



中国认可
国际互认
检测
TESTING
CNAS L6478



TEST REPORT

Reference No. : WTF18F06114619C
Applicant : Mid Ocean Brands B.V.
Address : Unit 201 2/F., Laford Centre, 838 Lai Chi Kok Road, Cheung Sha Wan, Kowloon, Hong Kong.
Manufacturer : 106613
Sample Name : Recycled notebook, Recycled notebook with pen
Model No. : MO7431, MO9213, KC7013
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 : 2018-06-12
Date of Test : 2018-06-12 to 2018-06-20
Date of Issue : 2018-06-21
Test Result : Please refer to next page (s)

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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**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.3 | No.2+No.4+No.15 | No.5+No.6+No.7 | |
| Lead(Pb) | 2 | ND* | 15* | ND* | 500 |
| Conclusion | -- | Pass | Pass | Pass | -- |

| Test Item | MDL (mg/kg) | Results (mg/kg) | | | Limit (mg/kg) |
|-------------------|----------------|-----------------|----------------------|-----------------------|------------------|
| | | No.8 | No.9+No.10+ No.11 | No.12+No.13+ No.14 | |
| Lead(Pb) | 2 | ND | ND* | ND* | 500 |
| Conclusion | -- | Pass | Pass | Pass | -- |

| Test Item | MDL (mg/kg) | Results (mg/kg) | | | Limit (mg/kg) |
|-------------------|----------------|-------------------|-------------|-------------|------------------|
| | | No.16+No.17+No.18 | No.19 | No.20+No.21 | |
| Lead(Pb) | 2 | ND* | ND | ND* | 500 |
| Conclusion | -- | Pass | Pass | Pass | -- |

| Test Item | MDL (mg/kg) | Results (mg/kg) | | Limit (mg/kg) |
|-------------------|----------------|-----------------|-------------|------------------|
| | | No.22+No.24 | No.23 | |
| Lead(Pb) | 2 | ND* | ND | 500 |
| 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 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) "*" = As per applicant's requirement, the testing was conducted based on mixed components, the test result is for reference only



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.16+No.17+No.18 |
| Cadmium(Cd) | 2 | ND | ND | ND* |
| Conclusion | -- | Pass | Pass | Pass |

| Test Item | MDL (mg/kg) | Results (mg/kg) | |
|-------------------|----------------|-----------------|-------------|
| | | No.20+No.21 | No.23 |
| 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 |

- (5) "*" = As per applicant's requirement, the testing was conducted based on mixed components, the test result is for reference only

Test Specimen Description:

- No.1: Black elastic band
- No.2: Brown paper cover with silvery coating
- No.3: Black nylon ribbon
- No.4: Beige paper
- No.5: Red paper card
- No.6: Blue paper card
- No.7: Black paper card
- No.8: Silvery metal rivet
- No.9: Light pink memo paper
- No.10: Deep pink memo paper
- No.11: Yellow pink memo paper
- No.12: Green pink memo paper
- No.13: Orange pink memo paper
- No.14: White paper with black printing
- No.15: Brown paper sleeve
- No.16: Red plastic cap
- No.17: Black plastic cap
- No.18: Blue plastic cap



