



中国认可
国际互认
检测
TESTING
CNAS L6478



TEST REPORT

Report No. : WTF22F12262044A2C

Applicant : Mid Ocean Brands B.V.

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

Manufacturer : 107661

Sample Name : Refer to next page (s)

Sample Model : Refer to next page (s)

Test Requested : 1) Determination of Lead content in the submitted sample in
accordance with REACH regulation Annex XVII Entries
63 (EC) No. 1907/2006 and the amendment No.
836/2012 and (EU) 2015/628
2) Determination of Cadmium content in the submitted
sample in accordance with REACH regulation Annex XVII
Entries 23 (EC) No. 1907/2006 and the amendment No.
552/2009, No. 494/2011, No. 835/2012 and (EU)
2016/217

Test Conclusion : Refer to next page (s)

Date of Receipt sample : 2022-12-28 & 2023-01-10 & 2023-02-20

Testing period : 2022-12-28 ~ 2023-02-28

Date of Issue : 2023-02-28

Test Result : Refer to next page (s)

Note : As specified by client, only test the designated sample.

Prepared By:

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Signed for and on behalf of
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WT-510-201-15-A



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Specimen No.	Specimen Description	Sample Name	Sample Model
1	White plastic cover with silvery plating	Ball pen in giftbox, Pen and roller in paper box	KC6652, MO8216
2	Black coating		
3	Silvery metal part		
4	Silvery metal clip		
5	Silvery metal spring		
6	Silvery metal shell		
7	Blue ink		
8	Blue plastic cap		
9	Golden metal core		
10	Black ink		
11	Black plastic cap		
12	White plastic core		
13	Black plastic core		
14	Black ink		
15	Silvery metal shell		
16	Silvery metal barrel		
17	Silvery metal spring		

Sample photo:





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Test Results:

1) Lead (Pb)

Test Method: With reference to IEC 62321-5:2013, the analysis was performed by ICP-OES.

Test Item	LOQ (mg/kg)	Results (mg/kg)			Limit (mg/kg)
		No.1	No.2	No.3	
Lead(Pb)	2	ND	ND	ND	500
Conclusion	--	Pass	Pass	Pass	--

Test Item	LOQ (mg/kg)	Results (mg/kg)		Limit (mg/kg)
		No.4+No.5+No.6	No.7+No.10+No.14	
Lead(Pb)	2	ND*	ND*	500
Conclusion	--	Pass	Pass	--

Test Item	LOQ (mg/kg)	Results (mg/kg)		Limit (mg/kg)
		No.8+No.11+No.13	No.9	
Lead(Pb)	2	ND*	ND	500
Conclusion	--	Pass	Pass	--

Test Item	LOQ (mg/kg)	Results (mg/kg)			Limit (mg/kg)
		No.12	No.15+No.17	No.16	
Lead(Pb)	2	ND	ND*	ND	500
Conclusion	--	Pass	Pass	Pass	--

Note:

- (1) mg/kg = milligram per kilogram
- (2) ND = Not Detected (lower than LOQ)
- (3) LOQ = Limit of quantitation
- (4) Limit of Lead was quoted from REACH regulation Annex XVII Item 63 (EC) No. 1907/2006 and the amendment No. 836/2012 and (EU) 2015/628.
- (5) "*" = Results are calculated by the minimum weight of mixed components.
- (6) The test sample of specimen No.4, No.5 and No.6 are received on the date of 2023-02-20.



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2) Cadmium (Cd)

Test Method: With reference to IEC 62321-5:2013, the analysis was performed by ICP-OES.

Test Item	LOQ (mg/kg)	Results (mg/kg)	
		No.2	No.7+No.10+No.14
Cadmium(Cd)	2	ND	ND*
Conclusion	--	Pass	Pass

Test Item	LOQ (mg/kg)	Results (mg/kg)	
		No.8+No.11+No.13	No.12
Cadmium(Cd)	2	ND*	ND
Conclusion	--	Pass	Pass

Note:

- (1) mg/kg = milligram per kilogram
- (2) ND = Not Detected (lower than LOQ)
- (3) LOQ = Limit of quantitation
- (4) Limit of Cadmium according to REACH regulation Annex XVII Item 23 (EC) No. 1907/2006 and the amendment No. 552/2009, No. 494/2011 and No. 835/2012 and (EU) 2016/217.

