007	0.001	N.D.	N.D.	PASS



TEST REPORT

Report No.: CCI260501050EN

Report Date: Jun. 10, 2026

Page 11 of 25

Note:

1. mg/kg = Milligram per kilogram.
2. N.D. = Not Detected (< RL).
3. RL = Reporting Limit.

8.1. Overall Migration

Test Method: With reference to EN 1186-1:2002, EN 1186-3:2022

S/V ration: 1.56 dm² / 156 mL

Simulant Used	Limit (mg/dm ²)	RL (mg/dm ²)	Test Result		
			5		
			1 st	2 nd	3 rd
Overall Migration - 3% Acetic acid (100°C, 1 h)	10	1	N.D.	N.D.	N.D.
Overall Migration - 50% Ethanol (100°C, 1 h)	10	1	N.D.	N.D.	N.D.
Conclusion			PASS		

Note:

1. mg/dm² = Milligram per square decimeter.
2. N.D. = Not Detected (< RL).
3. RL = Reporting Limit.



TEST REPORT

Report No.: CCI260501050EN

Report Date: Jun. 10, 2026

Page 12 of 25

8.2. Specific migration of restricted substances

Test Method: EN 13130-1:2004, the analysis was performed by Inductively Coupled Plasma Mass Spectrometer (ICP-MS) or Inductively Coupled Plasma-Optical Emission Spectrometer (ICP-OES).

Test Condition: 3% acetic acid, hot-fill, 40°C, 24h

S/V ratio: 1.56 dm² / 261 mL

Test Item	Limit (mg/kg)	RL (mg/kg)	Test Result (mg/kg)		
			5		
			1 st	2 nd	3 rd
Aluminum (Al)	1	0.05	N.D.	N.D.	N.D.
Manganese (Mn)	0.6	0.05	N.D.	N.D.	N.D.
Iron (Fe)	48	0.05	N.D.	N.D.	N.D.
Cobalt (Co)	0.05	0.01	N.D.	N.D.	N.D.
Copper (Cu)	5	0.05	N.D.	N.D.	N.D.
Zinc (Zn)	5	0.1	N.D.	N.D.	N.D.
Barium (Ba)	1	0.05	N.D.	N.D.	N.D.
Nickel (Ni)	0.02	0.01	N.D.	N.D.	N.D.
Lithium (Li)	0.6	0.02	N.D.	N.D.	N.D.
Antimony (Sb)	0.04	0.01	N.D.	N.D.	N.D.
Arsenic (As)	N.D.	0.01	N.D.	N.D.	N.D.
Cadmium (Cd)	N.D.	0.002	N.D.	N.D.	N.D.
Calcium (Ca)	/	0.01	N.D.	N.D.	N.D.
Chromium (Cr)	N.D.	0.01	N.D.	N.D.	N.D.
Europium (Eu)	0.05	0.05	N.D.	N.D.	N.D.
Gadolinium (Gd)	0.05	0.05	N.D.	N.D.	N.D.
Lanthanum (La)	0.05	0.05	N.D.	N.D.	N.D.
Lead (Pb)	N.D.	0.01	N.D.	N.D.	N.D.
Magnesium (Mg)	/	0.01	N.D.	N.D.	N.D.
Mercury (Hg)	N.D.	0.01	N.D.	N.D.	N.D.
Potassium (K)	/	0.01	N.D.	N.D.	N.D.
Sodium (Na)	/	0.01	N.D.	N.D.	N.D.
Terbium (Tb)	0.05	0.05	N.D.	N.D.	N.D.
Conclusion			PASS		

Note:

1. mg/kg = Milligram per kilogram.
2. N.D. = Not Detected (< RL).
3. RL = Reporting Limit.

Compliance Control Institute (Guangzhou) Co., Ltd.

Room 701, Building 2, No.89, Majun Street, Nansha District, Guangzhou,
Guangdong, China
Tel: +86-20-84900678 Fax: +86-20-84910993
Email: cs@ccilab.com.cn Website: www.ccilab.com.cn

This report is governed by, and incorporates by reference, the General Terms and Conditions of Testing which could be obtained / consulted by request to CCI or via the webpage of Conditions of Testing in the official website: www.ccilab.com.cn. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. This report sets forth our findings solely respect to the client's request(s) and the test results are obtained just with the submitted sample identified herein. The test results set forth in this report are not indicative or representative of the quality or characteristics of the lot from which a test sample was taken or any similar or identical product unless specifically and expressly noted. This report can not be reproduced except in full, without prior written permission of CCI. Any unauthorized alteration, forgery or falsification of the content or appearance of this report is unlawful, and any offenders may be prosecuted to the fullest extent of the law.



