



中国认可  
国际互认  
检测  
TESTING  
CNAS L6478



# TEST REPORT

Report No. .... : WTF22F05090627C  
 Applicant ..... : Mid Ocean Brands B.V.  
 Address ..... : 7/F., Kings Tower, 111 King Lam Street, Cheung Sha Wan,  
 Kowloon, Hong Kong  
 Manufacturer ..... : 104901  
 Sample Name ..... : Push ballpen in wheat-straw-PP material  
 Sample Model ..... : MO9614  
 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 ..... : 2022-05-10  
 Testing period ..... : 2022-05-10 to 2022-05-16  
 Date of Issue ..... : 2022-05-17  
 Test Result ..... : Refer to next page (s)  
 Note ..... : As specified by client, only test the designated sample.

Prepared By:

**Waltek Testing Group (Foshan) Co., Ltd.**

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Signed for and on behalf of  
 Waltek Testing Group (Foshan) Co., Ltd.

*Swing Liang*

Swing.Liang



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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.3+No.4	No.2+No.5+No.6	
Lead(Pb)	2	ND*	ND*	500
<b>Conclusion</b>	--	<b>Pass</b>	<b>Pass</b>	--

Test Item	LOQ (mg/kg)	Results (mg/kg)			Limit (mg/kg)
		No.7+No.8	No.9	No.10	
Lead(Pb)	2	ND*	ND	ND	500
<b>Conclusion</b>	--	<b>Pass</b>	<b>Pass</b>	<b>Pass</b>	--

**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.3+No.4	No.2+No.5+No.6
Cadmium(Cd)	2	ND*	ND*
<b>Conclusion</b>	--	<b>Pass</b>	<b>Pass</b>

Test Item	LOQ (mg/kg)	Results (mg/kg)	
		No.7+No.8	No.9
Cadmium(Cd)	2	ND*	ND
<b>Conclusion</b>	--	<b>Pass</b>	<b>Pass</b>

### 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.

### Description for Specimen:

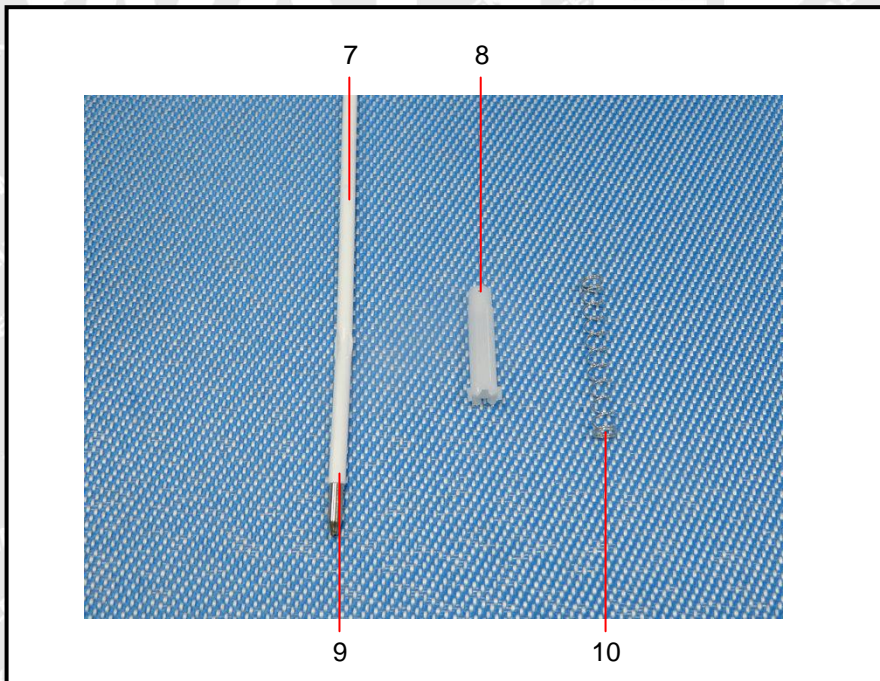
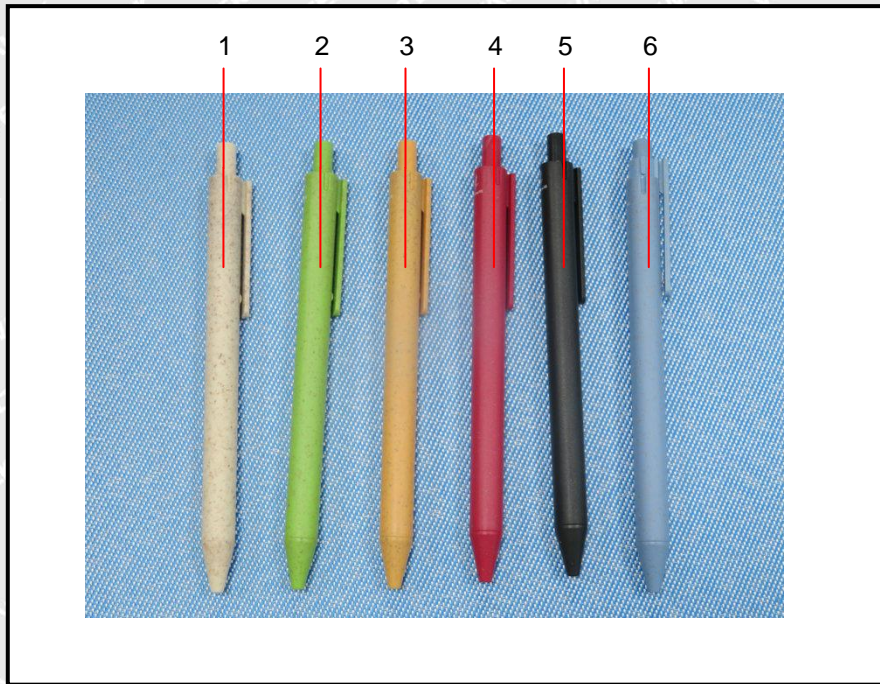
- No.1: Light grey plastic shell
- No.2: Green plastic shell
- No.3: Beige plastic shell
- No.4: Red plastic shell
- No.5: Black plastic shell
- No.6: Blue plastic shell
- No.7: White plastic core
- No.8: White semi-transparent plastic cap
- No.9: Blue ink
- No.10: Silvery metal spring





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Photograph of parts tested:





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Remarks:

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

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