



TEST REPORT

Report No.: CCI260100617EN

Report Date: Jan. 20, 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 : Metal mug & carabiner handle

Model/Item No. : MO8313

Vendor Code : 107978

Test Period : From Jan. 12, 2026 to Jan. 20, 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

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Executive Summary:

No.	TESTED SAMPLES	STANDARD / REQUIREMENT	CONCLUSION
1	Tested material(s) of submitted sample(s)	Entry 63 of Annex XVII to the REACH Regulation (EC) No.1907/2006 - Lead (Pb)	PASS
2	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



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TESTS CONDUCTED:

1. 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+2+3	500	2	N.D.	PASS
4+5+6	500	2	N.D.	PASS

Note:

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



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2. 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
				2		
		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



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Test Material(s) List

Material No.	Description	Location	Material
1	Silvery metal	Outer wall	/
2	Silvery metal	Liner	Stainless steel
3	Silvery metal with black plating	Handle opener	/
4	Silvery metal	Handle body	/
5	Silvery metal	Axis	/
6	Silvery metal	Screw	/

Photo Appendix





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Additional Photo Appendix



★★★★★End of Report★★★★★

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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

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