

## Test report

T-26448914-20-R1



Verify Report

## Overall result

Pass

Please refer to the following pages for test result summary and notes.

## Client information

Client: Inkcups Corp.  
Address: 310 Andover St.  
Danvers, MA 01923  
United States



## Sample information

|                          |                       |                        |   |
|--------------------------|-----------------------|------------------------|---|
| Description:             | X-Flexx UV Ink Series | Purchase order #:      | - |
| SKU/style #:             | -                     | Labeled age grade:     | - |
| Assortment:              | -                     | Requested age grade:   | - |
| Manufacturer / factory:  | -                     | Recommended age grade: | - |
| Supplier:                | -                     | Tested age grade:      | - |
| Country of origin:       | USA                   |                        |   |
| Country of distribution: | -                     |                        |   |
| Quantity submitted:      | 7                     |                        |   |

## General information

Sample receipt date: 28-Jul-2026  
Testing period: 28-Jul-2026 to 05-Aug-2026

Report date: 05-Aug-2026

QIMA (US), LLC

Edward Nagel  
Manager, Laboratory Operations

The test(s) reported herein is/are accredited under the laboratory's ISO/IEC 17025 accreditation issued by the ANSI National Accreditation Board (ANAB) according to the certificate and scope of accreditation (Certificate # AT-1407.) Test(s) marked with '▲' is/are not covered under the scope of accreditation. ANAB is recognized by ILAC, APAC and IAAC as a signatory of multilateral recognition arrangements that facilitate acceptance of tests internationally.



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QIMA (US), LLC  
352 Sonwil Drive  
Buffalo, New York 14225

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## Result summary

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

| Test(s) conducted                                                                                                                                            | Conclusion |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|
| 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       |
| ASTM F2923-20 Clause 5 & 8, Total Lead and Soluble Elements in Paint and Surface Coatings                                                                    | Pass       |
| The Illinois Lead Poisoning Prevention Act (LPPA) (410 ILCS 45/6), Total Lead Content in Surface Coatings of Children's Jewelry and Childcare Articles       | Pass       |
| Connecticut Public Act 10-113 (Substituted House Bill 5314), Total Cadmium Content in Children's Jewelry                                                     | Pass       |
| Minnesota Chapter 347-S.F. No. 2510, Cadmium in Children's Jewelry                                                                                           | Pass       |
| Maryland Chapter 578 (House Bill 145), Total Cadmium in Children's Jewelry                                                                                   | Pass       |
| Washington Children's Safe Products Act RCW 70.240.020, Cadmium Content                                                                                      | 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       |
| Mexican Environmental Health NOM-252-SSA1-2011, Soluble Elements from Toys and School Supplies                                                               | Pass       |
| 16 CFR 1307 Prohibition of Children's Toys and Child Care Articles Containing Specified Phthalates (8)                                                       | Pass       |
| ASTM F2923-20 Clause 11, Phthalates in Plasticized Components of Children's Jewelry                                                                          | Pass       |
| Client Requirement, California Proposition 65, Phthalate Content (6)                                                                                         | Pass       |
| Revised Code of Washington Section 70.240.020, Phthalates in Children's Product                                                                              | Pass       |





## 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**

**ASTM F2923-20 Clause 5 & 8, Total Lead and Soluble Elements in Paint and Surface Coatings**

**Connecticut Public Act 10-113 (Substituted House Bill 5314), Total Cadmium Content in Children's Jewelry**

**The Illinois Lead Poisoning Prevention Act (LPPA) (410 ILCS 45/6), Total Lead Content in Surface Coatings of Children's Jewelry and Childcare Articles**

