TEST REPORT

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 : Combi salt and pepper mill

Model/Item No. : MO3158

Vendor Code : 107978

Test Period : From Apr. 15, 2026 to May. 09, 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.

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TEST REPORT

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 50 of Annex XVII to the REACH Regulation (EC) No.1907/2006 - Polycyclic-aromatic hydrocarbons (PAH)	PASS
3	Tested material(s) of submitted sample(s)	Entry 51&52 of Annex XVII to the REACH Regulation (EC) No.1907/2006 - Phthalate	PASS
4	Tested material(s) of submitted sample(s)	Entry 63 of Annex XVII to the REACH Regulation (EC) No.1907/2006 - Lead (Pb)	PASS
5	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 - Poly(2,6-diphenyl-p-phenylene oxide),particle size 60-80 mesh, pore size 200 nm - Specific migration of restricted substances - Specific migration of Primary Aromatic Amines - Bisphenol A (BPA) content - Specific migration of Acrylonitrile	PASS
6	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
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 (2nd edition), supplementing Council of Europe Resolution CM/Res (2020)9 - Specific migration of heavy metals	PASS

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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+4+5	100	2	N.D.	PASS
11+12	100	2	N.D.	PASS

Note:

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

2. 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	11+12
Benzo[a]pyrene (BaP)	50-32-8	0.2	N.D.	N.D.
Benzo[e]pyrene (BeP)	192-97-2	0.2	N.D.	N.D.
Benzo[a]anthracene (BaA)	56-55-3	0.2	N.D.	N.D.
Chrysen (CHR)	218-01-9	0.2	N.D.	N.D.
Benzo[b]fluoranthene (BbFA)	205-99-2	0.2	N.D.	N.D.
Benzo[j]fluoranthene (BjFA)	205-82-3	0.2	N.D.	N.D.
Benzo[k]fluoranthene (BkFA)	207-08-9	0.2	N.D.	N.D.
Dibenzo[a,h]anthracene (DBAhA)	53-70-3	0.2	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. 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.

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3. 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	11+12
Bis(2-ethylhexyl) phthalate (DEHP)	117-81-7	0.003	0.1	N.D.	N.D.
Dibutyl phthalate (DBP)	84-74-2	0.003	0.1	N.D.	N.D.
Benzyl butyl phthalate (BBP)	85-68-7	0.003	0.1	N.D.	N.D.
Diisobutyl phthalate (DIBP)	84-69-5	0.003	0.1	N.D.	N.D.
Sum		/	0.1	N.D.	N.D.
Di-isononyl phthalate (DINP)	28553-12-0 68515-48-0	0.005	0.1	N.D.	N.D.
Di-isodecyl phthalate (DIDP)	26761-40-0 68515-49-1	0.005	0.1	N.D.	N.D.
Di-n-octyl phthalate (DNOP)	117-84-0	0.003	0.1	N.D.	N.D.
Sum		/	0.1	N.D.	N.D.
Conclusion				PASS	PASS

Note:

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

4. 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+6	500	2	N.D.	PASS
2+4+5	500	2	N.D.	PASS
7+10	500	2	N.D.	PASS
8+9	500	2	N.D.	PASS
11+12	500	2	N.D.	PASS

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Note:

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

5.1. Overall Migration

Test Method: With reference to EN 1186-1:2002, EN 1186-13:2002

Material No.: 4 S/V ration: 1.20 dm^2 / 4.80 g

Material No.: 5 S/V ration: 1.12 dm^2 / 4.48 g

Material No.: 12 S/V ration: 1.00 dm^2 / 4.00 g

Simulant Used	Limit (mg/dm2)	RL (mg/dm2)	Test Result (mg/dm^2)		
			4	5	12
Overall Migration - Poly(2,6-diphenyl-p-phenylene oxide),particle size 60-80 mesh, pore size 200 nm (40℃, 24 h)	10	1	N.D.	N.D.	N.D.
Conclusion			PASS	PASS	PASS

Note:

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

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5.2. 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, 40℃ , 24h