TEST REPORT

Report No.: CCI260501050EN

Report Date: Jun. 10, 2026

Page 13 of 25

8.3. Specific migration of Primary Aromatic Amines Test Method: With reference to EN 13130-1:2004

Test Condition: 3% acetic acid, hot-fill, 40°C , 24h

S/V ratio: 1.56 dm² / 261 mL

No.	Test Item	CAS No.	Limit (mg/kg)	RL (mg/kg)	Test Result (mg/kg)
					5
1	4-aminodiphenyl	92-67-1	N.D.	0.002	N.D.
2	Benzidine	92-87-5	N.D.	0.002	N.D.
3	4-chloro-o-toluidine	95-69-2	N.D.	0.002	N.D.
4	2-naphthylamine	91-59-8	N.D.	0.002	N.D.
5	o-aminoazotoluene	97-56-3	N.D.	0.002	N.D.
6	2-amino-4-nitrotoluene	99-55-8	N.D.	0.002	N.D.
7	p-chloroaniline	106-47-8	N.D.	0.002	N.D.
8	2,4-diaminoanisole	615-05-4	N.D.	0.002	N.D.
9	4,4,-diaminodiphenylmethane	101-77-9	N.D.	0.002	N.D.
10	3,3,-dichlorobenzidine	91-94-1	N.D.	0.002	N.D.
11	3,3,-dimethoxybenzidine	119-90-4	N.D.	0.002	N.D.
12	3,3,-dimethylbenzidine	119-93-7	N.D.	0.002	N.D.
13	3,3,-dimethyl- 4,4,diaminodiphenylmethane	838-88-0	N.D.	0.002	N.D.
14	p-cresidine	120-71-8	N.D.	0.002	N.D.
15	4,4,-methylene-bis-(2-chloroaniline)	101-14-4	N.D.	0.002	N.D.
16	4,4,-oxydianiline	101-80-4	N.D.	0.002	N.D.
17	4,4,-thiodianiline	139-65-1	N.D.	0.002	N.D.
18	o-toluidine	95-53-4	N.D.	0.002	N.D.
19	2,4-diaminotoluene	95-80-7	N.D.	0.002	N.D.
20	2,4,5-trimethylaniline	137-17-7	N.D.	0.002	N.D.
21	2-methoxyaniline	90-04-0	N.D.	0.002	N.D.
22	4-aminoazobenzene	60-09-3	N.D.	0.002	N.D.
Other primary aromatic amines (sum)			0.01	/	N.D.
23	1,4-Phenylenediamine	106-50-3	/	0.002	N.D.
24	1,3-Phenylenediamine	108-45-2	/	0.002	N.D.
25	Aniline	62-53-3	/	0.002	N.D.
26	2,6-Dimethylaniline (2,6-DMA)	87-62-7	/	0.002	N.D.
27	2,4'-Diaminodiphenylmethane	1208-52-2	/	0.002	N.D.
28	2,4-Dimethylaniline (2,4-DMA)	95-68-1	/	0.002	N.D.
29	2,2'-Methylenedianiline	6582-52-1	/	0.002	N.D.



TEST REPORT

Report No.: CCI260501050EN

Report Date: Jun. 10, 2026

Page 14 of 25

Conclusion	PASS
------------	------

Note:

1. mg/kg = Milligram per kilogram.
2. N.D. = Not Detected (< RL).
3. RL = Reporting Limit.

8.4. Bisphenol A (BPA)

Test Method: With reference to EPA 3550C:2007, the analysis was performed by Ultra High Performance Liquid Chromatography coupled with tandem Mass Spectrometry (UPLC-MS-MS).

Material No.	Limit (µg/kg)	RL (µg/kg)	Test Result (µg/kg)	Conclusion
5	Not Detected	1	N.D.	PASS

Note:

1. µg/kg = Microgram per kilogram.
2. N.D. = Not Detected (< RL).
3. RL = Reporting Limit.

