

# **TEST REPORT**

Test Report # 21A-020704(A1) Date of Report Issue: September 1, 2021

Date of Sample Received: August 27, 2021 Pages: Page 1 of 8

**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: Reflective wrist strap

Style No.: MO8282 Labeled Age Grade: -

Order No.(PO No.): - Client Request Age Grade: -

Country of Origin: - Recommended Age Grade: -

Country of Distribution: Europe Tested Age Grade: -

Composition/Main Material: PVC

Testing Period: 08/27/2021-08/31/2021

**OVERALL RESULT:** 

PASS

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

QIMA (HANGZHOU) TESTING CO., LTD.

bremy. Xu

Jeremy Xu

RC-CSHZ-R007

**Chemical Laboratory Supervisor** 

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Test Report # 21A-020704(A1) Pages: Page 2 of 8

## **TEST RESULTS SUMMARY:**

RC-CSHZ-R007

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 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)



Test Report # 21A-020704(A1) Pages: Page 3 of 8

## **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			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			500
Conclusion	PASS	PASS	PASS			

Note:

RC-CSHZ-R007

mg/kg = Milligrams per kilogram

LT = Less than

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



Test Report # 21A-020704(A1) Pages: Page 4 of 8

## **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			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:

RC-CSHZ-R007

mg/kg = Milligrams per kilogram

LT = Less than

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



Test Report # 21A-020704(A1) Pages: Page 5 of 8

## **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	Limit	
Test Item	CAS No.	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	(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, [	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, DI	ND	ND	ND	1000	
Conclusion	PASS	PASS	PASS		

## Note:

RC-CSHZ-R007

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

LT = Less than

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



Test Report # 21A-020704(A1) Pages: Page 6 of 8

# **SPECIMEN DESCRIPTION:**

RC-CSHZ-R007

Specimen No.	Specimen Description	Location
1	Yellow soft plastic	Front
2	Yellow white soft plastic	Front
3	White soft plastic	Bottom



Test Report # 21A-020704(A1) Pages: Page 7 of 8

# **SAMPLE PHOTO:**

RC-CSHZ-R007





Test Report # 21A-020704(A1) Pages: Page 8 of 8

# **PRODUCT PHOTO:**

RC-CSHZ-R007



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