

Test Report

Report No.: AGC03778181201-001S1

Date: Dec.18, 2018

Page 1 of 13

Applicant: MID OCEAN BRANDS B.V

Address: 7/F, Kings Tower, 111 King Lam Street, Cheung Sha Wan, Kowloon, Hong Kong

Report on the submitted samples said to be:

Sample Name : See Sample Information

Model : See Sample Information

Manufacturers : 101191

Sample Receiving Date : Dec.03, 2018

Testing Period : Dec.03, 2018 to Dec.13, 2018

Test site : 6/F., Building 2, No.1-4, Chaxi Sanwei Technical Industrial Park, Gushu, Xixiang, Baoan District, Shenzhen, Guangdong, China

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: _____

Liulinwen, Lewis

Technical Director



The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by AGC, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at <http://www.agc-cert.com>.

Test Report

Report No.: AGC03778181201-001S1

Date: Dec.18, 2018

Page 2 of 13

Test Requested:

Conclusion

- | | |
|--|------|
| 1. 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. | Pass |
| 2. As specified by client, to determine the Polycyclic Aromatic Hydrocarbons (PAHs) content in the submitted sample(s) with reference to entry 50, Annex XVII of the REACH Regulation (EC) No 1907/2006. | Pass |
| 3. As specified by client, to determine the phthalates content in the submitted sample(s) with reference to entry 51 & 52, Annex XVII of the REACH Regulation (EC) No 1907/2006 . | Pass |
| 4. 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. | Pass |
| 5. As specified by client, to determine Azocolourants and Azodyes in the submitted sample with reference to Entry 43, Annex XVII of the REACH Regulation (EC) No 1907/2006. | Pass |
| 6. 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 . | Pass |
| 7. As specified by client, to determine the color fastness to rubbing of the submitted sample. | Pass |

The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by AGC, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at <http://www.agc-cert.com>.

AGC

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.: AGC03778181201-001S1

Date: Dec.18, 2018

Page 3 of 13

Test Result(s):
1. Test Result(s) of Cd:

Unit: mg/kg

Test Item(s)	Test Method/ Equipment	MDL	Result(s)			Limit
			1-2	1-3	1-4	
Cadmium (Cd)	Refer to EN1122:2001 ICP-OES	5	N.D.	N.D.	N.D.	100
Conclusion		/	Pass	Pass	Pass	/

Unit: mg/kg

Test item(s)	Test Method/ Equipment	MDL	Result(s)	Reference Limit
			1-1	
Cadmium (Cd)	Refer to EPA 3050B:1996 EPA 6010C:2007 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

The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by AGC, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at <http://www.agc-cert.com>.


AGC

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.: AGC03778181201-001S1

Date: Dec.18, 2018

Page 4 of 13

2. Test result of Polycyclic Aromatic Hydrocarbons (PAHs)

Unit: mg/kg

Test Item(s)	Test Method /Equipment	MDL	Result(s)			Limit
			1-2	1-3	1-4	
Benzo[a]anthracene (BaA)	Refer to AfPS GS 2014:01 PAK GC-MS	0.1	N.D.	N.D.	N.D.	1
Chrysene (CHR)		0.1	N.D.	N.D.	N.D.	1
Benzo[b]fluoranthene (BbFA)		0.1	N.D.	N.D.	N.D.	1
Benzo[k]fluoranthene (BkFA)		0.1	N.D.	N.D.	N.D.	1
Benzo[j]fluoranthene (BjFA)		0.1	N.D.	N.D.	N.D.	1
Benzo[a]pyrene (BaP)		0.1	N.D.	N.D.	N.D.	1
Benzo[e]pyrene(BeP)		0.1	N.D.	N.D.	N.D.	1
Dibenzo[a,h]anthracene (DBAhA)		0.1	N.D.	N.D.	N.D.	1
Sum of 8 PAHs		—	N.D.	N.D.	N.D.	/
Conclusion		/	Pass	Pass	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.

The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by AGC, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at <http://www.agc-cert.com>.