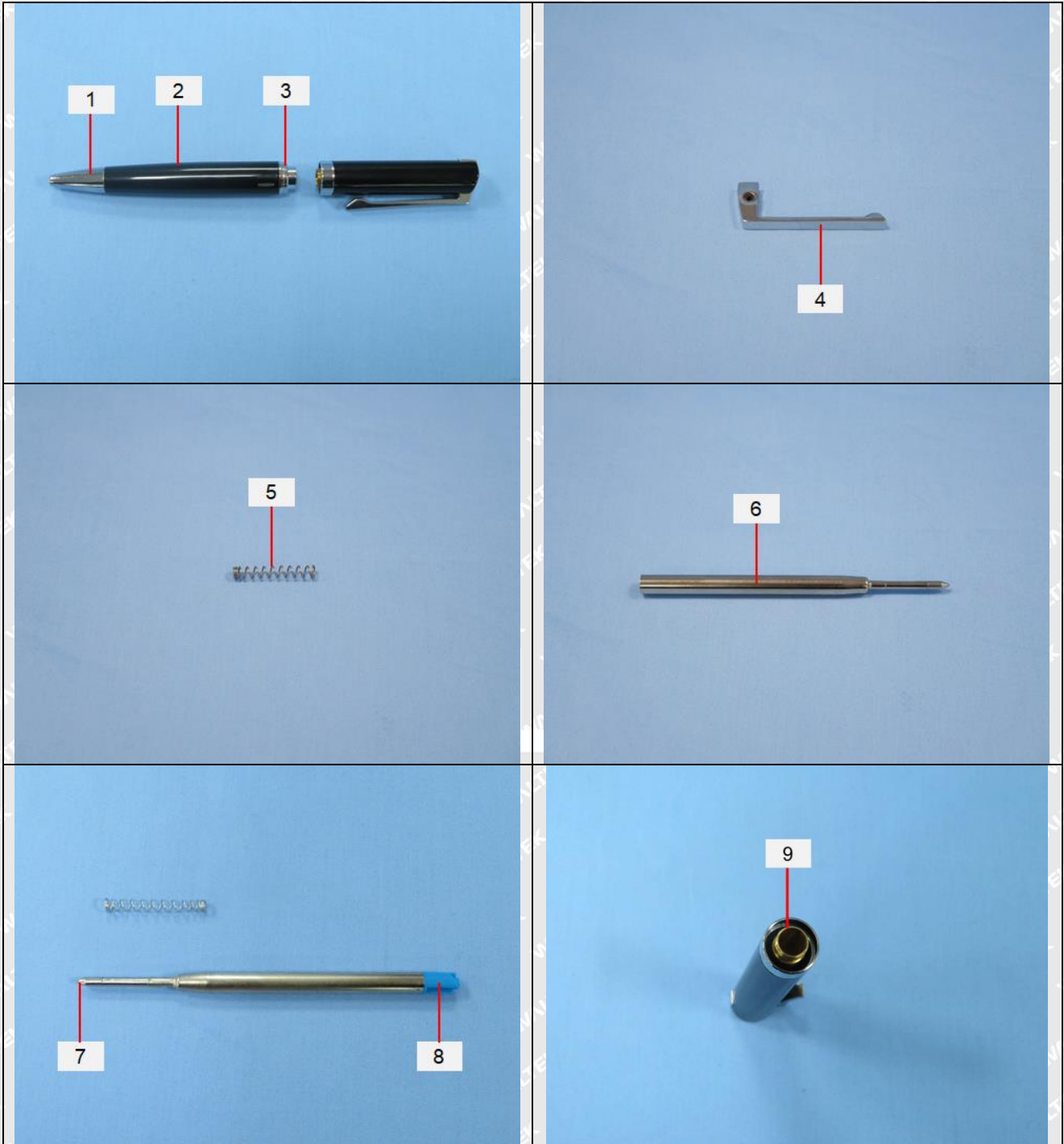
Category	Limit (mg/kg)
Wet paint	100
Surface coating	1000
Plastic	100
Metal parts of jewellery and hair accessories	100

- (5) “**” = Results are calculated by the minimum weight of mixed components.



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Photograph of parts tested:





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Remarks:

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===== End of Report =====

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