中国认可
国际互认
检测
TESTING
CNAS L6478

TEST REPORT

Reference No.	:	WTF19F04019410X1C
Applicant	:	Mid Ocean Brands B.V.
Address	:	7/F., Kings Tower, 111 King Lam Street, Cheung Sha Wan, Kowloon, Hong Kong
Manufacturer	:	112530
Sample Name	:	Aluminium stylus pen
Model No.	:	MO9393
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 Method	:	Please refer to next page (s)
Test Conclusion	:	Please refer to next page (s)
Date of Receipt sample	:	2019-04-01
Date of Test	:	2019-04-01 to 2019-04-08
Date of Issue	:	2019-04-09
Test Result	:	Please refer to next page (s)
Note	:	This report is based on Waltek test report WTF19F04019410C for revising, and replaced report WTF19F04019410C.

Remarks:

The results shown in this test report refer only to the sample(s) tested, this test report cannot be reproduced, except in full, without prior written permission of the company. The report would be invalid without specific stamp of test institute and the signatures of reporter and reviewer.

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Approved by: Dino Zhang

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Test Result:

1) Lead (Pb)

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

Test Item	MDL (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	MDL (mg/kg)	Results (mg/kg)			Limit (mg/kg)
		No.4	No.5	No.6	
Lead(Pb)	2	ND	ND	ND	500
Conclusion	--	**Pass**	**Pass**	**Pass**	--

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

Test Item	MDL (mg/kg)	Results (mg/kg)			Limit (mg/kg)
		No.11	No.12	No.13	
Lead(Pb)	2	ND	ND	ND	500
Conclusion	--	**Pass**	**Pass**	**Pass**	--

Note:

(1) mg/kg = milligram per kilogram

(2) ND = Not Detected (lower than MDL)

(3) MDL = Method Detection Limit

(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.

2) Cadmium (Cd)

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

Test Item	MDL (mg/kg)	Results (mg/kg)			
		No.1	No.2	No.3	No.5
Cadmium(Cd)	2	ND	ND	ND	ND
Conclusion	--	**Pass**	**Pass**	**Pass**	**Pass**

Test Item	MDL (mg/kg)	Results (mg/kg)			
		No.6	No.7	No.8	No.10
Cadmium(Cd)	2	ND	ND	ND	ND
Conclusion	--	**Pass**	**Pass**	**Pass**	**Pass**

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

Note:

(1) mg/kg = milligram per kilogram

(2) ND = Not Detected (lower than MDL)

(3) MDL = Method Detection Limit

(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.

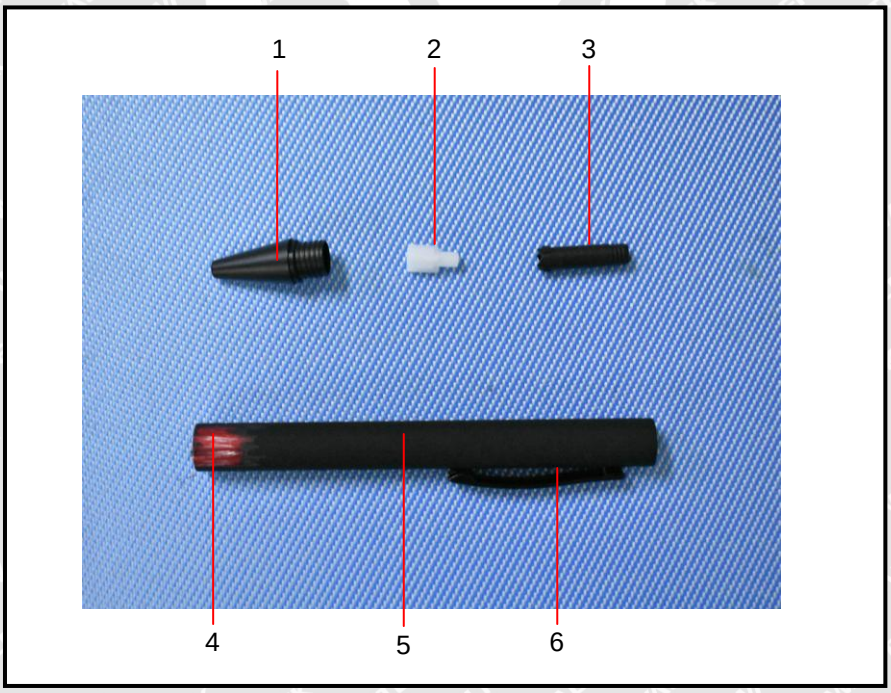
Category	Limit (mg/kg)
Wet paint	100
Surface coating	1000
Plastic	100
Metal parts of jewellery and hair accessories	100

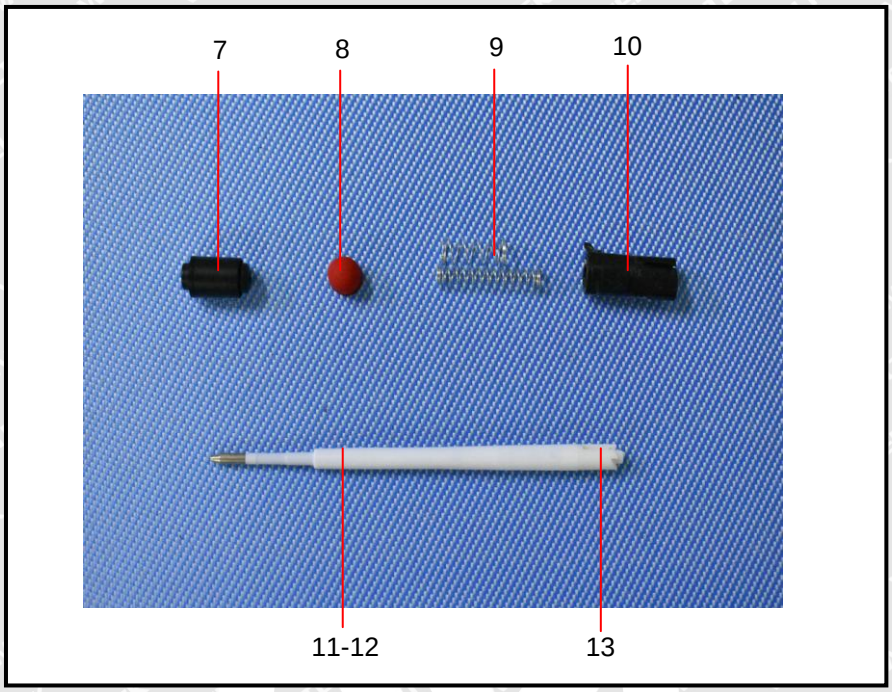
Test Specimen Description:

No.1: White plastic cap with black coating
No.2: White plastic stopper
No.3: Black plastic stopper
No.4: Red metal sleeve without black coating
No.5: Black coating
No.6: Silvery metal clip with black coating
No.7: Black plastic end
No.8: Red rubber cap
No.9: Silvery metal spring
No.10: Black plastic sleeve
No.11: Blue ink
No.12: White plastic refill
No.13: White plastic end of refill

Sample photo:

Photographs of parts tested:





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