

## Test report

23A-012425(A1)



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## 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: Reuseable kids rain poncho with hood  
SKU/style #: MO2128  
Country of origin: -  
Country of distribution: Europe  
Quantity submitted: 1 pc per color

Labeled age grade: -  
Tested age grade: -  
Materials: PEVA

## General information

Sample receipt date: 11-Oct-2023  
Testing period: 16-Oct-2023 to 20-Oct-2023  
Report date: 20-Oct-2023

QIMA (Hangzhou) Testing Co., Ltd.

Jeremy Xu  
Chemical Laboratory Supervisor



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## 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+3	4+5+6	7+8+9	---	---	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	ND	---	---	<b>500</b>
<b>Conclusion</b>	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.





## Detailed results

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

Test Method: ASTM F963-17 Clause 8.3.1  
Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Specimen No.	1+2+3	4+5+6	7+8+9	---	---	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	ND	---	---	<b>100</b>
<b>Conclusion</b>	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.





## 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+3	4+5+6	7+8+9	---	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	ND	---	<b>1</b>
Benzo [e] pyrene (BeP)	192-97-2	ND	ND	ND	---	<b>1</b>
Benzo [a] anthracene (BaA)	56-55-3	ND	ND	ND	---	<b>1</b>
Chrysene (CHR)	218-01-9	ND	ND	ND	---	<b>1</b>
Benzo [b] fluroanthene (BbFA)	205-99-2	ND	ND	ND	---	<b>1</b>
Benzo [j] fluroanthene (BjFA)	205-82-3	ND	ND	ND	---	<b>1</b>
Benzo [k] fluroanthene (BkFA)	207-08-9	ND	ND	ND	---	<b>1</b>
Dibenzo [a,h] anthracene (DBAhA)	53-70-3	ND	ND	ND	---	<b>1</b>
<b>Conclusion</b>		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.





## 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+3	4+5+6	7+8+9	Limit (mg/kg)
Test Item	CAS No.	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Dibutyl phthalate (DBP)	84-74-2	ND	ND	ND	1000
Benzyl butyl phthalate (BBP)	85-68-7	ND	ND	ND	1000
Di-(2-ethylhexyl) phthalate (DEHP)	117-81-7	ND	ND	ND	1000
Diisobutyl phthalate (DIBP)	84-69-5	ND	ND	ND	1000
Sum of DBP, BBP, DEHP, DIBP		ND	ND	ND	1000
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 DnOP, DINP, DIDP		ND	ND	ND	1000
<b>Conclusion</b>		PASS	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.





## Specimen description

Specimen #	Specimen description	Location
1	Blue soft plastic	Main body (blue style)
2	White soft plastic	Main body (white style)
3	Yellow soft plastic	Main body (yellow style)
4	Blue soft plastic	Edge (blue style)
5	White soft plastic	Edge (white style)
6	Yellow soft plastic	Edge (yellow style)
7	White plastic	Cap (all styles)
8	White plastic	Stud (all styles)
9	White plastic	Prong (all styles)



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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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