

Test Report

Report No.: AGC03507191010-001

Date: Oct.24, 2019

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Applicant: MID OCEAN BRANDS B.V
Address: 7/F, Kings Tower, 111 King Lam Street, Cheung Sha Wan, Kowloon, Hong Kong
Test site: 1,6/F.,Building 2,No.1-4, Chaxi Sanwei Technical Industrial Park, Gushu, Xixiang, Baoan District, Shenzhen, Guangdong, China

Report on the submitted samples said to be:

Sample Name : Credit card protector
Model No. : MO8938
Supplier : 107961
Country of origin : CHINA
Country of destination : EUROPE
Sample Received Date : Oct.21, 2019
Testing Period : Oct.21, 2019 to Oct.24, 2019

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

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

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

Approved by: _____

Qinlian zhi, Reed
Laboratory Supervisor



Approved by: _____

Liulinwen, Lewis
Technical Director



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Test Requested:

Conclusion

1. 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.
2. As specified by client, to determine the Cadmium(Cd)content in the submitted sample(s) with reference to entry 23, Annex XVII of the REACH Regulation (EC) No 1907/2006.
3. As specified by client, to determine the phthalates content in the submitted sample(s) with reference to entry 51 and its amendment (EU)2018/2005& entry 52, Annex XVII of the REACH Regulation (EC) No 1907/2006 and Amendment Regulation (EC) No 552/2009.
4. As specified by client, to check Performance test anti skimming in the submitted sample(s).

Pass

Pass

Pass

/

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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

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

Unit: mg/kg

Test item(s)	Test Method/ Equipment	MDL	Result(s)	Limit
			1-1	
Lead (Pb)	IEC 62321-5:2013	10	N.D.	500
Conclusion	ICP-OES	/	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

2. Test Result(s) of Cd:

Unit: mg/kg

Test item(s)	Test Method/ Equipment	MDL	Result(s)	Limit
			1-1	
Cadmium (Cd)	IEC 62321-5:2013	10	N.D.	100
Conclusion	ICP-OES	/	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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3. Test result of phthalates content

Unit: %, w/w

Test Item(s)	Test Method/ Equipment	MDL	Result(s)	Limit
			1-1	
Dibutyl phthalate (DBP)	EN 14372:2004 GC-MS	0.01	N.D.	0.1
Butylbenzyl phthalate (BBP)		0.01	N.D.	0.1
Di-(2-ethylhexyl) phthalate (DEHP)		0.01	N.D.	0.1
Diisobutyl phthalate (DIBP)		0.01	N.D.	0.1
Sum of DBP+BBP+DEHP+DIBP		—	N.D.	0.1
Di-n-octyl phthalate (DNOP)		0.01	N.D.	—
Di-isononyl phthalate (DINP)		0.01	N.D.	
Di-isodecyl phthalate (DIDP)		0.01	N.D.	
Sum of DNOP+DINP+DIDP		—	N.D.	0.1
Conclusion			/	Pass

- Note :**
- 0.1%,w/w =1000mg/kg
 - MDL=method detection limit
 - N.D.=not detected (less than method detection limit)
 - “—”=Not regulated
 - As specified by client, only test the designated sample

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4. Performance test anti skimming

The distance of the IC card can be read

Reading machine: RFID card access control					Unit: mm
Specimen No.		1#	2#	3#	4#
1. White	A	6	6	4	6
	B	107			

Reading machine: RFID card access control					Unit: mm
Specimen No.		1#	2#	3#	4#
2. Red	A	9	8	9	8
	B	106			

Reading machine: RFID card access control					Unit: mm
Specimen No.		1#	2#	3#	4#
3. Black	A	8	7	9	7
	B	107			

Reading machine: RFID card access control					Unit: mm
Specimen No.		1#	2#	3#	4#
4. Blue	A	8	8	9	8
	B	107			

Reading machine: RFID card access control					Unit: mm
Specimen No.		1#	2#	3#	4#
5. Green	A	11	10	10	11
	B	106			

Remark: A –Distance of the IC card can be read with card holder.

B – Distance of the IC card can be read without card holder.

NG – Negative, can not be read

0 –can be read when contact the machine

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Test procedure:

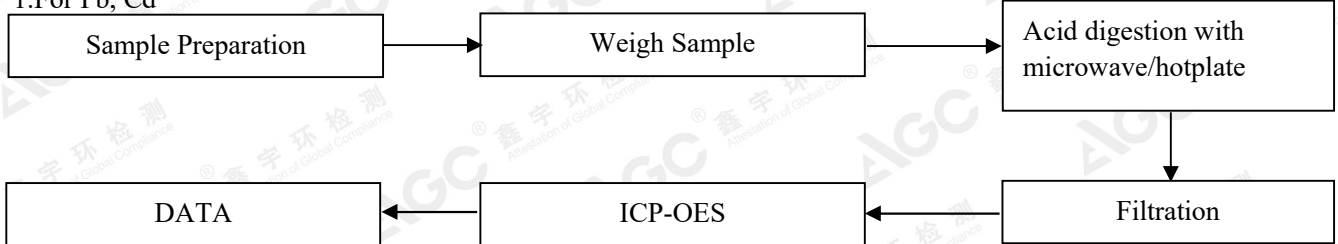
- 1) Mark each card holder in 1# and 4#
- 2) Put an IC card into No.1 card holder. Put this card holder gradually close to the reading machine, to see how far the IC card could be read. Mark the distance A.
- 3) Then take the IC card out of the holder. And put this IC card gradually close to the reading machine, to see how far the IC card could be read. Mark the distance B.
- 4) Compare A and B
5. Repeat step for card holder No.2 to No.5

Sample Description

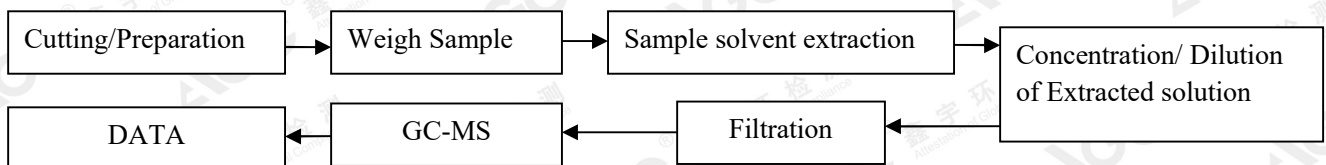
1-1	Black Credit card protecto
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Test Flow Chart

1. For Pb, Cd



2. For phthalates



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The photo of the sample



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AGC authenticate the photo on original report only

*** End of Report***

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