

## TEST REPORT

Test Report # 19B-001421 T Date of Report Issue: October 15, 2019  
Date of Sample Received: October 1, 2019 Pages: Page 1 of 10

### CLIENT INFORMATION:

Company: BIC Graphic  
Recipient: Anita S. Campbell  
Recipient Email: anita.campbell@bicgraphic.com



### SAMPLE INFORMATION:

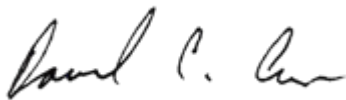
Description: Imprint Ink – White  
Sample No.: 765 Purchase Order Number: 3373  
SKU/style No.: - Toy Co./Agency: -  
Factory/Supplier/Vendor: - Country of Origin: USA  
Country of Distribution: USA & Canada Labeled Age Grade: -  
Quantity Submitted: 2 oz Recommended Age Grade: -  
Testing Period: 10/2/19 – 10/15/19 Tested Age Grade: -

### OVERALL RESULT:

 **PASS**

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

QIMA (US), LLC



David Ennis  
Manager, Chemical Laboratory

**TEST RESULT 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 Content in Paints & Surface Coatings   |
| PASS       | CPSIA Section 106 & ASTM F963-17 Section 4.3.5.1(2), Soluble Heavy Metals Content in Paints & Surface Coatings   |
| PASS       | Client Requirement, California Proposition 65, Total Lead & Cadmium Content in Paints & Surface Coatings   |
| PASS       | The Illinois Lead Poisoning Prevention Act (LPPA) (410 ILCS 45/6), Total Lead in Paints and Surface Coatings of Children's Toys                              |
| PASS       | Canadian Surface Coating Materials Regulations SOR/2016-193, Total Lead and Mercury in Surface Coatings  |
| PASS       | Canadian Toys Regulations SOR/2011-17 amended by SOR/2016-195 & SOR/2016-302, Section 23, Total Lead, Total Mercury and Leachable Metals in Surface Coatings |
| PASS       | Client Requirement, Phthalate Content (6)  |
| PASS       | 16 CFR 1307 Prohibition of Children's Toys and Child Care Articles Containing Specified Phthalates (8)   |
| PASS       | Client Requirement, California Proposition 65, Phthalate Content (6)   |

**DETAILED RESULTS:**

**CPSIA Section 101 & 16 CFR 1303, Total Lead Content in Paints & Surface Coatings**  
**CPSIA Section 106 & ASTM F963-17 Section 4.3.5.1(2), Soluble Heavy Metals Content in Paints & Surface Coatings**

Analytical determination by ICP-OES (Method: CPSC-CH-E1003-09.1)

|                   | Specimen No. |              |              |              |              |              |                                    |
|-------------------|--------------|--------------|--------------|--------------|--------------|--------------|------------------------------------|
|                   | 20           | -            | -            | -            | -            | -            |                                    |
|                   | Total Result | Total Result | Total Result | Total Result | Total Result | Total Result |                                    |
| Lead (Pb)         | ND           | -            | -            | -            | -            | -            | <b>CPSIA Total Limit</b><br>90 ppm |
|                   | Total Result | Total Result | Total Result | Total Result | Total Result | Total Result | <b>ASTM F963 Soluble Limits</b>    |
| Antimony (Sb)     | ND           | -            | -            | -            | -            | -            | 60 ppm                             |
| Arsenic (As)      | ND           | -            | -            | -            | -            | -            | 25 ppm                             |
| Barium (Ba)       | 140          | -            | -            | -            | -            | -            | 1000 ppm                           |
| Cadmium (Cd)      | ND           | -            | -            | -            | -            | -            | 75 ppm                             |
| Chromium (Cr)     | ND           | -            | -            | -            | -            | -            | 60 ppm                             |
| Lead (Pb)         | ND           | -            | -            | -            | -            | -            | 90 ppm                             |
| Mercury (Hg)      | ND           | -            | -            | -            | -            | -            | 60 ppm                             |
| Selenium (Se)     | ND           | -            | -            | -            | -            | -            | 500 ppm                            |
| <b>Conclusion</b> | PASS         | -            | -            | -            | -            | -            |                                    |

ND = Not Detected (Reporting Limit = 5ppm)  
 Results are reported in parts per million (ppm)

**Note:** The total heavy metals results do not exceed the soluble heavy metals limits; therefore, further soluble analyses were not conducted.

**DETAILED RESULTS:**

**Client Requirement, California Proposition 65, Total Lead & Cadmium Content in Paints & Surface Coatings**

Analytical determination by ICP-OES (Method: CPSC-CH-E1003-09.1)

|                   | Specimen No. |              |              |              |              |              |                                      |
|-------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------------------------------|
|                   | 20           | -            | -            | -            | -            | -            |                                      |
|                   | Total Result | Total Result | Total Result | Total Result | Total Result | Total Result |                                      |
| Lead (Pb)         | ND           | -            | -            | -            | -            | -            | <b>Client Total Limit</b><br>90 ppm  |
| Cadmium (Cd)      | ND           | -            | -            | -            | -            | -            | <b>Client Total Limit</b><br>300 ppm |
| <b>Conclusion</b> | PASS         | -            | -            | -            | -            | -            |                                      |

Results are reported in parts per million (ppm)  
 ND = Not Detected (Reporting Limit = 5ppm)

**DETAILED RESULTS:**

**The Illinois Lead Poisoning Prevention Act (LPPA) (410 ILCS 45/6), Total Lead in Paints and Surface Coatings of Children’s Toys**

