



TEST REPORT

Report No.: CCI260301220EN

Report Date: Apr. 13, 2026

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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 : Glass tea pot with filter and bamboo lid

Model/Item No. : MO9963

Vendor Code : 107978

Test Period : From Mar. 31, 2026 to Apr. 13, 2026

Tests Conducted : As requested by the applicant, for details refer to attached 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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Executive Summary:

No.	TESTED SAMPLE	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 1935/2004/EC & Resolution AP(2004)2 On cork stoppers and other cork materials and articles intended to come into contact with foodstuffs - Pentachlorophenol (PCP) content - Specific migration of formaldehyde	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 (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
8	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) - Specific migration of organotin (As Tin) - Bisphenol A (BPA) Content	PASS
9	Tested material(s) of	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	PASS

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No.	TESTED SAMPLE	STANDARD / REQUIREMENT	CONCLUSION
	submitted sample(s)	Resolution CM/Res (2020)9 - Specific migration of heavy metals	



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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
3	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)
			3
Benzo[a]pyrene (BaP)	50-32-8	0.2	N.D.
Benzo[e]pyrene (BeP)	192-97-2	0.2	N.D.
Benzo[a]anthracene (BaA)	56-55-3	0.2	N.D.
Chrysen (CHR)	218-01-9	0.2	N.D.
Benzo[b]fluoranthene (BbFA)	205-99-2	0.2	N.D.
Benzo[j]fluoranthene (BjFA)	205-82-3	0.2	N.D.
Benzo[k]fluoranthene (BkFA)	207-08-9	0.2	N.D.
Dibenzo[a,h]anthracene (DBA _h A)	53-70-3	0.2	N.D.
Conclusion			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 (%)
				3
Bis(2-ethylhexyl) phthalate (DEHP)	117-81-7	0.003	0.1	N.D.
Dibutyl phthalate (DBP)	84-74-2	0.003	0.1	N.D.
Benzyl butyl phthalate (BBP)	85-68-7	0.003	0.1	N.D.
Diisobutyl phthalate (DIBP)	84-69-5	0.003	0.1	N.D.
Sum		/	0.1	N.D.
Di-isononyl phthalate (DINP)	28553-12-0 68515-48-0	0.005	0.1	N.D.
Di-isodecyl phthalate (DIDP)	26761-40-0 68515-49-1	0.005	0.1	N.D.
Di-n-octyl phthalate (DNOP)	117-84-0	0.003	0.1	N.D.
Sum		/	0.1	N.D.
Conclusion				PASS

Note:

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



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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	500	2	N.D.	PASS
2	500	2	N.D.	PASS
3	500	2	N.D.	PASS
4	500	2	N.D.	PASS

Note:

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

5.1. Pentachlorophenol (PCP)

Test Method: with reference to LFGB § 64 BVL B 82.02.8 - 2001., was analyzed by Gas Chromatography-Mass Spectrometry (GC-MS).

Material No.	Unit	RL	Limit	Test Result	Conclusion
1	mg/kg	0.05	0.15	N.D.	PASS

Note:

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



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5.2. Specific migration of formaldehyde

Test Method: With reference to EN 13130-1:2004 and DD CEN/TS 13130-23:2005, and the analysis was performed by UV-VIS.

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

S/V ration: 1.62 dm² / 271 mL

Test Items	Unit	Limit	RL	Test Result
				1
Formaldehyde	mg/kg	15	5	N.D.
Conclusion				PASS

Note:

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

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°C, 24h

Category 2

Test Item	Depth(mm)	Volume (mL)	Test Result (mg/L)	Conclusion
			2	
Lead (Pb)	72	1000	< 0.1	PASS
Cadmium (Cd)	72	1000	< 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 capacity of more than three liters	1.5mg/L	0.1mg/L

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Note:

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

7.1. Overall Migration

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

S/V ration: 1.32 dm² / 132 mL

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

Note:

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

7.2. 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
3	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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8.1. Overall Migration

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

S/V ration: 1.32 dm² / 132 mL

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

Note:

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



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8.2. 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
3	0.5	0.1	0.2	PASS

Note:

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

8.3. Peroxide Value

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

Material No.	Limit	Test Result	Conclusion
3	Negative	Negative	PASS

8.4. 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)
			3
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.



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8.5. 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
3	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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9. 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



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Thallium (Tl)	0.001	0.007	0.001	N.D.	N.D.	PASS
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Test Material(s) List

Material No.	Description	Location	Material
1	Light brown bamboo	Lid	Bamboo
2	Transparent glass	Tea pot body	Glass
3	Translucent silicone	Sealing ring	Silicone
4	Silvery metal	Filter	Stainless steel

Photo Appendix



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