**Minnesota Chapter 347-S.F. No. 2510, Cadmium in Children's Jewelry**

**Maryland Chapter 578 (House Bill 145), Total Cadmium in Children's Jewelry**

**Washington Children's Safe Products Act RCW 70.240.020, Cadmium Content**

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

|                   | Specimen No. |              |              |              |              |                                 |                                  |
|-------------------|--------------|--------------|--------------|--------------|--------------|---------------------------------|----------------------------------|
|                   | 1+2+3*       | 4+5*         | 6+7*         | -            | -            |                                 |                                  |
|                   | Total Result | Total Result | Total Result | Total Result | Total Result |                                 |                                  |
| Lead (Pb)         | LT 5         | LT 5         | LT 5         | -            | -            | <b>CPSIA Total Limit</b>        |                                  |
|                   |              |              |              |              |              | 90 ppm                          |                                  |
| Lead (Pb)         | LT 5         | LT 5         | LT 5         | -            | -            | <b>ASTM F2923 Limit</b>         |                                  |
|                   |              |              |              |              |              | 90 ppm                          |                                  |
| Lead (Pb)         | LT 5         | LT 5         | LT 5         | -            | -            | <b>Illinois Total Limit</b>     |                                  |
|                   |              |              |              |              |              | 40 ppm                          |                                  |
| Cadmium (Cd)      | LT 5         | LT 5         | LT 5         | -            | -            | <b>Connecticut Total Limit</b>  |                                  |
|                   |              |              |              |              |              | 75 ppm                          |                                  |
| Cadmium (Cd)      | LT 5         | LT 5         | LT 5         | -            | -            | <b>Minnesota Total Limit</b>    |                                  |
|                   |              |              |              |              |              | 75 ppm                          |                                  |
| Cadmium (Cd)      | LT 5         | LT 5         | LT 5         | -            | -            | <b>Maryland Total Limit</b>     |                                  |
|                   |              |              |              |              |              | 75 ppm                          |                                  |
| Cadmium (Cd)      | LT 5         | LT 5         | LT 5         | -            | -            | <b>Washington Total Limit</b>   |                                  |
|                   |              |              |              |              |              | 40 ppm                          |                                  |
|                   | Total Result | Total Result | Total Result | Total Result | Total Result | <b>ASTM F963 Soluble Limits</b> | <b>ASTM F2923 Soluble Limits</b> |
| Antimony (Sb)     | LT 5         | LT 5         | LT 5         | -            | -            | 60 ppm                          | 60 ppm                           |
| Arsenic (As)      | LT 5         | LT 5         | LT 5         | -            | -            | 25 ppm                          | 25 ppm                           |
| Barium (Ba)       | LT 5         | LT 5         | LT 5         | -            | -            | 1000 ppm                        | 1000 ppm                         |
| Cadmium (Cd)      | LT 5         | LT 5         | LT 5         | -            | -            | 75 ppm                          | 75 ppm                           |
| Chromium (Cr)     | LT 5         | LT 5         | LT 5         | -            | -            | 60 ppm                          | 60 ppm                           |
| Lead (Pb)         | LT 5         | LT 5         | LT 5         | -            | -            | 90 ppm                          | -                                |
| Mercury (Hg)      | LT 5         | LT 5         | LT 5         | -            | -            | 60 ppm                          | 60 ppm                           |
| Selenium (Se)     | LT 29        | LT 27        | LT 30        | -            | -            | 500 ppm                         | 500 ppm                          |
| <b>Conclusion</b> | Pass         | Pass         | Pass         | -            | -            |                                 |                                  |

LT = Less Than

Results are reported in parts per million (ppm)

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

\*Composited results are based on specimen of least mass resulting in highest potential concentration.



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## 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 |
|-------------------|--------------|--------------|--------------|--------------|--------------|
|                   | 1+2+3*       | 4+5*         | 6+7*         | -            |              |
|                   | Total Result | Total Result | Total Result | Total Result |              |
| Lead (Pb)         | LT 5         | LT 5         | LT 5         | -            | 90 ppm       |
| Mercury (Hg)      | LT 5         | LT 5         | LT 5         | -            | 10 ppm       |
| <b>Conclusion</b> | Pass         | Pass         | Pass         | -            |              |

LT = Less Than

Results are reported in parts per million (ppm)