8.5. Specific Migration of Acrylonitrile

Test Method: With reference to EN 13130-1: 2004, the analysis was performed by analysis by HS-GC-MS.

Test Condition: 3% acetic acid, hot-fill, 40°C, 24h

S/V ration: 1.56 dm² / 261 mL

Material No.	Limit (mg/kg)	RL (mg/kg)	Test Result (mg/kg)	Conclusion
5	Not Detected	0.01	N.D.	PASS

Note:

1. mg/kg = Milligram per kilogram.
2. N.D. = Not Detected (< RL).
3. RL = Reporting Limit.



TEST REPORT

Report No.: CCI260501050EN

Report Date: Jun. 10, 2026

Page 15 of 25

9.1. Overall Migration

Test Method: With reference to EN 1186-1:2002, EN 1186-3:2022

S/V ratio: 1.06 dm² / 106 mL

Simulant Used	Limit (mg/dm ²)	RL (mg/dm ²)	Test Result		
			6		
			1 st	2 nd	3 rd
Overall Migration - 3% Acetic acid (100°C, 1 h)	10	1	N.D.	N.D.	N.D.
Overall Migration - 50% Ethanol (100°C, 1 h)	10	1	N.D.	N.D.	N.D.
Conclusion			PASS		

Note:

1. mg/dm² = Milligram per square decimeter.
2. N.D. = Not Detected (< RL).
3. RL = Reporting Limit.

9.2. Bisphenol A (BPA)

Test Method: With reference to EPA 3550C:2007, the analysis was performed by Ultra High Performance Liquid Chromatography coupled with tandem Mass Spectrometry (UPLC-MS-MS).

Material No.	Limit (µg/kg)	RL (µg/kg)	Test Result (µg/kg)	Conclusion
6	Not Detected	1	N.D.	PASS

Note:

1. µg/kg = Microgram per kilogram.
2. N.D. = Not Detected (< RL).
3. RL = Reporting Limit.



TEST REPORT

Report No.: CCI260501050EN

Report Date: Jun. 10, 2026

Page 16 of 25

10.1. Overall Migration

Test Method: With reference to the Annex III to Arrêté du 25 novembre 1992

S/V ration: 1.06 dm² / 106 mL

Simulant Used	Limit (mg/dm ²)	RL (mg/dm ²)	Test Result		
			6		
			1 st	2 nd	3 rd
Overall Migration - 3% Acetic acid (100°C, 1 h)	10	1	N.D.	N.D.	N.D.
Overall Migration - 50% Ethanol (100°C, 1 h)	10	1	N.D.	N.D.	N.D.
Conclusion			PASS		

Note:

1. mg/dm² = Milligram per square decimeter.
2. N.D. = Not Detected (< RL).
3. RL = Reporting Limit.

10.2. Volatile organic matter (VOM)

Test Method: With reference to the Annex III to Arrêté du 25 novembre 1992

Test Condition: 200°C, 4h

Material No.	Limit (%)	RL (%)	Test Result (%)	Conclusion
6	0.5	0.1	0.2	PASS

Note:

1. % = Percentage by weight.
2. N.D. = Not Detected (< RL).
3. RL = Reporting Limit.

10.3. Peroxide Value

Test Method: With reference to the French pharmacopeia, 9th edition

Material No.	Limit	Test Result	Conclusion
6	Negative	Negative	PASS



TEST REPORT

Report No.: CCI260501050EN

Report Date: Jun. 10, 2026

Page 17 of 25

10.4. Specific migration of organotin (As Tin)

Test Method: With reference to Kunststoffe im Lebensmittelverkehr, Part B II IX

Test Item	Limit (mg/kg)	RL (mg/kg)	Test Result (mg/kg)
			6
Tin	0.1	0.1	N.D.
Conclusion			PASS

Note:

1. mg/kg = Milligram per kilogram.
2. N.D. = Not Detected (< RL).
3. RL = Reporting Limit.

10.5. Bisphenol A (BPA)

Test Method: With reference to EPA 3550C:2007, the analysis was performed by Ultra High Performance Liquid Chromatography coupled with tandem Mass Spectrometry (UPLC-MS-MS).