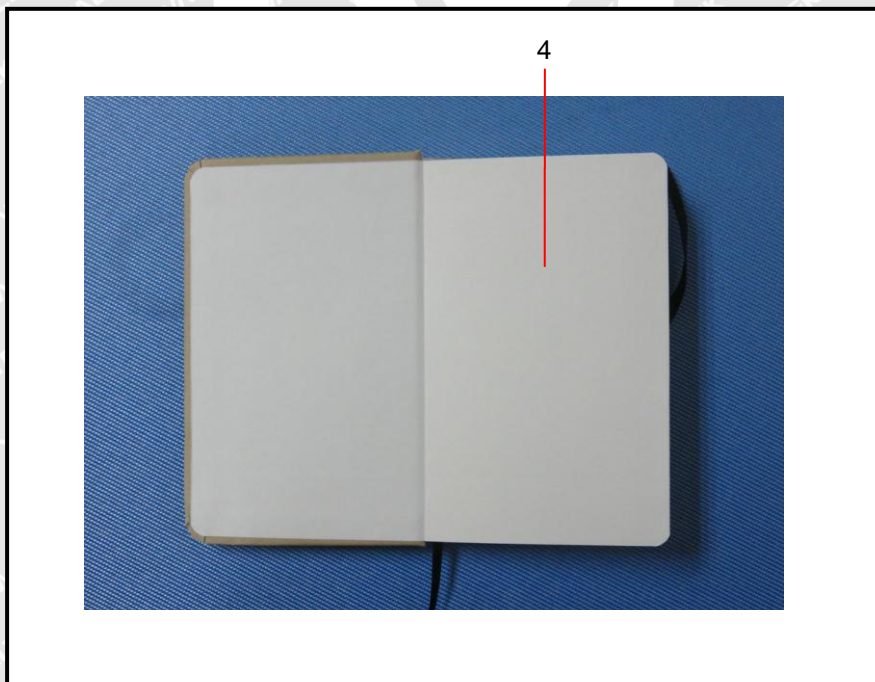
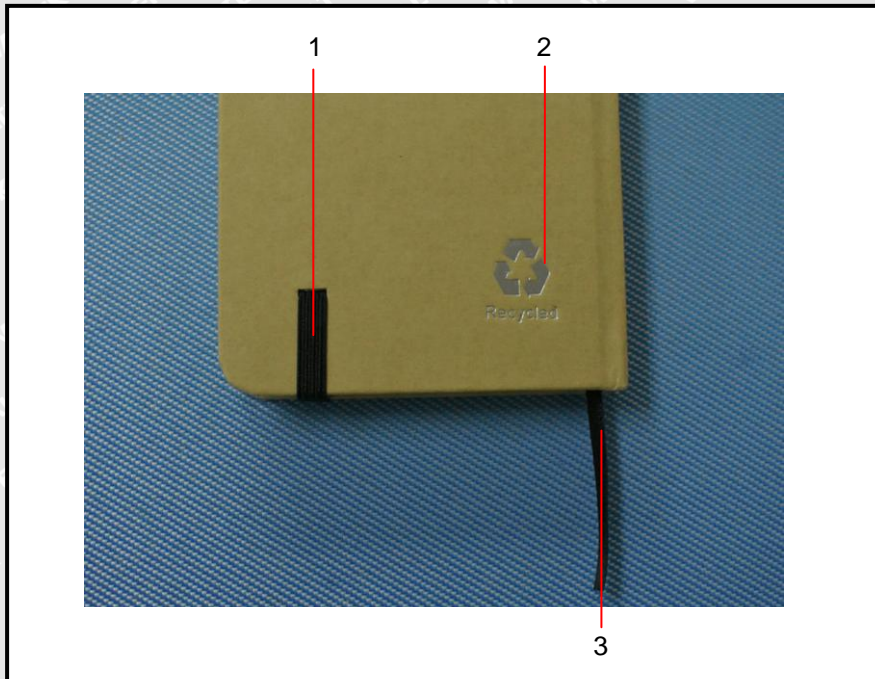
- No.19: Silvery metal spring
- No.20: Grey plastic inner
- No.21: White plastic refill
- No.22: Black ink
- No.23: Silvery metal spring with black coating
- No.24: Blue ink

