



中国认可
国际互认
检测
TESTING
CNAS L6478



TEST REPORT

Report No. : WTF22F10204602C

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 : Metal ball pen in box

Sample Model : IT3350

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 : 2022-10-14

Testing period : 2022-10-14 to 2022-10-20

Date of Issue : 2022-10-21

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
Waltek Testing Group (Foshan) Co., Ltd.

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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+No.4	
Lead(Pb)	2	ND	42*	500
Conclusion	--	Pass	Pass	--

Test Item	LOQ (mg/kg)	Results (mg/kg)		Limit (mg/kg)
		No.5+No.6+No.9	No.7	
Lead(Pb)	2	52*	ND	500
Conclusion	--	Pass	Pass	--

Test Item	LOQ (mg/kg)	Results (mg/kg)		Limit (mg/kg)
		No.8	No.10	
Lead(Pb)	2	ND	28	500
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 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.



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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.1	No.7	No.8
Cadmium(Cd)	2	ND	ND	ND
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 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

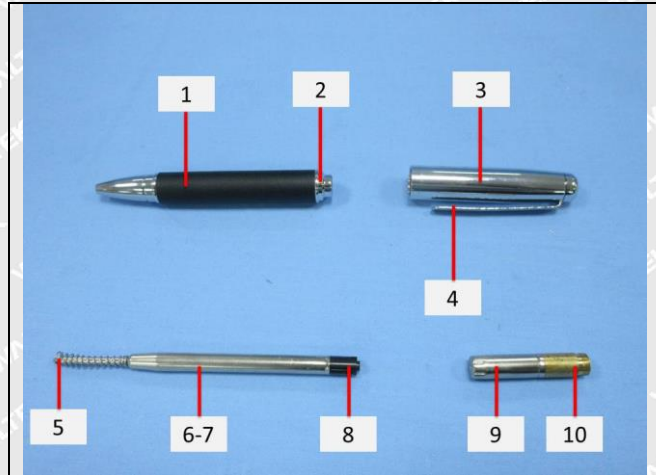
Description for Specimen:

Specimen No.	Specimen Description
1	Black synthetic leather
2	Coppery metal barrel with silvery plating
3	Coppery metal barrel with silvery plating
4	Silvery metal sheet
5	Silvery metal spring
6	Silvery metal refill
7	Black ink
8	Black plastic cap
9	Silvery metal cap
10	Golden metal cap



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Photograph of parts tested:



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Remarks:

1. The results shown in this test report refer only to the sample(s) tested;
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6. The sample material information (Model No. information) is provided by client, not verified by test laboratory. The samples of reference Model No. are not tested. Test laboratory not responsible for the accuracy, appropriateness, completeness and authenticity of the information provided by client.

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

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