Material No.	Limit (µg/kg)	RL (µg/kg)	Test Result (µg/kg)	Conclusion
6	Not Detected	1	N.D.	PASS

Note:

1. µg/kg = Microgram per kilogram.
2. N.D. = Not Detected (< RL).
3. RL = Reporting Limit.

11.1. Overall Migration

Test Method: With reference to EN 1186-1:2002 & EN 1186-3:2022

S/V ration: 2.76dm² / 478mL

Simulant Used	Unit	Limit	RL	Test Result		
				14		
				1 st	2 nd	3 rd
3% Acetic acid (100°C, 1h)	mg/dm ²	10	1	N.D.	N.D.	N.D.
50% Ethanol (100°C, 1h)	mg/dm ²	10	1	N.D.	N.D.	N.D.
Conclusion				PASS	PASS	PASS



TEST REPORT

Report No.: CCI260501050EN

Report Date: Jun. 10, 2026

Page 18 of 25

Note:

1. mg/dm² = Milligram per square decimeter.
2. N.D. = Not Detected (< RL).
3. RL = Reporting Limit.



TEST REPORT

Report No.: CCI260501050EN

Report Date: Jun. 10, 2026

Page 19 of 25

11.2. Specific migration of restricted substances

Test Method: EN 13130-1: 2004, the analysis was performed by Inductively Coupled Plasma Mass Spectrometer (ICP-MS) or Inductively Coupled Plasma-Optical Emission Spectrometer (ICP-OES).

Test Condition: Artificial tap water, hot-fill, 40°C, 24h

S/V ratio: 2.76dm² / 478mL

Test Item	Limit(mg/kg)	RL(mg/kg)	Test Result (mg/kg)		
			14		
			1 st	2 nd	3 rd
Aluminum (Al)	1	0.05	N.D.	N.D.	N.D.
Manganese (Mn)	0.6	0.05	N.D.	N.D.	N.D.
Iron (Fe)	48	0.05	N.D.	N.D.	N.D.
Cobalt (Co)	0.05	0.01	N.D.	N.D.	N.D.
Copper (Cu)	5	0.05	N.D.	N.D.	N.D.
Zinc (Zn)	5	0.1	N.D.	N.D.	N.D.
Barium (Ba)	1	0.05	N.D.	N.D.	N.D.
Nickel (Ni)	0.02	0.01	N.D.	N.D.	N.D.
Lithium (Li)	0.6	0.02	N.D.	N.D.	N.D.
Antimony (Sb)	0.04	0.01	N.D.	N.D.	N.D.
Arsenic (As)	N.D.	0.01	N.D.	N.D.	N.D.
Cadmium (Cd)	N.D.	0.002	N.D.	N.D.	N.D.
Calcium (Ca)	/	0.01	N.D.	N.D.	N.D.
Chromium (Cr)	N.D.	0.01	N.D.	N.D.	N.D.
Europium (Eu)	0.05	0.05	N.D.	N.D.	N.D.
Gadolinium (Gd)	0.05	0.05	N.D.	N.D.	N.D.
Lanthanum (La)	0.05	0.05	N.D.	N.D.	N.D.
Lead (Pb)	N.D.	0.01	N.D.	N.D.	N.D.
Magnesium (Mg)	/	0.01	N.D.	N.D.	N.D.
Mercury (Hg)	N.D.	0.01	N.D.	N.D.	N.D.
Potassium (K)	/	0.01	N.D.	N.D.	N.D.
Sodium (Na)	/	0.01	N.D.	N.D.	N.D.
Terbium (Tb)	0.05	0.05	N.D.	N.D.	N.D.
Conclusion			PASS		

Note:

1. mg/kg = Milligram per kilogram (ppm).
2. N.D. = Not Detected (< RL).
3. RL = Report Limit.

Compliance Control Institute (Guangzhou) Co., Ltd.

Room 701, Building 2, No.89, Majun Street, Nansha District, Guangzhou, Guangdong, China
Tel: +86-20-84900678 Fax: +86-20-84910993
Email: cs@ccilab.com.cn Website: www.ccilab.com.cn

This report is governed by, and incorporates by reference, the General Terms and Conditions of Testing which could be obtained / consulted by request to CCI or via the webpage of Conditions of Testing in the official website: www.ccilab.com.cn. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. This report sets forth our findings solely respect to the client's request(s) and the test results are obtained just with the submitted sample identified herein. The test results set forth in this report are not indicative or representative of the quality or characteristics of the lot from which a test sample was taken or any similar or identical product unless specifically and expressly noted. This report can not be reproduced except in full, without prior written permission of CCI. Any unauthorized alteration, forgery or falsification of the content or appearance of this report is unlawful, and any offenders may be prosecuted to the fullest extent of the law.



