

Test Report # 18A-004074-1 Date of Report Issue: September 28, 2018

Date of Sample Received: Page 1 of 11 September 19, 2018 Pages:

**CLIENT INFORMATION:** 

Company: Mid Ocean Brands B.V.

Address: 7/F, Kings Tower, 111 King Lam Street, Cheung

Sha Wan, Kowloon, Hong Kong

**SAMPLE INFORMATION:** 

Product Name: Luggage tag Model/style No.: MO9508 Main Material: aluminum

Mid Ocean Brands B.V. Buyer:

Supplier: 100396

Country of Distribution: EU

**Testing Period:** 09/19/2018-09/28/2018

**OVERALL RESULT:** 

PASS

Refer to page 2 for test result summary and appropriate notes.

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## **TEST RESULTS SUMMARY:**

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

CONCLUSION	TEST(S) CONDUCTED
PASS	Regulation (EC) No. 1907/2006 REACH Annex XVII, Item 63 Lead in Substrate
PASS	Materials
PASS	Regulation (EC) No. 1907/2006 REACH Annex XVII, Item 23 Cadmium in Substrate
	Materials
PASS	Client's requirement, Phthalates content



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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	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.	6					Limit
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	(mg/kg)
Total Lead (Pb)	ND					500
Conclusion	PASS					

Note:

mg/kg = Milligrams per kilogram

LT = Less than

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



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#### **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	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.	6					Limit
Test Item	Result	Result	Result	Result	Result	(mg/kg)
	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(6/ 1.6/
Total Cadmium (Cd)	ND					100
Conclusion	PASS					

Note:

mg/kg = Milligrams per kilogram

LT = Less than

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



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#### **DETAILED RESULTS:**

# Client's requirement, Phthalates content

Test Method: CPSC-CH-C1001-09.4

Analytical Method: Gas Chromatography with Mass Spectrometry

Specimen No.		7				Limit
Test Item	CAS No.	Result (% m/m)	Result (% m/m)	Result (% m/m)	Result (% m/m)	(% m/m)
Dibutyl phthalate (DBP)	84-74-2	ND				
Benzyl butyl phthalate (BBP)	85-68-7	ND				
Di-(2-ethylhexyl) phthalate (DEHP)	117-81-7	ND				
Sum of DBP, BBP, DEHP		ND				0.1
Di-n-octyl phthalate (DnOP)	117-84-0	ND				
Diisononyl phthalate (DINP)	28553-12-0 68515-48-0	ND				
Diisodecyl phthalate (DIDP)	26761-40-0 68515-49-1	ND				
Sum of DnOP, DINP, DIDP		ND				0.1
Diisobutyl phthalate (DIBP)	84-69-5	ND				0.1
Conclusion		PASS				

Note:

% m/m = Percent by mass

LT = Less than

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

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## **SPECIMEN DESCRIPTION:**

Specimen No.	Specimen Description	Location
1	Golden coated silvery metal	Shell(golden style)
2	Red coated silvery metal	Shell(red style)
3	Blue coated silvery metal	Shell(blue style)
4	Black coated silvery metal	Shell(black style)
5	Silvery metal	Shell(silvery style)
6	Silvery metal	Wire
7	Transparent soft plastic	Card



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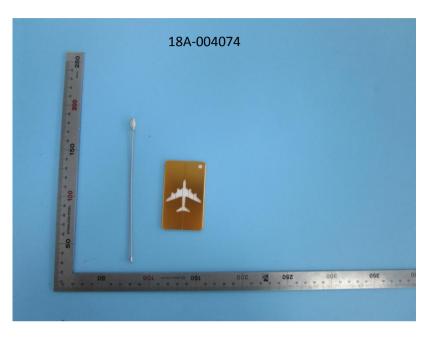
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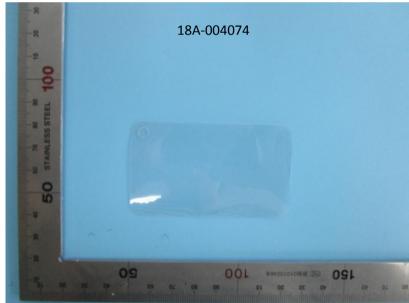






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