



中国认可
国际互认
检测
TESTING
CNAS L6478



TEST REPORT

Report No. : WTF22F10210931C
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 : 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 : 2022-10-24
Testing period : 2022-10-24 to 2022-10-28
Date of Issue : 2022-10-31
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.

Swing.Liang



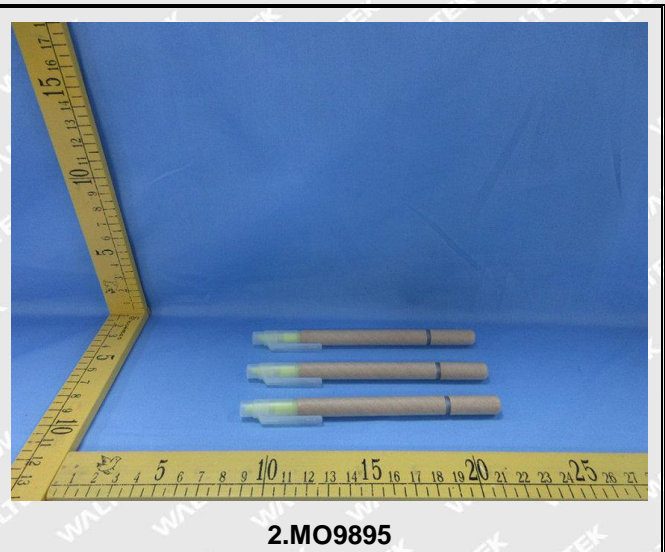
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Specimen No.	Specimen Description	Sample Name	Sample Model
1	Light silvery plastic cap	Twist and touch ball pen	MO7942
2	Light silvery ring		
3	Light silvery plastic ring		
4	Black plastic barrel		
5	Black soft plastic cap		
6	Silvery coating		
7	Light silvery metal clip		
8	Silvery metal spring		
9	White plastic cap		
10	White plastic refill		
11	Blue ink		
12	Brown paper barrel	2 in 1 carton barrel ball pen	MO9895
13	Yellow pen point		
14	White semi-transparent plastic barrel		
15	White semi-transparent plastic barrel		
16	White semi-transparent plastic cap		
17	Black plastic barrel		

Sample photo:



1.MO7942



2.MO9895



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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+No.17	No.5	
Lead(Pb)	2	235*	ND*	ND	500
Conclusion	--	Pass	Pass	Pass	--

Test Item	LOQ (mg/kg)	Results (mg/kg)			Limit (mg/kg)
		No.6	No.7+No.8	No.9	
Lead(Pb)	2	ND	ND*	ND	500
Conclusion	--	Pass	Pass	Pass	--

Test Item	LOQ (mg/kg)	Results (mg/kg)			Limit (mg/kg)
		No.10	No.11	No.12	
Lead(Pb)	2	ND	ND	ND	500
Conclusion	--	Pass	Pass	Pass	--

Test Item	LOQ (mg/kg)	Results (mg/kg)		Limit (mg/kg)
		No.13	No.14+No.15+No.16	
Lead(Pb)	2	ND	ND*	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.2+No.3	No.4+No.17	No.5
Cadmium(Cd)	2	ND*	ND*	ND
Conclusion	--	Pass	Pass	Pass

Test Item	LOQ (mg/kg)	Results (mg/kg)		
		No.6	No.9	No.10
Cadmium(Cd)	2	ND	ND	ND
Conclusion	--	Pass	Pass	Pass

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

Test Item	LOQ (mg/kg)	Results (mg/kg)
		No.14+No.15+No.16
Cadmium(Cd)	2	ND*
Conclusion	--	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.

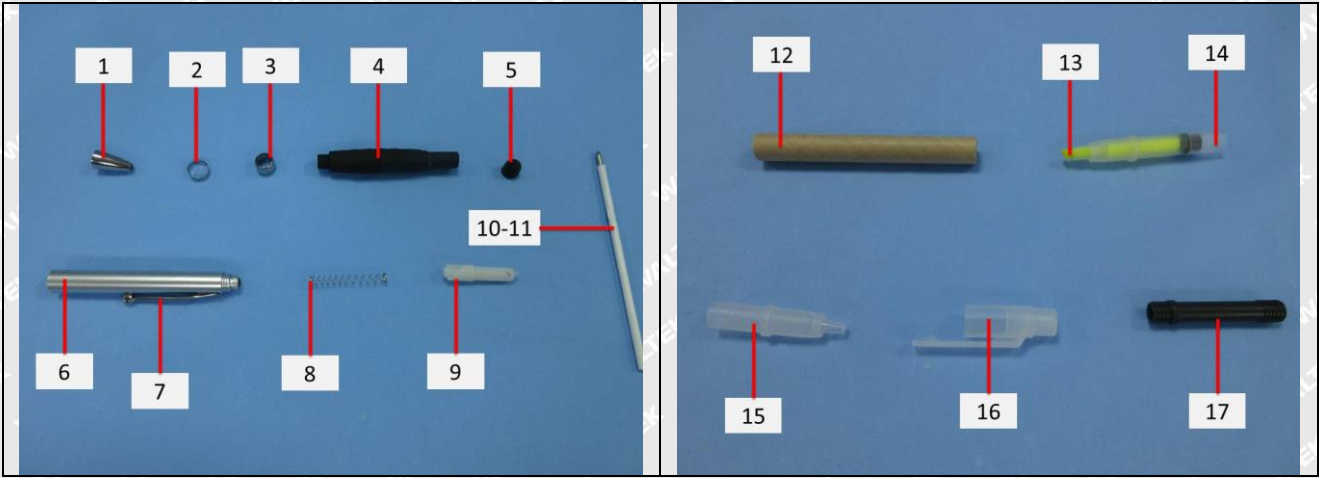
Category	Limit (mg/kg)
Wet paint	100
Surface coating	1000
Plastic	100
Metal parts of jewellery and hair accessories	100

- (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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