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ilac-MRA

ANAB ACCREDITED ISO/IEC 17025 TESTING LABORATORY
AT-1500

# TEST REPORT

| | | | |
|---|---|---|---|
| Test Report # | 19H-002706 | Date of Report Issue: | May 6, 2019 |
| Date of Sample Received: | April 25, 2019 | Pages: | Page 1 of 8 |

**CLIENT INFORMATION:**

| | |
|---|---|
| Company: | BIC Graphic |
| Recipient: | 14421 Myerlake Circle<br>Clearwater<br>Florida<br>33760<br>United States (USA) |

**SAMPLE INFORMATION:**

| | | | |
|---|---|---|---|
| Description: | Souvenir® Augusta Highlighter-Pen Combo | | |
| Assortment: | - | Test Request Form No.: | 3037_HK |
| Item No.: | 55987 | Country of Origin: | China |
| Shipment Order No.: | PO 7070011 | Labeled Age Grade: | - |
| Country of Distribution: | United States, Canada | Recommended Age Grade: | - |
| Quantity Submitted: | 5 pcs per style | Tested Age Grade: | - |
| Testing Period: | 04/26/2019 – 05/02/2019 | | |

**OVERALL RESULT:** **PASS**

Refer to page 2 for test result summary and appropriate notes.

QIMA Testing (HK) Limited

Loska Yeung Lok Ka
Assistant Manager, Chemical Laboratory


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**TEST RESULTS SUMMARY:**

At the request of the client, the following tests were conducted:

| CONCLUSION | TEST(S) CONDUCTED |
|---|---|
| PASS | CPSIA Section 101 & 16 CFR 1303, Total Lead in Paints and Surface Coatings |
| PASS | California Proposition 65, Total Lead in Paints and Surface Coatings |
| PASS | California Proposition 65, Total Lead in Metal / Plastic / Textile |
| PASS | Canadian Toys Regulations SOR/2011-17 as Amended, Item 23 – Total Lead and Mercury in Paints and Surface Coatings |
| PASS | Canadian Consumer Products Containing Lead Regulations (SOR/2018-83), Total Lead Content |


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**DETAILED RESULTS:**

**CPSIA Section 101 & 16 CFR 1303, Total Lead in Paints and Surface Coatings**

Test Method: CPSC-CH-E-1003-09.1
Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

| Specimen No. | 1a | --- | --- | --- | --- | **Total Limit (ppm)** |
|---|---|---|---|---|---|---|
| Test Item | Result (ppm) | Result (ppm) | Result (ppm) | Result (ppm) | Result (ppm) | |
| Total Lead (Pb) | ND | --- | --- | --- | --- | **90** |
| **Conclusion** | PASS | --- | --- | --- | --- | |

*Note:*
ppm (Parts per million) = mg/kg (Milligrams per kilogram)
LT = Less than
ND = Not detected (Reporting Limit = 10 ppm)
Composite results are based on specimen of least mass resulting in highest potential concentration.

**SPECIMEN DESCRIPTION:**

| Specimen No. | Specimen Description | Location |
|---|---|---|
| 1a | Silvery coating | Silver ABS plastic barrel (all styles) |


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**DETAILED RESULTS:**

**California Proposition 65, Total Lead in Paints and Surface Coatings**

Test Method: CPSC-CH-E-1003-09.1
Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

| Specimen No. | 1a | --- | --- | --- | --- | **Total Limit (ppm)** |
|---|---|---|---|---|---|---|
| Test Item | Result (ppm) | Result (ppm) | Result (ppm) | Result (ppm) | Result (ppm) | |
| Total Lead (Pb) | ND | --- | --- | --- | --- | **90** |
| **Conclusion** | PASS | --- | --- | --- | --- | |

*Note:*
ppm (Parts per million) = mg/kg (Milligrams per kilogram)
LT = Less than
ND = Not detected (Reporting Limit = 10 ppm)
Composite results are based on specimen of least mass resulting in highest potential concentration.

*Remark:*
The specification is quoted from client's requirement.