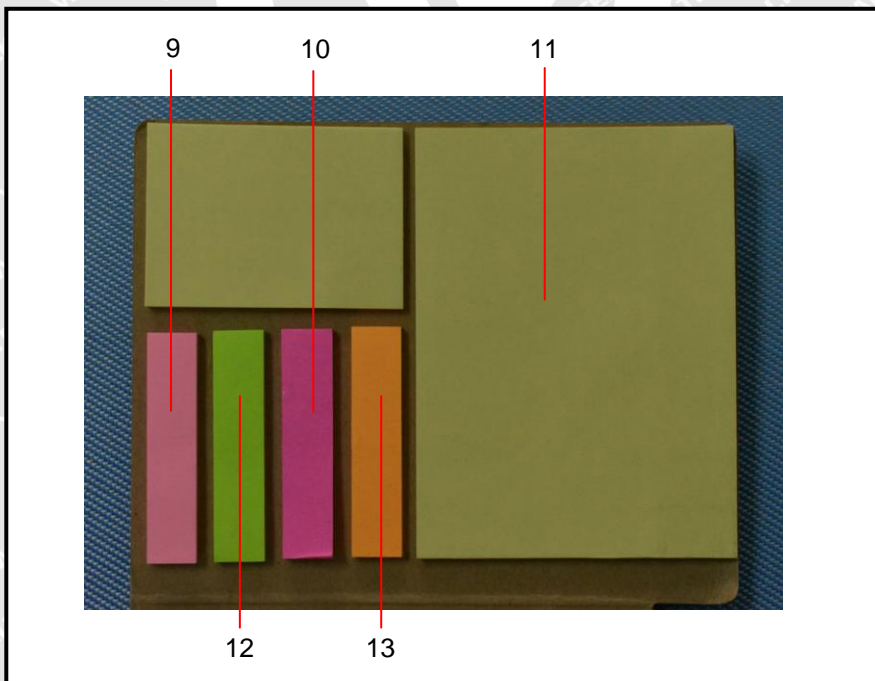
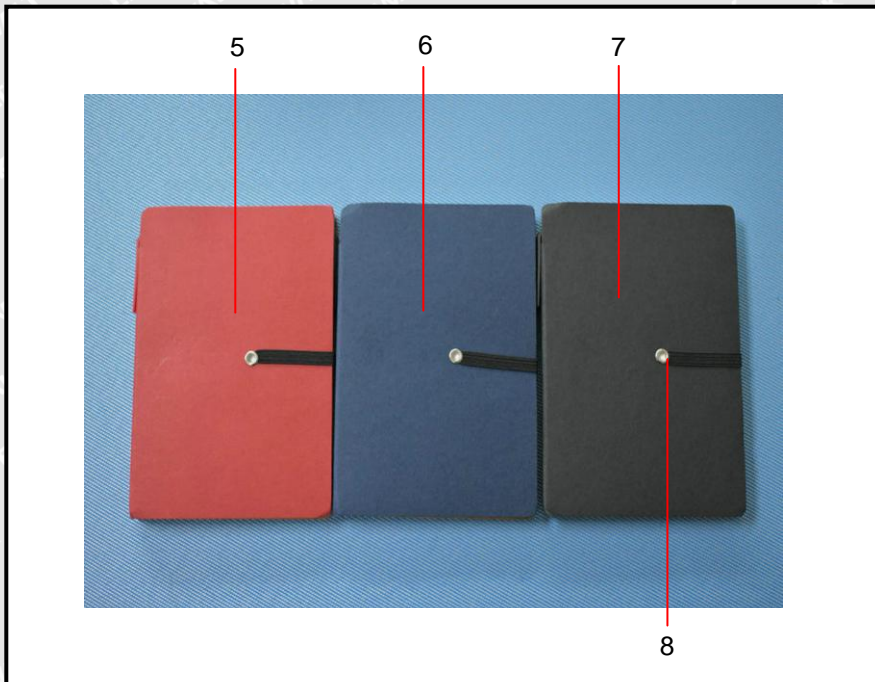
Sample photo:

