

Test Report

Report No.: A001R20161017040

Date: Oct.22, 2016

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Applicant: Mid Ocean Hong Kong Ltd.

Address: Unit 201, 2/F., Laford Centre, 838 Lai Chi Kok Road, Cheung Sha Wan, Kowloon, Hong Kong.

Report on the submitted sample(s) said to be:

Sample Name: Multi function knife

Model No: MO9057

Country of Origin: China

Country of Destination: Europe

Sample Received Date: Oct.17, 2016

Testing Period: Oct.17, 2016 to Oct.22,2016

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: Felix.Li

Liwenlong, Felix.Li

Test Engineer

Reviewed by: Jason

Jiangyuncheng, Jason

Laboratory Manager

Approved by: Lewis

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>.

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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.
- 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 phthalates content in the submitted sample(s) with reference to entry 51 & 52, Annex XVII of the REACH Regulation (EC) No 1907/2006 and Amendment Regulation (EC) No 552/2009.

Conclusion

Pass

Pass

Pass

Test Result(s):
1. Test Result(s) of Lead content:

Unit: mg/kg

Test item(s)	Test Method/ Equipment	MDL	Result(s)		Limit
			1-1	1-2	
Lead (Pb)	Refer to EPA 3052-1996& EPA 6010C-2007	5	N.D.	30	500
Conclusion	ICP-OES	/	Pass	Pass	/

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

2. Test Result(s) of Cadmium content:

Unit: mg/kg

Test item(s)	Test Method/ Equipment	MDL	Result(s)		Limit
			1-1	1-2	
Cadmium (Cd)	Refer to EN1122:2001	5	N.D.	12	100
Conclusion	ICP-OES	/	Pass	Pass	/

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

3. Test Result(s) of Phthalates content:

Unit: %,w/w

Test Item(s)	Test Method/ Equipment	MDL	Result(s)	Limit
			1-1	
Dibutyl phthalate (DBP)	Refer to EN 14372:2004 GC-MS	0.01	N.D.	-
Butylbenzyl phthalate (BBP)		0.01	N.D.	
Di- (2-ethylhexyl) phthalate (DEHP)		0.01	0.05	0.1
Sum of DBP+BBP+DEHP		-	0.05	
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:**
1. 0.1%,w/w =1000mg/kg
 2. MDL=method detection limit
 3. N.D.=not detected(less than method detection limit)
 4. "-" =Not regulated
 5. As specified by client, only test the designated sample.

Sample Description

1	Multi function knife
1-1	PU cover
1-2	Stainless

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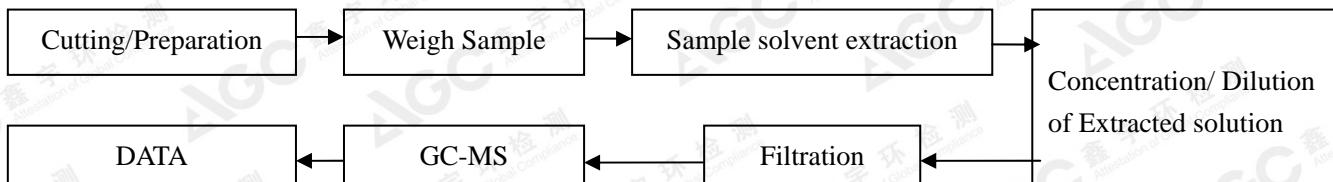
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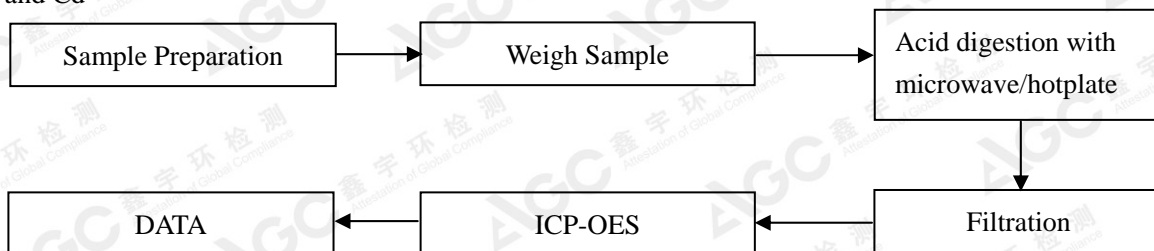
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Test Flow Chart

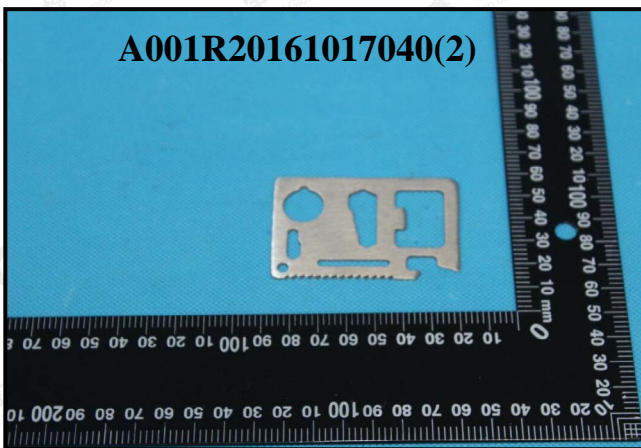
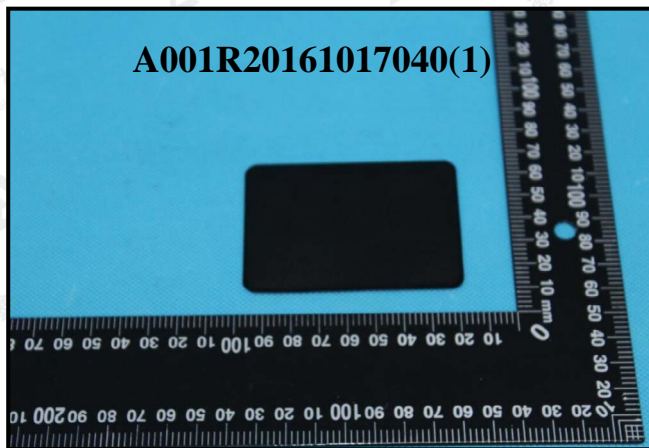
1. Phthalates



2. Pb and Cd



The photo of the sample



AGC authenticate the photo on original report only

*** End of Report ***

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