Analytical determination by ICP-OES (Method: CPSC-CH-E1003-09.1)

|                   | Specimen No. |              |              |              |                     |
|-------------------|--------------|--------------|--------------|--------------|---------------------|
|                   | 20           | -            | -            | -            |                     |
|                   | Total Result | Total Result | Total Result | Total Result | <b>Total Limits</b> |
| Lead (Pb)         | ND           | -            | -            | -            | 40 ppm              |
| <b>Conclusion</b> | PASS         | -            | -            | -            |                     |

Results are reported in parts per million (ppm)

ND = Not Detected (Reporting Limit = 5ppm)

**DETAILED RESULTS:**

**Canadian Surface Coating Materials Regulations SOR/2016-193, Total Lead and Mercury in Surface Coatings**

Analytical determination by ICP-OES (Method: CPSC-CH-E1003-09.1)

|                   | Specimen No. |              |              |              | Total Limits |
|-------------------|--------------|--------------|--------------|--------------|--------------|
|                   | 20           | -            | -            | -            |              |
|                   | Total Result | Total Result | Total Result | Total Result |              |
| Lead (Pb)         | ND           | -            | -            | -            | 90 ppm       |
| Mercury (Hg)      | ND           | -            | -            | -            | 10 ppm       |
| <b>Conclusion</b> | PASS         | -            | -            | -            |              |

Results are reported in parts per million (ppm)

ND = Not Detected (Reporting Limit = 5ppm)

**DETAILED RESULTS:**

**Canadian Toys Regulations SOR/2011-17 amended by SOR/2016-195 & SOR/2016-302, Section 23, Total Lead, Total Mercury and Leachable Metals in Surface Coatings**

Analytical determination by ICP-OES (Method: CPSC-CH-E1003-09.1)

|                   | Specimen No. |              |              |              |              |              | Total Limits     |
|-------------------|--------------|--------------|--------------|--------------|--------------|--------------|------------------|
|                   | 20           | -            | -            | -            | -            | -            |                  |
|                   | Total Result | Total Result | Total Result | Total Result | Total Result | Total Result |                  |
| Lead (Pb)         | ND           | -            | -            | -            | -            | -            | 90 ppm           |
| Mercury (Hg)      | ND           | -            | -            | -            | -            | -            | 10 ppm           |
|                   | Total Result | Total Result | Total Result | Total Result | Total Result | Total Result | Leachable Limits |
| Antimony (Sb)     | ND           | -            | -            | -            | -            | -            | 1000 ppm         |
| Arsenic (As)      | ND           | -            | -            | -            | -            | -            | 1000 ppm         |
| Barium (Ba)       | 140          | -            | -            | -            | -            | -            | 1000 ppm         |
| Cadmium (Cd)      | ND           | -            | -            | -            | -            | -            | 1000 ppm         |
| Selenium (Se)     | ND           | -            | -            | -            | -            | -            | 1000 ppm         |
| <b>Conclusion</b> | PASS         | -            | -            | -            | -            | -            |                  |

Results are reported in parts per million (ppm)

ND = Not Detected (Reporting Limit = 5ppm)

**Note:** The total metal results do not exceed the leachable limits, therefore leachable analyses were not conducted.

**DETAILED RESULTS:**

**Client Requirement, Phthalate Content (6)**

**16 CFR 1307 Prohibition of Children’s Toys and Child Care Articles Containing Specified Phthalates (8)**

**Client Requirement, California Proposition 65, Phthalate Content (6)**

Analytical determination by GC/MS (Method: CPSC-CH-C1001-09.4)

| Phthalate                          | Specimen No. |   |   |   | Client Limits (%) | 16 CFR 1307 Limits (%) | Client Limits, Cal Prop (%) |
|------------------------------------|--------------|---|---|---|-------------------|------------------------|-----------------------------|
|                                    | 20           | - | - | - |                   |                        |                             |
| dibutyl phthalate (DBP)            | ND           | - | - | - | 0.1               | 0.1                    | 0.1                         |
| benzyl butyl phthalate (BBP)       | ND           | - | - | - | 0.1               | 0.1                    | 0.1                         |
| di-(2-ethylhexyl) phthalate (DEHP) | ND           | - | - | - | 0.1               | 0.1                    | 0.1                         |
| di-n-octyl phthalate (DnOP)        | ND           | - | - | - | 0.1               | -                      | -                           |
| diisononyl phthalate (DINP)        | ND           | - | - | - | 0.1               | 0.1                    | 0.1                         |
| diisodecyl phthalate (DIDP)        | ND           | - | - | - | 0.1               | -                      | 0.1                         |
| di-n-hexyl phthalate (DnHP/DHEXP)  | ND           | - | - | - | -                 | 0.1                    | 0.1                         |
| diisobutyl phthalate (DiBP)        | ND           | - | - | - | -                 | 0.1                    | -                           |
| di-n-pentyl phthalate (DnPP/DPENP) | ND           | - | - | - | -                 | 0.1                    | -                           |
| dicyclohexyl phthalate (DCHP)      | ND           | - | - | - | -                 | 0.1                    | -                           |
| <b>Conclusion</b>                  | PASS         | - | - | - |                   |                        |                             |

Results reported as percent by weight

ND = Not Detected (Reporting Limit = 0.01%, DINP & DIDP reporting limit = 0.02%)



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**SPECIMEN DESCRIPTION:**

| Specimen No. | Specimen Description (Color) | Location |
|--------------|------------------------------|----------|
| 20           | 765, White                   | Wet Ink  |

**SAMPLE PHOTO:**



-End Report-