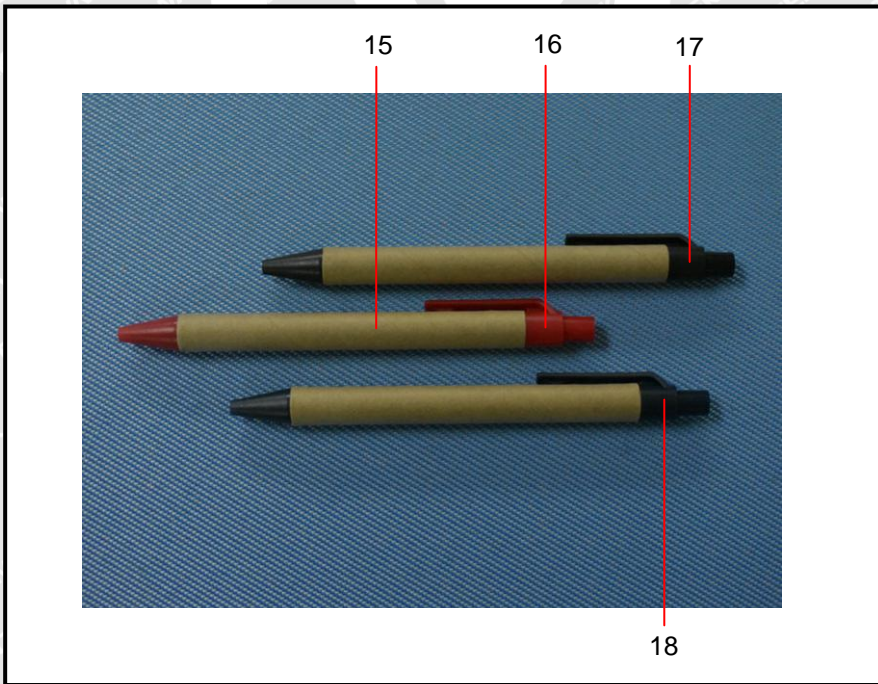
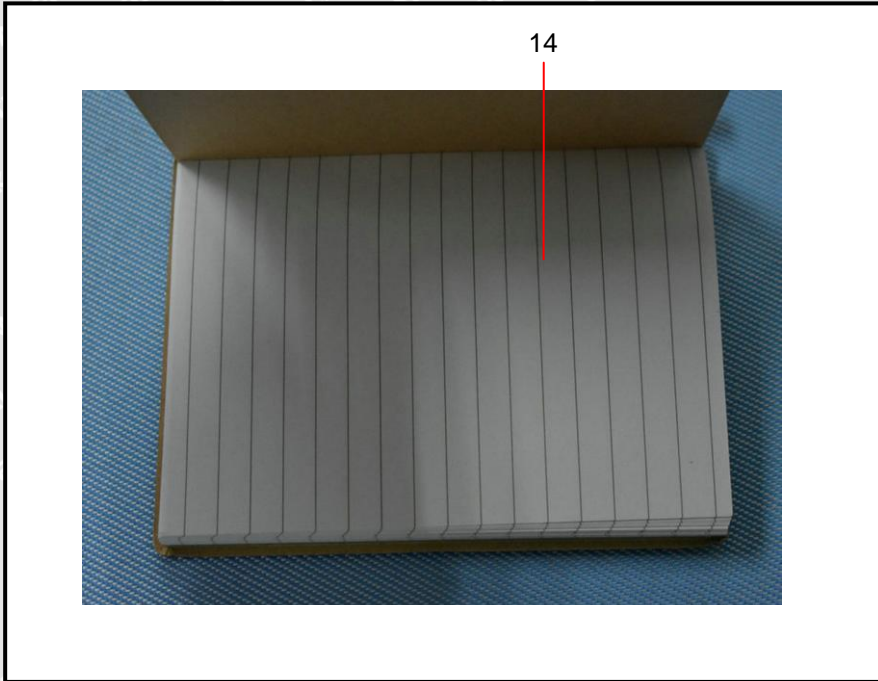


