

## Test report

T-24103050-11-R1



Verify Report

## 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: Raincoat, PE material, 127\*100 cm  
SKU/style #: IT0972  
Country of origin: -  
Country of distribution: Europe  
Quantity submitted: 4 colors/ 2 pcs per color  
Labeled age grade: -  
Tested age grade: -  
Materials: PE

## General information

Sample receipt date: 24-Jul-2024  
Testing period: 25-Jul-2024 to 29-Jul-2024

Report date: 31-Jul-2024

QIMA (Hangzhou) Testing Co., Ltd.

Jeremy Xu  
Chemical Laboratory Manager



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Room 401 4-5/F, Building 1, No.1213 Huoju South Road,  
Puyan Subdistrict, Binjiang District, Hangzhou, China



## 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, Item 50 Polycyclic Aromatic Hydrocarbon (PAH)	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



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## Detailed results

### 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+2+4	3	---	---	---	Limit (mg/kg)
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Total Lead (Pb)	ND	ND	---	---	---	500
Conclusion	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.

**Data Consolidation Reference:**

Specimen No.	Transferred from		Date of Issue
	Report No.	Specimen No.	
1+2+4	T-24089641-11-R1	1+2+4	23-Jul-2024
3	T-24089641-11-R1	3	23-Jul-2024



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## Detailed results

### 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+2+4	3	---	---	---	Limit (mg/kg)
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Total Cadmium (Cd)	ND	ND	---	---	---	100
Conclusion	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.

Data Consolidation Reference:

Specimen No.	Transferred from		Date of Issue
	Report No.	Specimen No.	
1+2+4	T-24089641-11-R1	1+2+4	23-Jul-2024
3	T-24089641-11-R1	3	23-Jul-2024



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## Detailed results

### 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.		1+2+4	3	---	---	Limit (mg/kg)
Test Item	CAS No.	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Benzo [a] pyrene (BaP)	50-32-8	ND	ND	---	---	1
Benzo [e] pyrene (BeP)	192-97-2	ND	ND	---	---	1
Benzo [a] anthracene (BaA)	56-55-3	ND	ND	---	---	1
Chrysene (CHR)	218-01-9	ND	ND	---	---	1
Benzo [b] fluoranthene (BbFA)	205-99-2	ND	ND	---	---	1
Benzo [j] fluoranthene (BjFA)	205-82-3	ND	ND	---	---	1
Benzo [k] fluoranthene (BkFA)	207-08-9	ND	ND	---	---	1
Dibenzo [a,h] anthracene (DBA <sub>h</sub> A)	53-70-3	ND	ND	---	---	1
Conclusion		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.

#### Data Consolidation Reference:

Specimen No.	Transferred from		Date of Issue
	Report No.	Specimen No.	
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## Detailed results

**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+2+4	3	---	Limit (mg/kg)
Test Item	CAS No.	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Dibutyl phthalate (DBP)	84-74-2	ND	ND	---	1000
Benzyl butyl phthalate (BBP)	85-68-7	ND	ND	---	1000
Di-(2-ethylhexyl) phthalate (DEHP)	117-81-7	ND	ND	---	1000
Diisobutyl phthalate (DIBP)	84-69-5	ND	ND	---	1000
Sum of DBP, BBP, DEHP, DIBP		ND	ND	---	1000
Di-n-octyl phthalate (DnOP)	117-84-0	ND	ND	---	
Diisononyl phthalate (DINP)	28553-12-0 68515-48-0	ND	ND	---	
Diisodecyl phthalate (DIDP)	26761-40-0 68515-49-1	ND	ND	---	
Sum of DnOP, DINP, DIDP		ND	ND	---	1000
Conclusion		Pass	Pass	---	

**Note:**

mg/kg (Milligrams per kilogram) = ppm (Parts per million) = 0.0001 % w/w (Percent by weight)

LT = Less than

ND = Not detected (Reporting Limit = 150 mg/kg)

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

**Data Consolidation Reference:**

Specimen No.	Transferred from		Date of Issue
	Report No.	Specimen No.	
3	T-24089641-11-R1	3	23-Jul-2024



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## Specimen description

Specimen #	Specimen description	Location
1	Transparent blue soft plastic	Raincoat (blue style)
2	Transparent red soft plastic	Raincoat (red style)
3	Transparent soft plastic	Raincoat (transparent style)
4	Transparent yellow soft plastic	Raincoat (yellow style)







## Pictures

### Sample photo:



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## 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.



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