**\*Note:** Compositing results are based on specimen of least mass resulting in highest potential concentration.





## Detailed results

### Canadian Toys Regulations SOR/2011-17 as amended, 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     |
|-------------------|--------------|--------------|--------------|--------------|--------------|--------------|------------------|
|                   | 1+2+3*       | 4+5*         | 6+7*         | -            | -            | -            |                  |
|                   | Total Result | Total Result | Total Result | Total Result | Total Result | Total Result |                  |
| Lead (Pb)         | LT 5         | LT 5         | LT 5         | -            | -            | -            | 90 ppm           |
| Mercury (Hg)      | LT 5         | LT 5         | LT 5         | -            | -            | -            | 10 ppm           |
|                   | Total Result | Total Result | Total Result | Total Result | Total Result | Total Result | Leachable Limits |
| Antimony (Sb)     | LT 5         | LT 5         | LT 5         | -            | -            | -            | 1000 ppm         |
| Arsenic (As)      | LT 5         | LT 5         | LT 5         | -            | -            | -            | 1000 ppm         |
| Barium (Ba)       | LT 5         | LT 5         | LT 5         | -            | -            | -            | 1000 ppm         |
| Cadmium (Cd)      | LT 5         | LT 5         | LT 5         | -            | -            | -            | 1000 ppm         |
| Selenium (Se)     | LT 29        | LT 27        | LT 30        | -            | -            | -            | 1000 ppm         |
| <b>Conclusion</b> | Pass         | Pass         | Pass         | -            | -            | -            |                  |

LT = Less Than

Results are reported in parts per million (ppm)

**Notes:** The total metals results do not exceed the leachable limits; therefore, leachable analyses were not conducted.

\*Composited results are based on specimen of least mass resulting in highest potential concentration.



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## Detailed results

### Mexican Environmental Health NOM-252-SSA1-2011, Soluble Elements from Toys and School Supplies

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

|                   | Specimen No. |              |              |              |              |              | Soluble Limits |
|-------------------|--------------|--------------|--------------|--------------|--------------|--------------|----------------|
|                   | 1+2+3*       | 4+5*         | 6+7*         | -            | -            | -            |                |
|                   | Total Result | Total Result | Total Result | Total Result | Total Result | Total Result |                |
| Antimony (Sb)     | LT 5         | LT 5         | LT 5         | -            | -            | -            | 60 ppm         |
| Arsenic (As)      | LT 5         | LT 5         | LT 5         | -            | -            | -            | 25 ppm         |
| Barium (Ba)       | LT 5         | LT 5         | LT 5         | -            | -            | -            | 1000 ppm       |
| Cadmium (Cd)      | LT 5         | LT 5         | LT 5         | -            | -            | -            | 75 ppm         |
| Chromium (Cr)     | LT 5         | LT 5         | LT 5         | -            | -            | -            | 60 ppm         |
| Lead (Pb)         | LT 5         | LT 5         | LT 5         | -            | -            | -            | 90 ppm         |
| Mercury (Hg)      | LT 5         | LT 5         | LT 5         | -            | -            | -            | 60 ppm         |
| Selenium (Se)     | LT 29        | LT 27        | LT 30        | -            | -            | -            | 500 ppm        |
| <b>Conclusion</b> | Pass         | Pass         | Pass         | -            | -            | -            |                |

LT = Less Than

Results are reported in parts per million (ppm)

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

\*Composited results are based on specimen of least mass resulting in highest potential concentration.



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## Detailed results

**16 CFR 1307 Prohibition of Children's Toys and Child Care Articles Containing Specified Phthalates (8)**  
**ASTM F2923-20 Clause 11, Phthalates in Plasticized Components of Children's Jewelry**  
**Client Requirement, California Proposition 65, Phthalate Content (6)**

