

Test report

T-25300606-11-R1



Overall result Pass

Please refer to the following pages for test result summary and notes.

Client information

Client: Mid Ocean Brands B.V.

Address: Unit 711-716, 7/F., Tower A, 83 King Lam

Street, Cheung Sha Wan, Kowloon, Hong Kong



Sample information

Description: Snow brush and ice scraper

SKU/style #: MO9676

Country of origin: Country of distribution: Europe
Material / Composition: ABS

Quantity submitted: 2 pcs

Labeled age grade: -Tested age grade: -

Vendor code: 118518

General information

Sample receipt date: 30-May-2025

Testing period: 03-Jun-2025 to 06-Jun-2025

Report date: 10-Jun-2025

QIMA (Hangzhou) Testing Co., Ltd.

Jeremy Xu

Verify Report

Chemical Laboratory Manager



Result summary

At the request of the client, the following test were conducted:

Test(s) conducted	Conclusion
Regulation (EC) No. 1907/2006 REACH Annex XVII, Item 63 Lead in Substrate Materials	Pass
Regulation (EC) No. 1907/2006 REACH Annex XVII, Item 23 Cadmium in Substrate Materials	Pass
Regulation (EC) No. 1907/2006 REACH Annex XVII as amended, Item 51 and 52 Phthalates – Mouthable (DBP, BBP, DEHP, DIBP, DnOP, DINP, DIDP)	Pass
Regulation (EC) No. 1907/2006 REACH Annex XVII, Item 50 Polycyclic Aromatic Hydrocarbon (PAH)	Pass

Note:

By client's request, selected components were conducted for all chemical testing.



Regulation (EC) No. 1907/2006 REACH Annex XVII, Item 63 Lead in Substrate Materials

Test Method: CPSC-CH-E1001-08.3 (Metal) and/or CPSC-CH-E1002-08.3 (Non-Metal)

Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Specimen No.	C1+C2	C3	C4	C5	C6	Limit
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	(mg/kg)
Total Lead (Pb)	21	ND	ND	16	ND	500
Conclusion	Pass	Pass	Pass	Pass	Pass	

Note:

mg/kg = Milligrams per kilogram

LT = Less than

ND = Not detected (Reporting Limit = 15 mg/kg)

Composite results are based on specimen of least mass resulting in highest potential concentration.

Verify Report

Regulation (EC) No. 1907/2006 REACH Annex XVII, Item 23 Cadmium in Substrate Materials

Test Method: ASTM F963-23 Clause 8.3.1

Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Specimen No.	C1+C2	C3	C4	C5	C6	Limit
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	(mg/kg)
Total Cadmium (Cd)	ND	ND	ND	ND	ND	100
Conclusion	Pass	Pass	Pass	Pass	Pass	

Note:

mg/kg = Milligrams per kilogram

LT = Less than

ND = Not detected (Reporting Limit = 15mg/kg)

Composite results are based on specimen of least mass resulting in highest potential concentration.



Regulation (EC) No. 1907/2006 REACH Annex XVII as amended, Item 51 and 52 Phthalates – Mouthable (DBP, BBP, DEHP, DIBP, DnOP, DINP, DIDP)

Test Method: CPSC-CH-C1001-09.4

Analytical Method: Gas Chromatography with Mass Spectrometry

Specimen No.	C1+C2	C3	C4	Limit	
Test Item	CAS No.	Result (% w/w)	Result (% w/w)	Result (% w/w)	(% w/w)
Dibutyl Phthalate (DBP)	84-74-2	ND	ND	ND	0.1
Benzyl Butyl Phthalate (BBP)	85-68-7	ND	ND	ND	0.1
Di-(2-Ethylhexyl) Phthalate (DEHP)	117-81-7	0.0233	ND	ND	0.1
Diisobutyl Phthalate (DIBP)	84-69-5	ND	ND	ND	0.1
Sum of DBP,	0.0233	ND	ND	0.1	
Di-n-Octyl Phthalate (DnOP)	117-84-0	ND	ND	ND	
Diisononyl Phthalate (DINP)	28553-12-0 68515-48-0	ND	ND	ND	
Diisodecyl Phthalate (DIDP)	26761-40-0 68515-49-1	ND	ND	ND	
Sum of D	Sum of DnOP, DINP, DIDP			ND	0.1
	Pass	Pass	Pass		

Note:

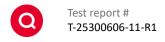
% w/w = Percent by weight

LT = Less than

ND = Not detected (Reporting Limit = 0.015 % w/w)

Composite results are based on specimen of least mass resulting in highest potential concentration.

Verify Report



Regulation (EC) No. 1907/2006 REACH Annex XVII, Item 50 Polycyclic Aromatic Hydrocarbon (PAH)

Test Method: AfPS GS 2019:01

Analytical Method: Gas Chromatography with Mass Spectrometry

Specimen No.		C1+C2	C3	C4		Limit
Test Item	CAS No.	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	(mg/kg)
Benzo [a] pyrene (BaP)	50-32-8	ND	ND	ND		1
Benzo [e] pyrene (BeP)	192-97-2	ND	ND	ND		1
Benzo [a] anthracene (BaA)	56-55-3	ND	ND	ND		1
Chrysene (CHR)	218-01-9	ND	ND	ND		1
Benzo [b] fluroranthene (BbFA)	205-99-2	ND	ND	ND		1
Benzo [j] fluroranthene (BjFA)	205-82-3	ND	ND	ND		1
Benzo [k] fluroranthene (BkFA)	207-08-9	ND	ND	ND		1
Dibenzo [a,h] anthra- cene (DBAhA)	53-70-3	ND	ND	ND		1
Conclusion	1	Pass	Pass	Pass		

Note:

mg/kg = Milligrams per kilogram

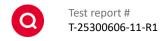
LT = Less than

ND = Not detected (Reporting Limit = 0.2 mg/kg)

Composite results are based on specimen of least mass resulting in highest potential concentration.



Verify Report



Specimen description

Specimen #	Specimen description	Location
C1	Black plastic	Broom head
C2	Black plastic	Scraper
C3	Black soft plastic	Bristle
C4	Black sponge	Handle case
C5	Silvery metal	Under handle case
C6	Silvery metal	Screw

Pictures

Sample photo:



End of the report

The test result(s) and conclusion(s) in this report relate only to the sample(s) as received and the method /regulation section(s) tested as described herein. If it is not further specified in the report, the decision rule for stating conformity is based on the QIMA decision rule.(https://www.qima.com/conditions-of-service#decisionRule). This test report may not be reproduced in whole or in part, without the written approval of QIMA (Hangzhou) Testing Co., Ltd.

