

Test report

T-25001740-11-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: 7/F, Kings Tower, 111 King Lam Street, Cheung

Sha Wan, Kowloon, Hong Kong



Sample information

Description: Measuring tape

SKU/style #: MO8239

Country of origin: -Country of distribution: Europe

Material/Composition: ABS, steel

Quantity submitted: 5 pcs + a lot parts

Labeled age grade: -Tested age grade: -

Vendor code: 118518

General information

Sample receipt date: 02-Jan-2025

Testing period: 03-Jan-2025 to 09-Jan-2025

Report date: 13-Jan-2025

QIMA (Hangzhou) Testing Co., Ltd.

Carina Zhou

Carina Zhou

Textile Laboratory Manager

QIMA (Hangzhou) Testing Co., Ltd.

oremy. Xu

Jeremy Xu

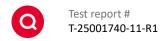
Chemical Laboratory Manager



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 Paints and Surface Coatings	Pass
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 Paints and Surface Coatings	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
Regulation (EC) No. 1907/2006 REACH Annex XVII, Item 43 Azocolorants in Textiles	Pass
Colour Fastness to Rubbing	Pass



Regulation (EC) No. 1907/2006 REACH Annex XVII, Item 63 Lead in Paints and Surface Coatings

Test Method: CPSC-CH-E1003-09.1

Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Specimen No.	2	9				Limit
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	(mg/kg)
Total Lead (Pb)	ND	16				500
Conclusion	Pass	Pass				

Note:

mg/kg = Milligrams per kilogram

LT = Less than

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

Specimen No.	Transferre	ed from	Data of Issue
	Report No.	Specimen No.	Date of Issue
2	T-24382367-11-R1	2	31-Dec-2024
9	T-24382367-11-R1	9	31-Dec-2024



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.	1+3	4	5	6	7	Limit
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	(mg/kg)
Total Lead (Pb)	ND	ND	ND	ND	ND	500
Conclusion	Pass	Pass	Pass	Pass	Pass	

Specimen No.	8	10	11	12		Limit
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	(mg/kg)
Total Lead (Pb)	ND	ND	17	ND		500
Conclusion	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.

Specimen No.	Transferr	ed from	Date of Issue	
Specimen No.	Report No.	Specimen No.	Date of issue	
1+3	T-24382367-11-R1	1+3	31-Dec-2024	
4	T-24382367-11-R1	4	31-Dec-2024	
5	T-24382367-11-R1	5	31-Dec-2024	
6	T-24382367-11-R1	6	31-Dec-2024	
7	T-24382367-11-R1	7	31-Dec-2024	
8	T-24382367-11-R1	8	31-Dec-2024	
10	T-24382367-11-R1	10	31-Dec-2024	
11	T-24382367-11-R1	11	31-Dec-2024	



Regulation (EC) No. 1907/2006 REACH Annex XVII, Item 23 Cadmium in Paints and Surface Coatings

Test Method: ASTM F963-23 Clause 8.3.1

Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Specimen No.	2	9				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				1000
Conclusion	Pass	Pass				

Note:

mg/kg = Milligrams per kilogram

LT = Less than

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

Specimen No.	Transferre	Date of Issue	
	Report No.	No. Specimen No.	
2	T-24382367-11-R1	2	31-Dec-2024
9	T-24382367-11-R1	9	31-Dec-2024



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.	1+3	4	5	6	7	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	

Specimen No.	8	10	11			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			100
Conclusion	Pass	Pass	Pass			

Note:

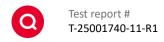
mg/kg = Milligrams per kilogram

LT = Less than

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

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

Chasiman Na	Transferre	Data of Issue	
Specimen No.	Report No.	Specimen No.	Date of Issue
1+3	T-24382367-11-R1	1+3	31-Dec-2024
4	T-24382367-11-R1	4	31-Dec-2024
5	T-24382367-11-R1	5	31-Dec-2024
6	T-24382367-11-R1	6	31-Dec-2024
7	T-24382367-11-R1	7	31-Dec-2024
8	T-24382367-11-R1	8	31-Dec-2024
10	T-24382367-11-R1	10	31-Dec-2024
11	T-24382367-11-R1	11	31-Dec-2024



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.	1+3	2	9	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	ND	ND	ND	0.1
Diisobutyl Phthalate (DIBP)	84-69-5	ND	ND	ND	0.1
Sum of DBP,	BBP, DEHP, DIBP	ND	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	ND	ND	ND	0.1	
	Conclusion	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.