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.: AGC03778181201-001S1

Date: Dec.18, 2018

Page 5 of 13

3. Test result of phthalates content

Unit: %, w/w

Test Item(s)	Test Method/ Equipment	MDL	Result(s)			Limit
			1-2	1-3	1-4	
Dibutyl phthalate (DBP)	Refer to EN 14372:2004 GC-MS	0.01	N.D.	N.D.	N.D.	—
Butylbenzyl phthalate (BBP)		0.01	N.D.	N.D.	N.D.	
Di- (2-ethylhexyl) phthalate (DEHP)		0.01	N.D.	N.D.	0.03	
Sum of DBP+BBP+DEHP		—	N.D.	N.D.	0.03	0.1
Di-n-octyl phthalate (DNOP)		0.01	N.D.	N.D.	N.D.	—
Di-isononyl phthalate (DINP)		0.01	N.D.	N.D.	N.D.	
Di-isodecyl phthalate (DIDP)		0.01	N.D.	N.D.	N.D.	
Sum of DNOP+DINP+DIDP		—	N.D.	N.D.	N.D.	0.1
Conclusion		/	Pass	Pass	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

The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by AGC, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at <http://www.agc-cert.com>.



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.: AGC03778181201-001S1

Date: Dec.18, 2018

Page 6 of 13

4. Test result of Lead and Lead compounds content

Unit: mg/kg

Test item(s)	Test Method/ Equipment	MDL	Result(s)			Limit
			1-2	1-3	1-4	
Lead (Pb)	Refer to EPA 3052-1996& EPA 6010C-2007 ICP-OES	5	N.D.	N.D.	N.D.	500
Conclusion		/	Pass	Pass	Pass	/

Unit: mg/kg

Test item(s)	Test Method/ Equipment	MDL	Result(s)	Limit
			1-1	
Lead (Pb)	Refer to EPA 3050B-1996& EPA 6010C-2007 ICP-OES	5	97	500
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

The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by AGC, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at <http://www.agc-cert.com>.


AGC

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.: AGC03778181201-001S1

Date: Dec.18, 2018

Page 7 of 13

5. Test Result(s) of AZO:

Unit: mg/kg

Test Item(s)	Test Method/ Equipment	MDL	Result(s)	Limit
			1-5	
4-Aminobiphenyl	Refer to EN ISO 14362-1:2017 EN ISO 14362-3:2017 GC-MS	5	N.D.	30
Benzidine		5	N.D.	30
4-Chloro-o-Toluidine		5	N.D.	30
2-Naphthylamine		5	N.D.	30
o-Aminoazotoluene		5	N.D.	30
5-Nitro-o-toluidine		5	N.D.	30
4-Chloroaniline		5	N.D.	30
4-Methoxy-m-phenylenediamine		5	N.D.	30
4,4'-Diaminodiphenylmethane		5	N.D.	30
3,3'-Dichlorobenzidine		5	N.D.	30
3,3'-Dimethoxybenzidine		5	N.D.	30
3,3'-Dimethybenzidine		5	N.D.	30
4,4'-Methylenedi-o-toluidine		5	N.D.	30
p-Cresidine		5	N.D.	30
4,4'-Methylene-bis-(2-chloro-aniline)		5	N.D.	30
4,4'-Oxydianiline		5	N.D.	30
4,4'-Thiodianiline		5	N.D.	30
o-Toluidine		5	N.D.	30
4-Methyl-m-phenylenediamine		5	N.D.	30
2,4,5-Trimethylaniline		5	N.D.	30
o-Anisidine		5	N.D.	30
4-Amino azobenzene		5	N.D.	30
2,4-Xylidine		5	N.D.	30
2,6-Xylidine		5	N.D.	30
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
 4. The EN ISO 14362-1:2017 methods will enable further cleavage of 4-aminoazobenzene to non-forbidden amines: aniline and 1,4-phenylenediamine, therefore, the test method of EN ISO 14362-3:2017 was employed to verify the presence of 4-aminoazobenzene

The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by AGC, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at <http://www.agc-cert.com>.



Test Report

Report No.: AGC03778181201-001S1

Date: Dec.18, 2018

Page 8 of 13

6. Test Result(s) of Nickel (Ni) release

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

Test Item(s)	Test Method/equipment	MDL	Result(s)		
			1-1-A	1-1-B	1-1-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

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

Test Item(s)	Test Method/equipment	MDL	Result(s)		
			1-6-A	1-6-B	1-6-C
Nickel (Ni) release	Refer to EN 12472:2005+A1:2009 EN 1811:2011+A1:2015 ICP-OES	0.05	0.25	0.21	0.28
Conclusion		/	Pass	Pass	Pass

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

Test Item(s)	Test Method/equipment	MDL	Result(s)		
			1-7-A	1-7-B	1-7-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
4. As specified by client, only test the designated sample.