Material No.: 4 S/V ration: 1.20 dm^2 / 200 mL

Material No.: 5 S/V ration: 1.12 dm^2 / 187 mL

Material No.: 12 S/V ration: 1.00 dm^2 / 167 mL

Test Item	Limit (mg/kg)	RL (mg/kg)	Test Result (mg/kg)		
			4	5	12
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	PASS	PASS

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Note:

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

Test Condition: 3% acetic acid, 40℃ , 24h

Material No.: 4 S/V ration: 1.20 dm^2 / 200 mL

Material No.: 5 S/V ration: 1.12 dm^2 / 187 mL

Material No.: 12 S/V ration: 1.00 dm^2 / 167 mL

No.	Test Item	CAS No.	Limit (mg/kg)	RL (mg/kg)	Test Result (mg/kg)		
					4	5	12
1	4-aminodiphenyl	92-67-1	N.D.	0.002	N.D.	N.D.	N.D.
2	Benzidine	92-87-5	N.D.	0.002	N.D.	N.D.	N.D.
3	4-chloro-o-toluidine	95-69-2	N.D.	0.002	N.D.	N.D.	N.D.
4	2-naphthylamine	91-59-8	N.D.	0.002	N.D.	N.D.	N.D.
5	o-aminoazotoluene	97-56-3	N.D.	0.002	N.D.	N.D.	N.D.
6	2-amino-4-nitrotoluene	99-55-8	N.D.	0.002	N.D.	N.D.	N.D.
7	p-chloroaniline	106-47-8	N.D.	0.002	N.D.	N.D.	N.D.
8	2,4-diaminoanisole	615-05-4	N.D.	0.002	N.D.	N.D.	N.D.
9	4,4,-diaminodiphenylmethane	101-77-9	N.D.	0.002	N.D.	N.D.	N.D.
10	3,3,-dichlorobenzidine	91-94-1	N.D.	0.002	N.D.	N.D.	N.D.
11	3,3,-dimethoxybenzidine	119-90-4	N.D.	0.002	N.D.	N.D.	N.D.
12	3,3,-dimethylbenzidine	119-93-7	N.D.	0.002	N.D.	N.D.	N.D.
13	3,3,-dimethyl-4,4,diaminodiphenylmethane	838-88-0	N.D.	0.002	N.D.	N.D.	N.D.
14	p-cresidine	120-71-8	N.D.	0.002	N.D.	N.D.	N.D.
15	4,4,-methylene-bis-(2-chloroaniline)	101-14-4	N.D.	0.002	N.D.	N.D.	N.D.
16	4,4,-oxydianiline	101-80-4	N.D.	0.002	N.D.	N.D.	N.D.
17	4,4,-thiodianiline	139-65-1	N.D.	0.002	N.D.	N.D.	N.D.
18	o-toluidine	95-53-4	N.D.	0.002	N.D.	N.D.	N.D.
19	2,4-diaminotoluene	95-80-7	N.D.	0.002	N.D.	N.D.	N.D.
20	2,4,5-trimethylaniline	137-17-7	N.D.	0.002	N.D.	N.D.	N.D.
21	2-methoxyaniline	90-04-0	N.D.	0.002	N.D.	N.D.	N.D.
22	4-aminoazobenzene	60-09-3	N.D.	0.002	N.D.	N.D.	N.D.
Other primary aromatic amines (sum)			0.01	/	N.D.	N.D.	N.D.
23	1.4-Phenylenediamine	106-50-3	/	0.002	N.D.	N.D.	N.D.
24	1,3-Phenylenediamine	108-45-2	/	0.002	N.D.	N.D.	N.D.
25	Aniline	62-53-3	/	0.002	N.D.	N.D.	N.D.
26	2,6-Dimethylaniline (2,6-DMA)	87-62-7	/	0.002	N.D.	N.D.	N.D.

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27	2,4'-Diaminodiphenylmethane	1208-52-2	/	0.002	N.D.	N.D.	N.D.
28	2,4-Dimethylaniline (2,4-DMA)	95-68-1	/	0.002	N.D.	N.D.	N.D.
29	2,2'-Methylenedianiline	6582-52-1	/	0.002	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.