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

| Phthalate                          | Specimen No. |         |         |   | 16 CFR 1307 &<br>ASTM F2923<br>Limits<br>(%) | Client Limits,<br>Cal Prop<br>(%) |
|------------------------------------|--------------|---------|---------|---|----------------------------------------------|-----------------------------------|
|                                    | 1+2+3*       | 4+5*    | 6+7*    | - |                                              |                                   |
| dibutyl phthalate (DBP)            | LT 0.01      | LT 0.01 | LT 0.01 | - | 0.1                                          | 0.1                               |
| benzyl butyl phthalate (BBP)       | LT 0.01      | LT 0.01 | LT 0.01 | - | 0.1                                          | 0.1                               |
| di-(2-ethylhexyl) phthalate (DEHP) | LT 0.01      | LT 0.01 | LT 0.01 | - | 0.1                                          | 0.1                               |
| diisononyl phthalate (DINP)        | LT 0.02      | LT 0.02 | LT 0.02 | - | 0.1                                          | 0.1                               |
| diisodecyl phthalate (DIDP)        | LT 0.02      | LT 0.02 | LT 0.02 | - | -                                            | 0.1                               |
| di-n-hexyl phthalate (DnHP/DHEXP)  | LT 0.01      | LT 0.01 | LT 0.01 | - | 0.1                                          | 0.1                               |
| diisobutyl phthalate (DiBP)        | LT 0.01      | LT 0.01 | LT 0.01 | - | 0.1                                          | -                                 |
| di-n-pentyl phthalate (DnPP/DPENP) | LT 0.01      | LT 0.01 | LT 0.01 | - | 0.1                                          | -                                 |
| dicyclohexyl phthalate (DCHP)      | LT 0.01      | LT 0.01 | LT 0.01 | - | 0.1                                          | -                                 |
| <b>Conclusion</b>                  | Pass         | Pass    | Pass    | - |                                              |                                   |

LT = Less Than

Results reported as percent by weight

**\*Note:** Composited results are based on specimen of least mass resulting in highest potential concentration.



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## Detailed results

### Revised Code of Washington Section 70.240.020, Phthalates in Children's Product

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

| Phthalate                          | Specimen No. |         |         |   |   | Limits (%) |
|------------------------------------|--------------|---------|---------|---|---|------------|
|                                    | 1+2+3*       | 4+5*    | 6+7*    | - | - |            |
| Dibutyl Phthalate (DBP)            | LT 0.01      | LT 0.01 | LT 0.01 | - | - | 0.1        |
| Benzyl Butyl Phthalate (BBP)       | LT 0.01      | LT 0.01 | LT 0.01 | - | - | 0.1        |
| Di-(2-ethylhexyl) Phthalate (DEHP) | LT 0.01      | LT 0.01 | LT 0.01 | - | - | 0.1        |
| Di-n-octyl Phthalate (DnOP)        | LT 0.01      | LT 0.01 | LT 0.01 | - | - | 0.1        |
| Diisononyl Phthalate (DINP)        | LT 0.02      | LT 0.02 | LT 0.02 | - | - | 0.1        |
| Diisodecyl Phthalate (DIDP)        | LT 0.02      | LT 0.02 | LT 0.02 | - | - | 0.1        |
| Sum of Above (6)                   | LT 0.02      | LT 0.02 | LT 0.02 | - | - | 0.1        |
| <b>Conclusion</b>                  | Pass         | Pass    | Pass    | - | - |            |

LT = Less Than

Results reported as percent by weight

**\*Note:** Composited results are based on specimen of least mass resulting in highest potential concentration.



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## Specimen description

| Specimen # | Specimen description | Location                     |
|------------|----------------------|------------------------------|
| 1          | Wet Ink              | X-Flexx UV Ink - Yellow      |
| 2          | Wet Ink              | X-Flexx UV Ink - Varnish     |
| 3          | Wet Ink              | X-Flexx UV Ink - Vivid White |
| 4          | Wet Ink              | X-Flexx UV Ink - White       |
| 5          | Wet Ink              | X-Flexx UV Ink - Black       |
| 6          | Wet Ink              | X-Flexx UV Ink - Cyan        |
| 7          | Wet Ink              | X-Flexx UV Ink - Magenta     |





## Pictures

### Sample Photo



End of the report

The test result(s) and conclusion(s) in this report relate only to the sample(s) as received and the method /regulation section(s) tested as described herein. If it is not further specified in the report, the decision rule for stating conformity is based on the QIMA decision rule. (<https://www.qima.com/conditions-of-service#decisionRule>). This test report may not be reproduced in whole or in part, without the written approval of QIMA (US) LLC.



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