The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by AGC, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at <http://www.agc-cert.com>.



Test Report

Report No.: AGC03778181201-001S1

Date: Dec.18, 2018

Page 9 of 13

7. Test Results of Color fastness to rubbing

Item	Test method	Result		Client's requirement
		/	1-5	
Color fastness to rubbing (Grade)	ISO 105-X12-2016	wet	4-5	2-3
		dry	4-5	2-3
Conclusion		/	Pass	/

Note:

- Color fastness grade: grey scale (5 grade is good, 1 grade is bad).

Sample description:

1-1	Metal glasses silver frame
1-2	Plastic glasses lens silver sheet
1-3	Transparent nose pad
1-4	Black plastic
1-5	Rose red cloth bag
1-6	Metal glasses black frame
1-7	Metal glasses gold frame

The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by AGC, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at <http://www.agc-cert.com>.


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.: AGC03778181201-001S1

Date: Dec.18, 2018

Page 10 of 13

Sample Information

Model	Sample Name
MO9521-03	Stainless iron black color with silver mirror lens (black pouch)
MO9521-10	Stainless iron gold color with orange mirror lens(orange pouch)
MO9521-37	Stainless iron silver color with blue mirror lens (blue pouch)
MO9521-38	Stainless iron gold color with fuchsia mirror lens(fuchsia pouch)
MO9521-48	Stainless iron silver color with lime mirror lens(lime pouch)
MO9522-37	plastic royal blue color with silver mirror lens
MO9522-06	plastic white color with silver mirror lens
MO9522-03	plastic black color with silver mirror lens
MO9034-37	plastic bi-color outer in Black and inner in Blue with blue mirror lens
MO9034-05	plastic bi-color outer in Black and inner in Red with red mirror lens
MO9034-10	plastic bi-color outer in Black and inner in Orange with orange mirror lens
MO9034-48	plastic bi-color outer in Black and inner in Lime with lime mirror lens
MO9034-06	plastic bi-color outer in Black and inner in White with silver mirror lens
MO8652-09	plastic Transparent frosty white frame and green leg with lime mirror lens
MO8652-03	plastic Transparent frosty white frame and black leg with silver mirror lens
MO8652-04	plastic Transparent frosty white frame and blue leg with blue mirror lens
MO8652-05	plastic Transparent frosty white frame and red leg with red mirror lens
MO8652-10	plastic Transparent frosty white frame and orange leg with orange mirror lens
MO9022-40	plastic in wood pattern and matt finish with green mirror lens

The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by AGC, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at <http://www.agc-cert.com>.



