

Test Report

Report No.: A001R20170223029S1

Date: Apr.14, 2017

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Applicant: Mid Ocean Brands B.V.

Address: Hermesweg 9 3771 ND Barneveld, The Netherlands EORI-number: NL806979069

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

Sample Name : PLASTIC BALL PEN
Model : MO7793/MO8793
Item No. : PS01
Country of origin : China
Country of destination : Europe
Sample Receiving Date : Feb.23, 2017
Testing Period : Feb.23, 2017 to Apr.14, 2017

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: Leon

Suhongliang, Leon

Test Engineer

Reviewed by: Jason

Jiangyuncheng, Jason

Laboratory Manager



Approved by: Lewis

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 and Amendment Regulation (EU) No 836/2012.

Pass

2. 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.

Pass

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

Unit: mg/kg

Test item(s)	Test Method/ Equipment	MDL	Result(s)			Limit
			1	2	3	
Lead (Pb)	Refer to EPA 3052-1996 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
			4	5	6	
Lead (Pb)	Refer to EPA 3052-1996 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
			7	8	9	10	
Lead (Pb)	Refer to EPA 3052-1996 ICP-OES	5	N.D.	N.D.	N.D.	N.D.	500
Conclusion		/	Pass	Pass	Pass	Pass	/

Unit: mg/kg

Test item(s)	Test Method/ Equipment	MDL	Result(s)				Limit
			11	12	13	14*	
Lead (Pb)	Refer to EPA 3052-1996 ICP-OES	5	23	N.D.	N.D.	N.D.	500
Conclusion		/	Pass	Pass	Pass	Pass	/

- Note:**
1. MDL=Method Detection Limit
 2. N.D.=Not Detected(less than method detection limit)
 - 3.*= The result of wet sample.

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2. Test result of Cd content

Unit: mg/kg

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

Unit: mg/kg

Test item(s)	Test Method/ Equipment	MDL	Result(s)				Limit
			5	6	7	8	
Cadmium (Cd)	Refer to EN1122:2001	5	N.D.	N.D.	N.D.	N.D.	100
Conclusion	ICP-OES	/	Pass	Pass	Pass	Pass	/

Unit: mg/kg

Test item(s)	Test Method/ Equipment	MDL	Result(s)					Limit
			9	10	11	12	13	
Cadmium (Cd)	Refer to EN1122:2001	5	N.D.	N.D.	N.D.	N.D.	N.D.	100
Conclusion	ICP-OES	/	Pass	Pass	Pass	Pass	Pass	/

Note: 1. MDL=Method Detection Limit

2. N.D.=Not Detected(less than method detection limit)

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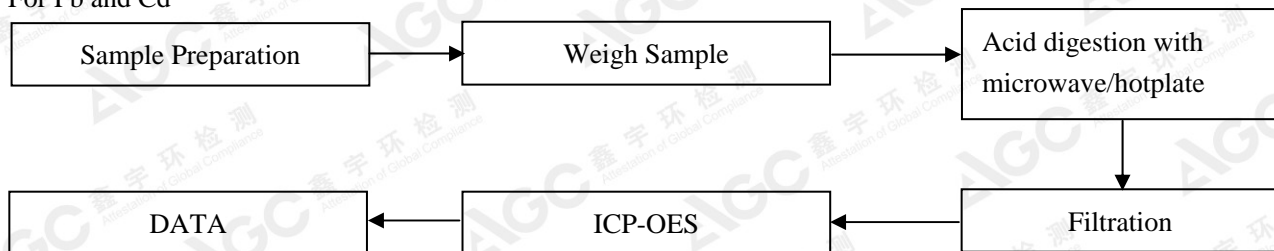
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Sample description:

1	Black plastic
2	Orange plastic
3	Red plastic
4	Light Blue plastic
5	Cobalt Blue plastic
6	Purple plastic
7	Light Green plastic
8	White plastic
9	Silver coating
10	Black material
11	Spring
12	White refill
13	Inner white plastic
14	Blue ink

Test Flow Chart

For Pb and Cd



As client's request, the Cadmium content test result(s) of this report No. A001R20170223029S1 are copied from the Cadmium content test result(s) of report No.A001R20160809005.

This report is to supersede the report with No.: A001R20170223029 dated on Mar.01, 2017.

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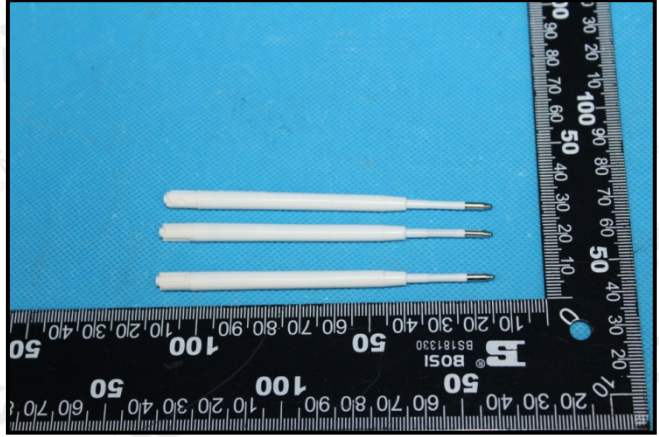
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The photo of the sample



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AGC authenticate the photo on original report only

*** End of Report***

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