**SPECIMEN DESCRIPTION:**

| Specimen No. | Specimen Description | Location |
|---|---|---|
| 1a | Silvery coating | Silver ABS plastic barrel (all styles) |


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**DETAILED RESULTS:**

**California Proposition 65, Total Lead in Metal / Plastic / Textile**

Test Method: CPSC-CH-E1001-08.3 (Metal), CPSC-CH-E1002-08.3 (Non-Metal)
Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

| Specimen No. | 1b | 2 | 3 | 4 | 5 | **Total Limit (ppm)** |
|---|---|---|---|---|---|---|
| Test Item | Result (ppm) | Result (ppm) | Result (ppm) | Result (ppm) | Result (ppm) | |
| Total Lead (Pb) | ND | ND | ND | ND | ND | **100** |
| **Conclusion** | PASS | PASS | PASS | PASS | PASS | |

*Note:*
ppm (Parts per million) = mg/kg (Milligrams per kilogram)
LT = Less than
ND = Not detected (Reporting Limit = 10 ppm)
Composite results are based on specimen of least mass resulting in highest potential concentration.

*Remark:*
The specification is quoted from client's requirement.

**SPECIMEN DESCRIPTION:**

| Specimen No. | Specimen Description | Location |
|---|---|---|
| 1b | Grey plastic | Silver ABS plastic barrel (all styles) |
| 2 | Blue plastic | Blue PP plastic tip (blue style) |
| 3 | Green plastic | Green PP plastic tip (green style) |
| 4 | Orange plastic | Orange PP plastic tip (orange style) |
| 5 | Yellow plastic | Yellow PP plastic tip (yellow style) |


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**DETAILED RESULTS:**

**Canadian Toys Regulations SOR/2011-17 as Amended, Item 23 – Total Lead and Mercury in Paints and Surface Coatings**

Test Method: ASTM F963-17 Clause 8.3.1
Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

| Specimen No. | 1a | --- | --- | --- | --- | **Total Limit (ppm)** |
|---|---|---|---|---|---|---|
| Test Item | Result (ppm) | Result (ppm) | Result (ppm) | Result (ppm) | Result (ppm) | |
| Total Lead (Pb) | ND | --- | --- | --- | --- | **90** |
| Total Mercury (Hg) | ND | --- | --- | --- | --- | **10** |
| **Conclusion** | PASS | --- | --- | --- | --- | |

*Note:*
ppm (Parts per million) = mg/kg (Milligrams per kilogram)
LT = Less than
ND = Not detected (Reporting Limit = 10 ppm)
Composite results are based on specimen of least mass resulting in highest potential concentration.

**SPECIMEN DESCRIPTION:**

| Specimen No. | Specimen Description | Location |
|---|---|---|
| 1a | Silvery coating | Silver ABS plastic barrel (all styles) |


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**DETAILED RESULTS:**

**Canadian Consumer Products Containing Lead Regulations (SOR/2018-83), Total Lead Content**

Test Method: ASTM F963-17 Clause 8.3.1
Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

| Specimen No. | 1a | 1b | 2 | 3 | 4 | |
|---|---|---|---|---|---|---|
| Test Item | Result (mg/kg) | Result (mg/kg) | Result (mg/kg) | Result (mg/kg) | Result (mg/kg) | **Limit (mg/kg)** |
| Total Lead (Pb) | ND | ND | ND | ND | ND | **90** |
| **Conclusion** | PASS | PASS | PASS | PASS | PASS | |

| Specimen No. | 5 | --- | --- | --- | --- | |
|---|---|---|---|---|---|---|
| Test Item | Result (mg/kg) | Result (mg/kg) | Result (mg/kg) | Result (mg/kg) | Result (mg/kg) | **Limit (mg/kg)** |
| Total Lead (Pb) | ND | --- | --- | --- | --- | **90** |
| **Conclusion** | PASS | --- | --- | --- | --- | |

*Note:*
mg/kg (Milligrams per kilogram) = ppm (Parts per million) = 0.0001 % m/m (Percent by mass)
LT = Less than
ND = Not detected (Reporting Limit = 10 ppm)
Composite results are based on specimen of least mass resulting in highest potential concentration.

**SPECIMEN DESCRIPTION:**

| Specimen No. | Specimen Description | Location |
|---|---|---|
| 1a | Silvery coating | Silver ABS plastic barrel (all styles) |
| 1b | Grey plastic | Silver ABS plastic barrel (all styles) |
| 2 | Blue plastic | Blue PP plastic tip (blue style) |
| 3 | Green plastic | Green PP plastic tip (green style) |
| 4 | Orange plastic | Orange PP plastic tip (orange style) |
| 5 | Yellow plastic | Yellow PP plastic tip (yellow style) |


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**SAMPLE PHOTO:**

-End Report-


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