TEST REPORT

Report No.: CCI260501050EN

Report Date: Jun. 10, 2026

Page 20 of 25

11.3. Specific migration of Primary Aromatic Amines Test Method: With reference to EN 13130-1:2004

Test Condition: Artificial tap water, hot-fill, 40°C, 24h

S/V ratio: 2.76 dm² / 478 mL

No.	Test Item	CAS No.	Limit (mg/kg)	RL (mg/kg)	Test Result (mg/kg)
					14
1	4-aminodiphenyl	92-67-1	N.D.	0.002	N.D.
2	Benzidine	92-87-5	N.D.	0.002	N.D.
3	4-chloro-o-toluidine	95-69-2	N.D.	0.002	N.D.
4	2-naphthylamine	91-59-8	N.D.	0.002	N.D.
5	o-aminoazotoluene	97-56-3	N.D.	0.002	N.D.
6	2-amino-4-nitrotoluene	99-55-8	N.D.	0.002	N.D.
7	p-chloroaniline	106-47-8	N.D.	0.002	N.D.
8	2,4-diaminoanisole	615-05-4	N.D.	0.002	N.D.
9	4,4,-diaminodiphenylmethane	101-77-9	N.D.	0.002	N.D.
10	3,3,-dichlorobenzidine	91-94-1	N.D.	0.002	N.D.
11	3,3,-dimethoxybenzidine	119-90-4	N.D.	0.002	N.D.
12	3,3,-dimethylbenzidine	119-93-7	N.D.	0.002	N.D.
13	3,3,-dimethyl- 4,4,diaminodiphenylmethane	838-88-0	N.D.	0.002	N.D.
14	p-cresidine	120-71-8	N.D.	0.002	N.D.
15	4,4,-methylene-bis-(2-chloroaniline)	101-14-4	N.D.	0.002	N.D.
16	4,4,-oxydianiline	101-80-4	N.D.	0.002	N.D.
17	4,4,-thiodianiline	139-65-1	N.D.	0.002	N.D.
18	o-toluidine	95-53-4	N.D.	0.002	N.D.
19	2,4-diaminotoluene	95-80-7	N.D.	0.002	N.D.
20	2,4,5-trimethylaniline	137-17-7	N.D.	0.002	N.D.
21	2-methoxyaniline	90-04-0	N.D.	0.002	N.D.
22	4-aminoazobenzene	60-09-3	N.D.	0.002	N.D.
Other primary aromatic amines (sum)			0.01	/	N.D.
23	1,4-Phenylenediamine	106-50-3	/	0.002	N.D.
24	1,3-Phenylenediamine	108-45-2	/	0.002	N.D.
25	Aniline	62-53-3	/	0.002	N.D.
26	2,6-Dimethylaniline (2,6-DMA)	87-62-7	/	0.002	N.D.
27	2,4'-Diaminodiphenylmethane	1208-52-2	/	0.002	N.D.
28	2,4-Dimethylaniline (2,4-DMA)	95-68-1	/	0.002	N.D.
29	2,2'-Methylenedianiline	6582-52-1	/	0.002	N.D.



TEST REPORT

Report No.: CCI260501050EN

Report Date: Jun. 10, 2026

Page 21 of 25

Conclusion	PASS
------------	------

Note:

1. mg/kg = Milligram per kilogram.
2. N.D. = Not Detected (< RL).
3. RL = Reporting Limit.

11.4. Bisphenol A (BPA)

Test Method: With reference to EPA 3550C:2007, the analysis was performed by Ultra High Performance Liquid Chromatography coupled with tandem Mass Spectrometry (UPLC-MS-MS).

Material No.	Limit (µg/kg)	RL (µg/kg)	Test Result (µg/kg)	Conclusion
7	Not Detected	1	N.D.	PASS

Note:

1. µg/kg = Microgram per kilogram.
2. N.D. = Not Detected (< RL).
3. RL = Reporting Limit.

