TEST REPORT

Reference No.	:	WTF21F08080257C
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	:	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	:	2021-08-06
Date of Test	:	2021-08-06 to 2021-08-13
Date of Issue	:	2021-08-13
Test Result	:	Please refer to next page (s)
Note	:	As specified by client, only test the designated sample.

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 compiler and approver.

If the report is not stamped with the accreditation recognized seal, it will only be used for scientific research, education, and internal quality control activities, and is not used for the purpose of issuing supporting data to the society.

Prepared By:
Waltek Testing Group (Foshan) Co., Ltd.
Address: No.13-19, 2/F., 2nd Building, Sunlink International Machinery City,
Chencun, Shunde District, Foshan, Guangdong, China
Tel:+86-757-23811398   Fax:+86-757-23811381   E-mail:info@waltek.com.cn

Compiled by: Approved by:

Rena.Chen / Project Engineer   Swing.Liang / Technical Manager

Test Result:

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.4**	**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.5+No.6+No.7	**No.8**	
Lead(Pb)	2	ND*	ND	500
Conclusion	--	**Pass**	**Pass**	--

Test Item	LOQ (mg/kg)	Results (mg/kg)			Limit (mg/kg)
		No.9	**No.10**	**No.11**	
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.

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.4**
Cadmium(Cd)	2	ND	ND*
Conclusion	**--**	**Pass**	**Pass**

Test Item	LOQ (mg/kg)	Results (mg/kg)		
		No.5+No.6+No.7	**No.9**	**No.10**
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

(5) "*" = Results are calculated by the minimum weight of mixed components.
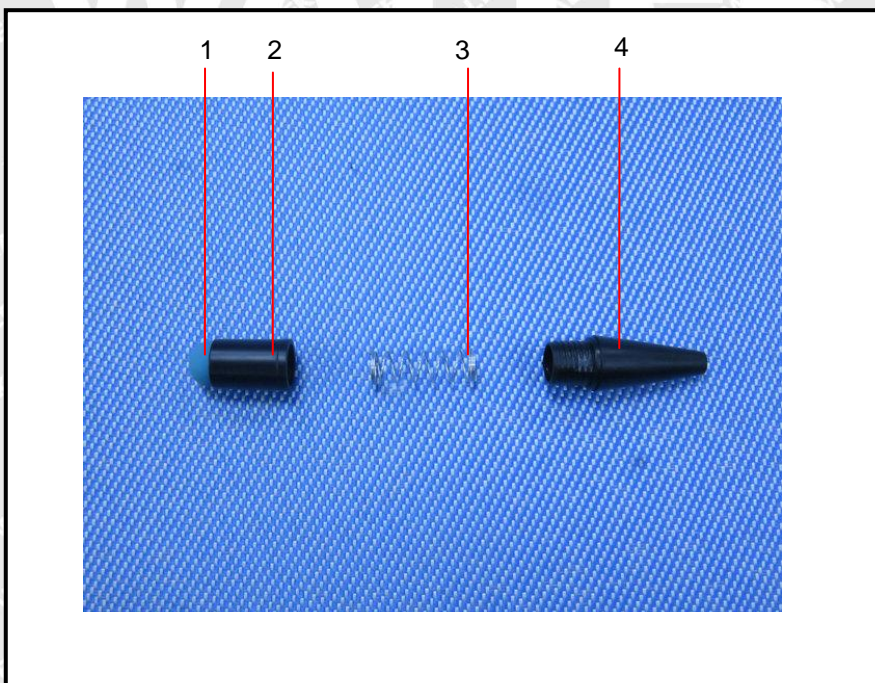
Test Specimen Description:

No.1: Blue rubber cap

No.2: Black plastic shell

No.3: Silvery metal spring

No.4: Black plastic shell

No.5: White plastic shell

No.6: White plastic refill

No.7: White plastic refill

No.8: Blue ink

No.9: Silvery metal clip with black plating

No.10: Black coating

No.11: Blue metal barrel without black coating

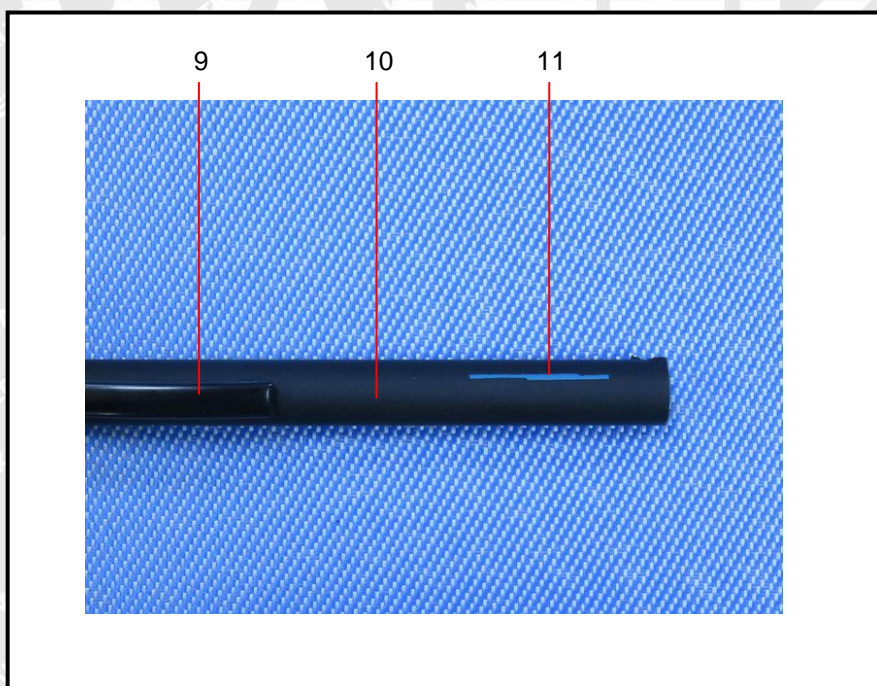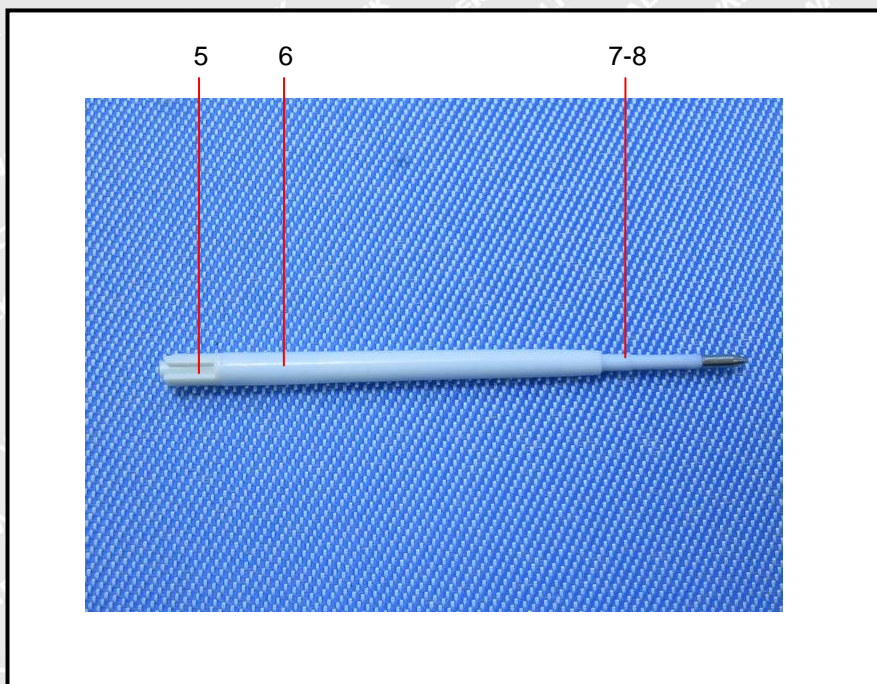Waltek Testing Group (Foshan) Co., Ltd.
http://www.waltek.com.cn

Sample photo:

Photographs of parts tested:

Waltek Testing Group (Foshan) Co., Ltd.
http://www.waltek.com.cn

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