Test Report

Report No.: AGC03778181201-001S1

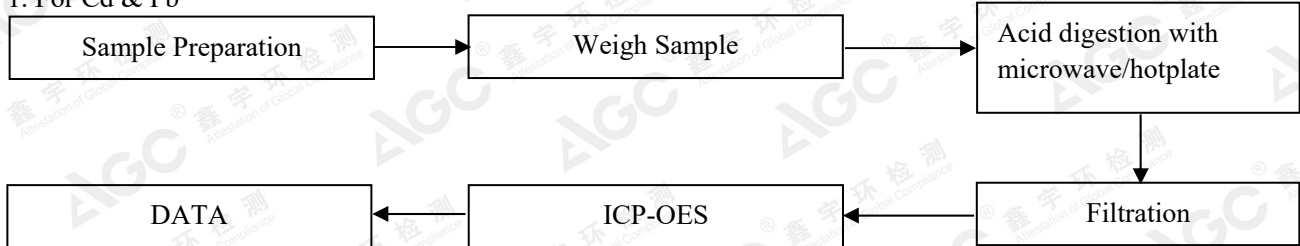
Date: Dec.18, 2018

Page 11 of 13

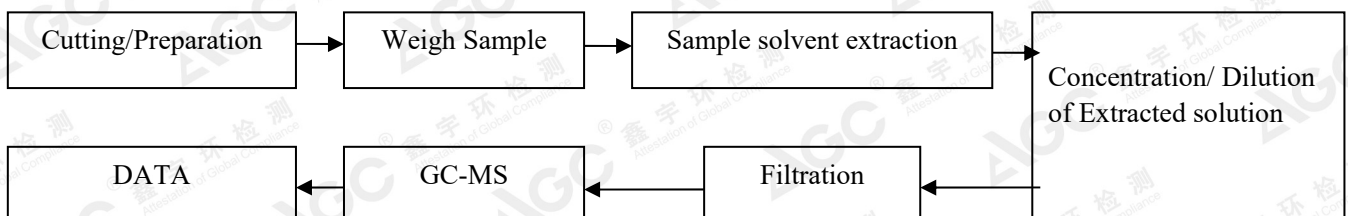
This report is to supersede the report with No.: AGC03778181201-001 dated on Dec.13, 2018.

Test Flow Chart

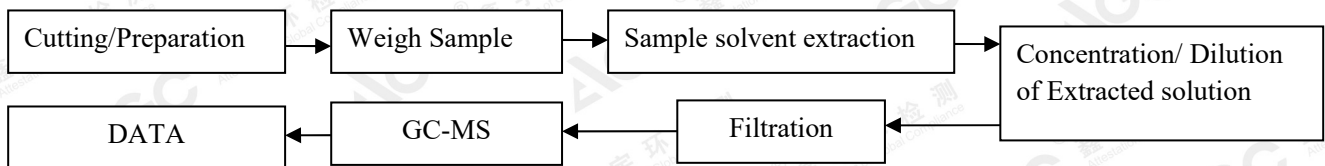
1. For Cd & Pb



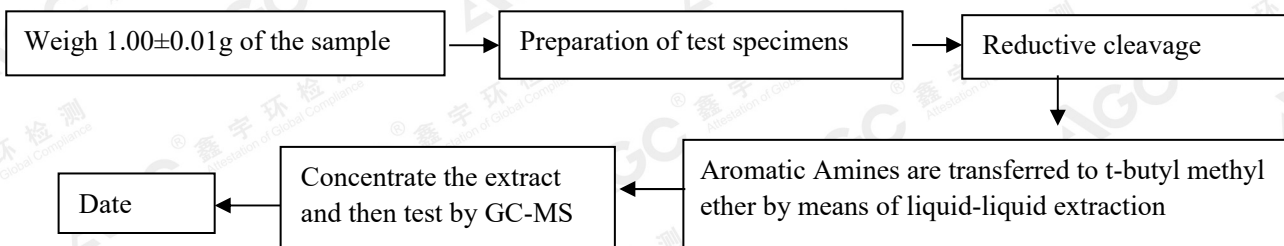
2. For PAHs



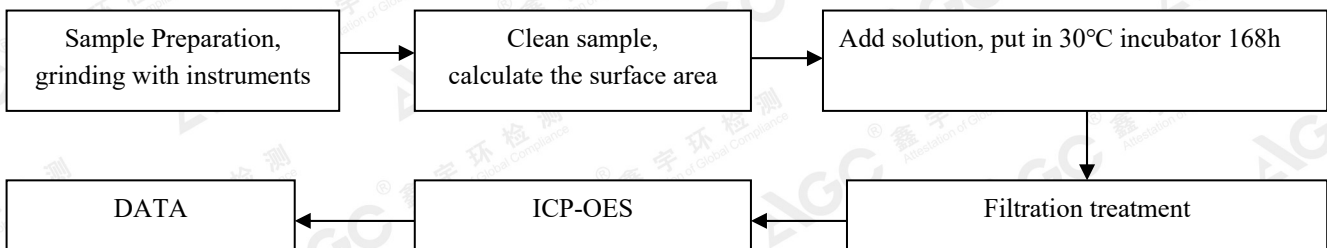
3. For phthalates



4. For AZO



5. For Ni release



The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by AGC, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at <http://www.agc-cert.com>.



Test Report

Report No.: AGC03778181201-001S1

Date: Dec.18, 2018

Page 12 of 13

The photo of the sample



The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by AGC, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at <http://www.agc-cert.com>.

Test Report

Report No.: AGC03778181201-001S1

Date: Dec.18, 2018

Page 13 of 13



AGC03778181201-001S1

AGC authenticate the photo on original report only

*** End of Report***

The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by AGC, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at <http://www.agc-cert.com>.

AGC

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