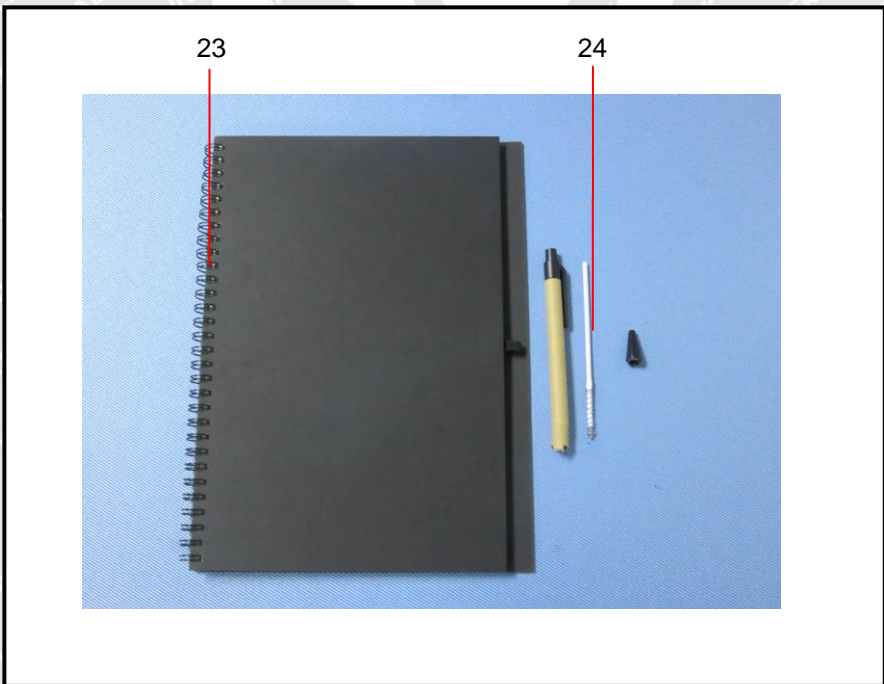
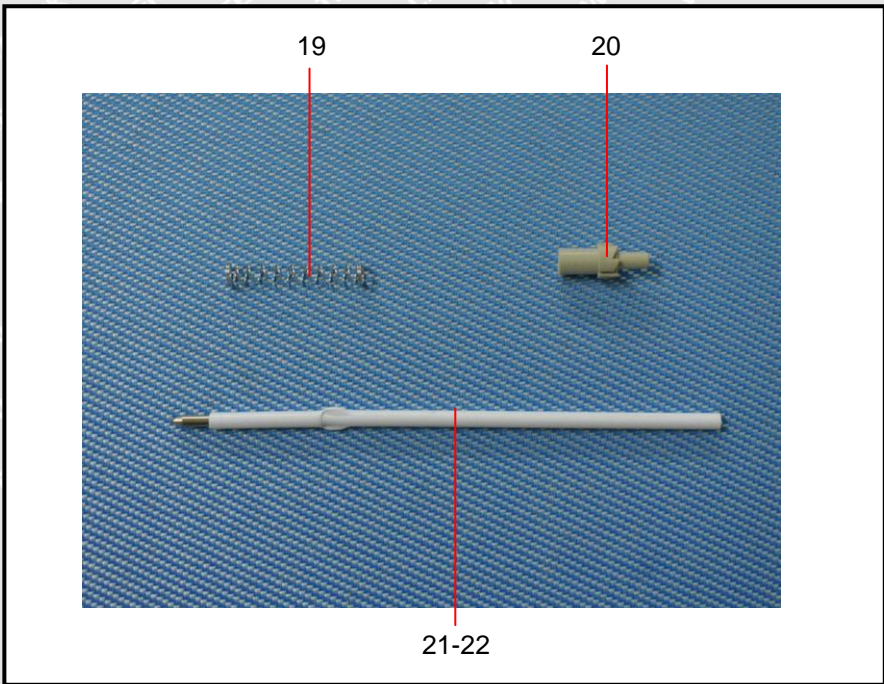


Photographs of parts tested:









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