12. Migration Lead and Cadmium

Test Method: With reference to 84/500/EEC & 2005/31/EC, analyzed by Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES).

Test Condition: 4% Acetic acid, 22°C, 24h

Category 2

Test Item	Depth (mm)	Volume (ml)	Test Result (mg/L)	Conclusion
			14	
Lead (Pb)	120	478	< 0.1	PASS
Cadmium (Cd)	120	478	< 0.01	PASS

Limit:

Category		Limit	
		Lead (Pb)	Cadmium (Cd)
Category 1	Articles that cannot be filled and articles that can be filled the internal depth of which does not exceed 25mm	0.8mg/dm ²	0.07mg/dm ²
Category 2	Articles, not in categories 1 or 3, which can be filled	4.0mg/L	0.3mg/L
Category 3	Cooking ware, packaging and storage vessels having a	1.5mg/L	0.1mg/L



TEST REPORT

Report No.: CCI260501050EN

Report Date: Jun. 10, 2026

Page 22 of 25

	capacity of more than three liters		
--	------------------------------------	--	--

Note:

1. mg/L = Milligram per liter.
2. mg/dm² = Milligram per square decimetre.
3. < = Less than.

13. Dishwasher safe test

Test Method: With reference to EN12875-1:2005

Number of cycles: 10

Material No.	15											
Triplicate	A	B	C	A	B	C	A	B	C	A	B	C
Inspection criteria	Color*			Gloss			Clouding			Resistant deposits and iridescent layers [#]		
Inspector 1	0	0	0	0	0	0	0	0	0	0	0	0
Inspector 2	0	0	0	0	0	0	0	0	0	0	0	0
Average Value	0			0			0			0		

Remark:

- 1, * = If several colors are present on one article to be inspected, the color with the greatest change shall be chosen.
- 2, # = For the elimination of easily removable deposits.

Evaluation of inspection criteria:

Classification	Rating
0	No visible change
1	First discernible change
2	Clearly visible change

Note:

- 1, Sample photos are for reference only. Actual colors of the photos may vary due to lighting and output process.
 - 2, Requirements quoted from the Clause 5.4 of the Publicly Available Specification PAS 54: 2003
- Articles that are designated "dishwasher resistant", "dishwasher proof", "dishwasher safe" or any other similar description that suggests that the articles can be safely cleaned in a dishwasher shall, on average, either show no visible change compared with untreated tableware (Classification 0) or show very slightly visible change (Classification 1) but shall not show clearly visible change (Classification 2).



TEST REPORT

Report No.: CCI260501050EN

Report Date: Jun. 10, 2026

Page 23 of 25

Test Material(s) List

Material No.	Description	Location	Material
1	Black fabric	Handle	/
2	Black synthetic leather	Joint	/
3	Black fabric	String	/
4	Black plastic	Outer cover	/
5	Transparent plastic	Inner cover	SAN
6	Translucent silicone	Sealing ring	Silicone
7	Beige ceramic coating	Inner tumbler	Ceramic
8	Silvery metal	Inner tumbler	/
9	Silvery metal	Out wall of tumbler	/
10	Black foam	Pad	/
11	Black coating	Tumbler	/
12	White coating	Tumbler	/
13	Dark blue coating	Tumbler	/
14	Silvery metal with beige ceramic coating	Inner black tumbler	Stainless steel/Coating
15	Whole product - Black	/	/