5.4. 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
4	Not Detected	1	N.D.	PASS
5	Not Detected	1	N.D.	PASS
12	Not Detected	1	N.D.	PASS

Note:

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

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5.5. Migration of Acrylonitrile

Test Method: With reference to EN 13130-3:2004, the analysis was performed by Gas Chromatography-Mass Spectrometry (GC-MS).

Test Condition: 3% acetic acid, 40℃ , 24h

Material No.: 4 S/V ration: 1.20 dm^2 / 200 mL

Material No.: 5 S/V ration: 1.12 dm^2 / 187 mL

Material No.: 12 S/V ration: 1.00 dm^2 / 167 mL

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

Note:

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

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6. Migration Lead and Cadmium

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

Test Condition: 4% Acetic acid, 22℃, 24h

Category 1

Test Item	Area (dm^2)	Volume (mL)	Test Result (mg/L)	Conclusion
			8	
Lead (Pb)	1.05	175	< 0.1	PASS
Cadmium (Cd)	1.05	175	< 0.01	PASS

Test Item	Area (dm^2)	Volume (mL)	Test Result (mg/L)	Conclusion
			9	
Lead (Pb)	1.10	184	< 0.1	PASS
Cadmium (Cd)	1.10	184	< 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 bot exceed 25mm	0.8mg/dm2	0.07mgdm2
Category 2	Articles, not in categories 1 or 3, witch can be filled	4.0mg/L	0.3mg/L
Category 3	Cooking ware, packaging and storage vessels having a capacity of more than three liters	1.5mg/L	0.1mg/L

Note:

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

Compliance Control Institute (Guangzhou) Co., Ltd.

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TEST REPORT

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: Artificial tap water, 40℃,24h, 3 times release tests

Test Item	RL (mg/kg)	Limit (mg/kg)		Test Result (mg/kg)		Conclusion
				7		
		Migration of 1st+2nd	Migration of 3rd	Migration of 1st+2nd	Migration of 3rd	
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

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TEST REPORT

Test Condition: 5 g/L citric acid, 40℃,24h, 3 times release tests

Test Item	RL (mg/kg)	Limit (mg/kg)		Test Result (mg/kg)		Conclusion
				10		
		Migration of 1st+2nd	Migration of 3rd	Migration of 1st+2nd	Migration of 3rd	
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

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TEST REPORT

Test Material(s) List

Material No.	Description	Location	Material
1	Silvery metal	Cap	/
2	Black plastic	Inner cap	/
3	Silvery metal	Grinder outer wall	/
4	Transparent plastic	Container body	AC
5	Black plastic	Adjustment knob	ABS
6	Golden metal	Nut	/
7	Silvery metal	Inside rod	Aluminium
8	White ceramic	Inner core	Ceramic
9	White ceramic	Outer ring	Ceramic
10	Silvery metal	Spring	Stainless steel
11	Black plastic	Rod sheath	/
12	Black plastic	Rotating head	ABS

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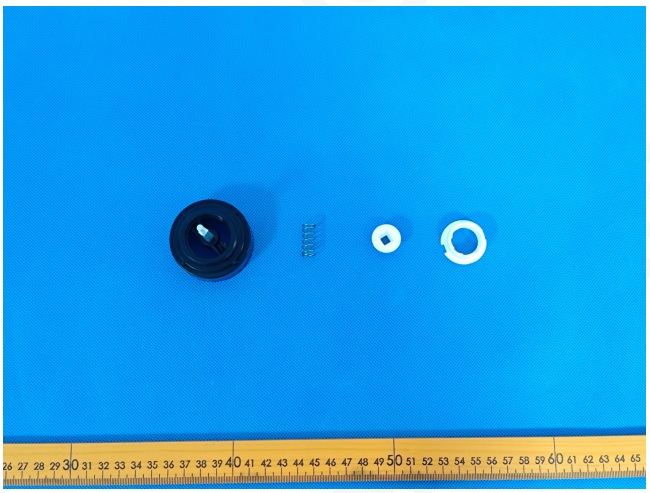
TEST REPORT

Photo Appendix



★★★★★End of Report★★★★★

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