

Test Report

Report No.: AGC02748180501-001S1

Date: May 29, 2018

Page 1 of 5

Applicant: Mid Ocean Brands B.V
Address: Unit 201, 2/F., Laford Centre, 838 Lai Chi Kok Road, Cheung Sha Wan, Kowloon, Hong Kong.

Report on the submitted samples said to be:

Sample Name : Phone holder with ring in water drop design
Model : MO9445
Vendor code : 107961
Country of origin : CHINA
Country of destination : EUROPE
Sample Receiving Date : May 11, 2018
Testing Period : May 11, 2018 to May 29, 2018

Test Requested: : Please refer to next page(s).
Test Method : Please refer to next page(s).
Test Result : Please refer to next page(s).

Tested by: Luoxiao

Luoxiao

Test Engineer

Reviewed by: Leon

Suhongliang, Leon

Test Team Leader



Approved by: Lewis

Liulinwen, Lewis

Technical Director



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Test Report

Report No.: AGC02748180501-001S1

Date: May 29, 2018

Page 2 of 5

Test Requested:

- As specified by client, to determine the Lead and Lead compounds content in the submitted sample(s) with reference to entry 63, Annex XVII of the REACH Regulation (EC) No 1907/2006 and Amendment Regulation (EU) No 836/2012 and (EU)2015/628.
- As specified by client, to determine the Cadmium content in the submitted sample(s) with reference to entry 23, Annex XVII of the REACH Regulation (EC) No 1907/2006 and Amendment Regulation (EU) No 835/2012 & Regulation (EU) No 494/2011.
- As specified by client, to determine the nickel release in the submitted sample(s) with reference to entry 27, Annex XVII of the REACH Regulation (EC) No 1907/2006 .

Conclusion

Pass

Pass

Pass

Test Result(s):
1. Lead and Lead compounds content

Unit: mg/kg

Test item(s)	Test Method/ Equipment	MDL	Result(s)		Limit
			1	2	
Lead (Pb)	Refer to EPA 3050B-1996 EPA 3052-1996	5	27	N.D.	500
Conclusion	EPA 6010C-2007 ICP-OES	/	Pass	Pass	/

- Note:**
- MDL=Method Detection Limit
 - N.D.=Not Detected(less than method detection limit)
 - As specified by client, only test the designated sample

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Attestation of Global Compliance Std. & Tech.

No.18 C
 Tel: +86-755 8358 3833 Fax: +86-755 2531 6612 E-mail: agc01@agc-cert.com 400 089 2118
 Add: Building 2, No.171, Meihua Road, Shangmeilin, Futian District, Shenzhen, Guangdong China

Test Report

Report No.: AGC02748180501-001S1

Date: May 29, 2018

Page 3 of 5

2. Cadmium content

Unit: mg/kg

Test item(s)	Test Method/ Equipment	MDL	Result(s)	Limit
			1	
Cadmium (Cd)	Refer to EPA 3050B-1996 EPA 6010C-2007 ICP-OES	5	64	100
Conclusion		/	Pass	/

Unit: mg/kg

Test item(s)	Test Method/ Equipment	MDL	Result(s)	Limit
			2	
Cadmium (Cd)	Refer to EN 1122:2001 ICP-OES	5	N.D.	100
Conclusion		/	Pass	/

- Note:**
1. MDL=Method Detection Limit
 2. N.D.=Not Detected(less than method detection limit)
 - 3.As specified by client, only test the designated sample

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 Tel: +86-755 8358 3833 Fax: +86-755 2531 6612 E-mail: agc01@agc-cert.com 400 089 2118
 Add: Building 2, No. 171, Meihua Road, Shangmeilin, Futian District, Shenzhen, Guangdong China

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Test Report

Report No.: AGC02748180501-001S1

Date: May 29, 2018

Page 4 of 5

3. nickel release

Unit: $\mu\text{g}/\text{cm}^2/\text{week}$

Test Item(s)	Test Method/equipment	MDL	Result(s)		
			1-A	1-B	1-C
Nickel (Ni) release	Refer to EN 12472:2005+A1:2009 EN 1811:2011+A1:2015 ICP-OES	0.05	N.D.	N.D.	N.D.
Conclusion	/	/	Pass	Pass	Pass

Type of sample	Nickel release ($\mu\text{g}/\text{cm}^2/\text{week}$)	
	Pass	Fail
Article with Nickel release limit of $0.5\mu\text{g}/\text{cm}^2/\text{week}$ (Non-body piercing)	<0.88	≥ 0.88
Article with Nickel release limit of $0.2\mu\text{g}/\text{cm}^2/\text{week}$ (Body piercing)	<0.35	≥ 0.35

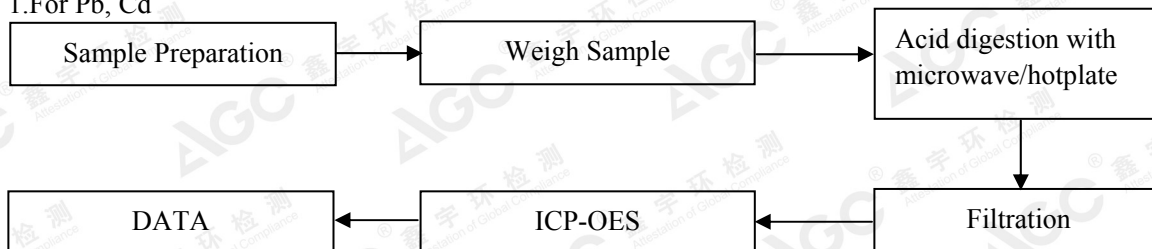
- Note:**
1. N.D.=not detected ($<\text{MDL}$)
 2. MDL=Method Detection Limit
 3. $\mu\text{g}/\text{cm}^2/\text{week}$ = microgram per square centimeter per week

Sample Description

1	Metal with silver plating
2	Flexible glue

Test Flow Chart

1.For Pb, Cd



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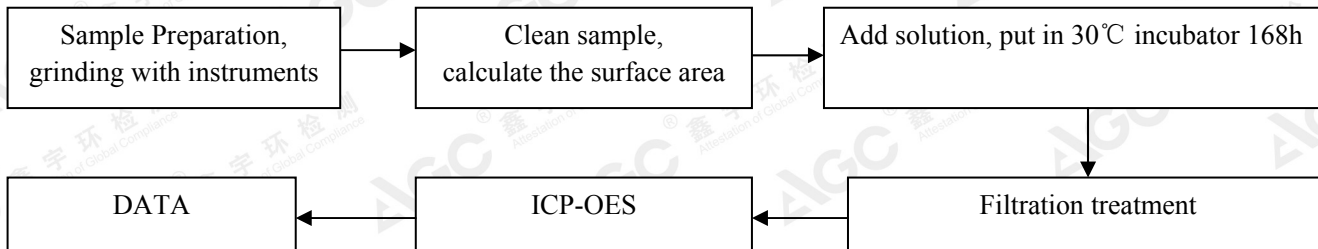
Test Report

Report No.: AGC02748180501-001S1

Date: May 29, 2018

Page 5 of 5

2. For nickel release



This report is to supersede the report with No.: AGC02748180501-001 dated on May 22, 2018.

The photo of the sample



AGC authenticate the photo on original report only

*** End of Report***

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