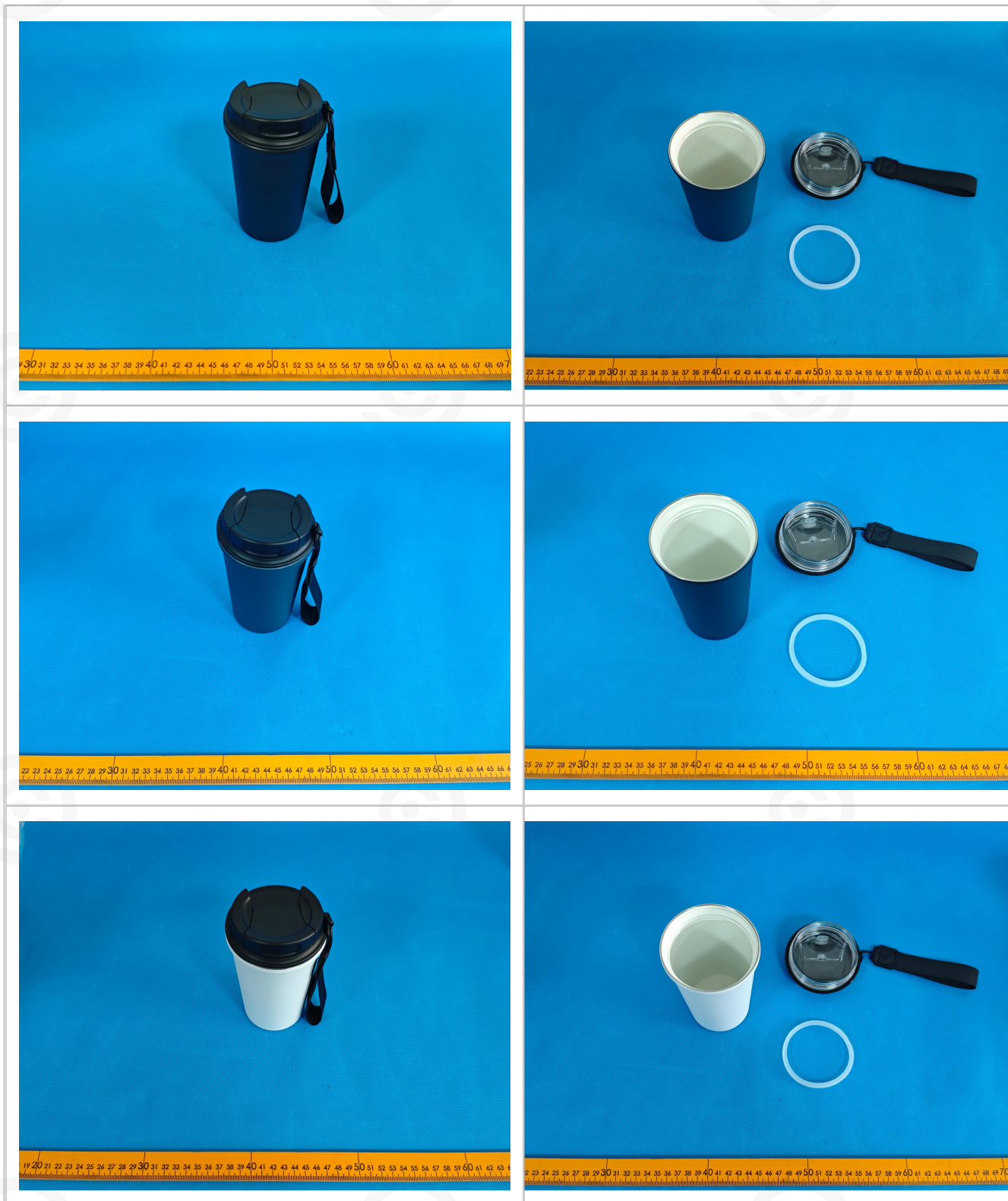
TEST REPORT

Report No.: CCI260501050EN

Report Date: Jun. 10, 2026

Page 24 of 25

Photo Appendix



Compliance Control Institute (Guangzhou) Co., Ltd.

Room 701, Building 2, No.89, Majun Street, Nansha District, Guangzhou,
Guangdong, China
Tel: +86-20-84900678 Fax: +86-20-84910993
Email: cs@ccilab.com.cn Website: www.ccilab.com.cn

This report is governed by, and incorporates by reference, the General Terms and Conditions of Testing which could be obtained / consulted by request to CCI or via the webpage of Conditions of Testing in the official website: www.ccilab.com.cn. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues identified therein. This report sets forth our findings solely respect to the client's request(s) and the test results are obtained just with the submitted sample identified herein. The test results set forth in this report are not indicative or representative of the quality or characteristics of the lot from which a test sample was taken or any similar or identical product unless specifically and expressly noted. This report can not be reproduced except in full, without prior written permission of CCI. Any unauthorized alteration, forgery or falsification of the content or appearance of this report is unlawful, and any offenders may be prosecuted to the fullest extent of the law.



TEST REPORT

Report No.: CCI260501050EN

Report Date: Jun. 10, 2026

Page 25 of 25



★★★★★End of Report★★★★★