



TEST REPORT

Report No.: CCI260500624EN-1

Report Date: Aug. 21, 2026

Page 1 of 15

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 : Portable blender

Model/Item No. : MO2821

Vendor Code : 107978

First Test Period : From May 13, 2026 to Jun. 17, 2026

Last Test Period : From Aug. 09, 2026 to Aug. 14, 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.: CCI260500624EN-1

Report Date: Aug. 21, 2026

Page 2 of 15

Executive Summary:

No.	TESTED SAMPLES	STANDARD / REQUIREMENT	CONCLUSION
1	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
2	Tested material(s) of submitted sample(s)	Entry 51&52 of Annex XVII to the REACH Regulation (EC) No.1907/2006 - Phthalate	PASS
3	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
4	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
5	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
6	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
7	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.: CCI260500624EN-1

Report Date: Aug. 21, 2026

Page 3 of 15

TESTS CONDUCTED:

1. 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)		
			1+2	3+5	7
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.

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.



TEST REPORT

Report No.: CCI260500624EN-1

Report Date: Aug. 21, 2026

Page 4 of 15

2. 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 (%)		
				1+2	3+5	7
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.
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.



TEST REPORT

Report No.: CCI260500624EN-1

Report Date: Aug. 21, 2026

Page 5 of 15

3. 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, 70°C, 2h, 3 times release tests

Test Item	RL (mg/kg)	Limit (mg/kg)		Test Result (mg/kg)		Conclusion
				4		
		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.: CCI260500624EN-1

Report Date: Aug. 21, 2026

Page 6 of 15

Note:

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

4.1. Overall Migration

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

Material No. 1 : S/V ratio: 1.15 dm² / 115 mL

Material No. 2 : S/V ratio: 1.09 dm² / 109 mL

Material No. 3 : S/V ratio: 1.13 dm² / 113 mL

Simulant Used	Limit (mg/dm ²)	RL (mg/dm ²)	Test Result (mg/dm ²)		
			1	2	3
Overall Migration - 3% Acetic acid (70°C, 2h)	10	1	N.D.	N.D.	N.D.
Overall Migration - 50% Ethanol (70°C, 2h)	10	1	N.D.	N.D.	N.D.
Conclusion			PASS	PASS	PASS

Note:

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



TEST REPORT

Report No.: CCI260500624EN-1

Report Date: Aug. 21, 2026

Page 7 of 15

4.2. 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, 70°C, 2h

Material No. 1 : S/V ratio: 1.15 dm² / 192 mL

Material No. 3 : S/V ratio: 1.13 dm² / 189 mL

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

Note:

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



TEST REPORT

Report No.: CCI260500624EN-1

Report Date: Aug. 21, 2026

Page 8 of 15

4.3. Specific migration of Primary Aromatic Amines

Test Method: With reference to EN 13130-1:2004

Test Condition: 3% acetic acid, 70°C, 2h

Material No. 1 : S/V ratio: 1.15 dm² / 192 mL

Material No. 3 : S/V ratio: 1.13 dm² / 189 mL

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



TEST REPORT

Report No.: CCI260500624EN-1

Report Date: Aug. 21, 2026

Page 9 of 15

28	2,4-Dimethylaniline (2,4-DMA)	95-68-1	/	0.002	N.D.	N.D.
29	2,2'-Methylenedianiline	6582-52-1	/	0.002	N.D.	N.D.
Conclusion					PASS	PASS

Note:

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

4.4. 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
1	Not Detected	1	N.D.	PASS
2	Not Detected	1	N.D.	PASS
3	Not Detected	1	N.D.	PASS

Note:

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

4.5. Special migration of Acrylonitrile

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

S/V ration: 1.15 dm² / 192 mL

Material No.	Limit (mg/kg)	RL (mg/kg)	Test Result (mg/kg)	Conclusion
1	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.: CCI260500624EN-1

Report Date: Aug. 21, 2026

Page 10 of 15

5.1. Overall Migration

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

Material No. 5: S/V ratio: 1.04 dm² / 104 mL

Material No. 7: S/V ratio: 1.06 dm² / 106 mL

Simulant Used	Limit (mg/dm ²)	RL (mg/dm ²)	Test Result (mg/dm ²)	
			5	7
Overall Migration - 3% Acetic acid (70°C, 2h)	10	1	N.D.	N.D.
Overall Migration - 50% Ethanol (70°C, 2h)	10	1	N.D.	N.D.
Conclusion			PASS	PASS

Note:

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

5.2. 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
5	Not Detected	1	N.D.	PASS
7	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.: CCI260500624EN-1

Report Date: Aug. 21, 2026

Page 11 of 15

6.1. Overall Migration

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

Material No. 5: S/V ratio: 1.04 dm² / 104 mL

Material No. 7: S/V ratio: 1.06 dm² / 106 mL

Simulant Used	Limit (mg/dm ²)	RL (mg/dm ²)	Test Result (mg/dm ²)	
			5	7
Overall Migration - 3% Acetic acid (70°C, 2h)	10	1	N.D.	N.D.
Overall Migration - 50% Ethanol (70°C, 2h)	10	1	N.D.	N.D.
Conclusion			PASS	PASS

Note:

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

6.2. 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
5	0.5	0.1	0.2	PASS
7	0.5	0.1	0.2	PASS

Note:

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

6.3. Peroxide Value

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

Material No.	Limit	Test Result	Conclusion
5	Negative	Negative	PASS
7	Negative	Negative	PASS



TEST REPORT

Report No.: CCI260500624EN-1

Report Date: Aug. 21, 2026

Page 12 of 15

6.4. 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)	
			5	7
Tin	0.1	0.1	N.D.	N.D.
Conclusion			PASS	PASS

Note:

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

6.5. 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
5	Not Detected	1	N.D.	PASS
7	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.: CCI260500624EN-1

Report Date: Aug. 21, 2026

Page 13 of 15

7. Dishwasher safe test

Test Method: With reference to EN12875-1:2005

Number of cycles: 10

Material No.	6											
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.: CCI260500624EN-1

Report Date: Aug. 21, 2026

Page 14 of 15

Test Material(s) List

Material No.	Description	Location	Material
1	Black plastic	Cover	ABS
2	Black plastic	Sealing ring	TPR
3	Transparent plastic	Container	PCTG
4	Silvery metal	Blade	Stainless steel
5	Transparent white silicone	Sealing ring	Silicone
6	Whole product(Except for USB cable & base with motor)	/	/
7	Black silicone	Sealing ring	Silicone



TEST REPORT

Report No.: CCI260500624EN-1

Report Date: Aug. 21, 2026

Page 15 of 15

Photo Appendix



★★★★★End of Report★★★★★