Specimen No.	Transferre	Date of Issue	
Specimen No.	Report No.	Specimen No.	Date of issue
1+3	T-24382367-11-R1	1+3	31-Dec-2024
2	T-24382367-11-R1	2	31-Dec-2024
9	T-24382367-11-R1	9	31-Dec-2024



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 N	0.	1+3	2	9		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.

Chasiman Na	Transferr	Data of Issue	
Specimen No.	Report No.	Specimen No.	Date of Issue
1+3	T-24382367-11-R1	1+3	31-Dec-2024



Regulation (EC) No. 1907/2006 REACH Annex XVII, Item 43 Azocolorants in Textiles

Test Method: EN ISO 14362-1:2017, EN ISO 14362-3:2017

Analytical Method: Gas Chromatography with Mass Spectrometry, Liquid Chromatography with Diode Array

Detection / Liquid Chromatography with Mass Spectrometry

Specimen No	0.	12				
Took Itana	CACNA	Result	Result	Result	Result	Limit
Test Item	CAS No.	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
4-aminobiphenyl	92-67-1	ND				30
Benzidine	92-87-5	ND				30
4-chloro-o-toluidine	95-69-2	ND				30
2-naphtylamine	91-59-8	ND				30
o-Aminoazotoluene	97-56-3	ND				30
5-nitro-o-toluidine	99-55-8	ND				30
4-chloroaniline	106-47-8	ND				30
2,4-diaminoanisole	615-05-4	ND				30
4,4'-methylenedianiline	101-77-9	ND				30
3,3'-dichlorobenzidine	91-94-1	ND				30
o-dianisidine	119-90-4	ND				30
3,3'-dimethylbenzidine	119-93-7	ND				30
4,4'-methylenedi-o-tolui- dine	838-88-0	ND				30
p-cresidine	120-71-8	ND				30
4,4'-methylene-bis-(2-chloro-aniline)	101-14-4	ND				30
4,4'-oxydianiline	101-80-4	ND				30
4,4'-thiodianiline	139-65-1	ND				30
o-toluidine	95-53-4	ND				30
2,4-diaminotoluene	95-80-7	ND				30
2,4,5-trimethylaniline	137-17-7	ND				30
2-methoxyaniline	90-04-0	ND				30
4-aminoazobenzene	60-09-3	ND				30
Conclusion	1	Pass				

Note:

mg/kg = Milligrams per kilogram

LT = Less than

ND = Not detected (Reporting Limit = 5 mg/kg)

Remark:

In the case of levels per amine component less than or equal to 30 mg/kg, according to the analysis as carried out, azo colorants which can release one or more of certain listed amines by cleavage of their azo group/s were not detected in the commodity submitted.



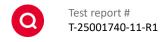


Colour Fastness to Rubbing

Test Method: ISO 105-X12: 2016, Size of rubbing finger: 16mm dia.

Specimen No.	12					Client's
Items	Result (Grade)	Result (Grade)	Result (Grade)	Result (Grade)	Result (Grade)	requirement
Dry staining	4					Min. 2-3
Wet staining	4-5					Min. 2-3
Conclusion	Pass					-

Remark: Grey Scale rating is based on the 5-step scale of 1 to 5, where 1 is bad and 5 is good.



Specimen description

Specimen #	Specimen description	Location
1	Grey plastic	Main body
2	Silvery coating	Main body
3	Black plastic	Adjustable button
4	Silvery metal	Back clip
5	Silvery metal	Screw of back clip
6	Silvery metal	Screw of main body
7	Silvery metal	Fixed buckle of handle rope
8	Golden metal	Measure tape
9	Multi-color coating	Measure tape
10	Silvery metal	Handle of measure tape
11	Silvery metal	Rivet of measure tape
12	Black textile	Handle rope

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.

