

Test report

T-24378250-20-R1



Verify Report

Overall result

Pass

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

Client information

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



Sample information

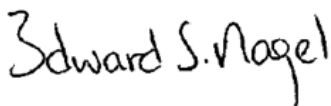
| | | | |
|--------------------------|----------------|------------------------|---|
| Description: | BT Series Inks | Purchase order #: | - |
| SKU/style #: | - | Labeled age grade: | - |
| Assortment: | - | Requested age grade: | - |
| Manufacturer / factory: | - | Recommended age grade: | - |
| Supplier: | - | Tested age grade: | - |
| Country of origin: | Italy | | |
| Country of distribution: | - | | |
| Quantity submitted: | 7 | | |

General information

Sample receipt date: 19-Dec-2024
Testing period: 19-Dec-2024 to 31-Dec-2024

Report date: 31-Dec-2024

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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Page 1 of 10



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 F963-23 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 F963-23 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 | - | - | CPSIA Total Limit | |
| | | | | | | 90 ppm | |
| Lead (Pb) | LT 5 | LT 5 | LT 5 | - | - | ASTM F2923 Limit | |
| | | | | | | 90 ppm | |
| Lead (Pb) | LT 5 | LT 5 | LT 5 | - | - | Illinois Total Limit | |
| | | | | | | 40 ppm | |
| Cadmium (Cd) | LT 5 | LT 5 | LT 5 | - | - | Connecticut Total Limit | |
| | | | | | | 75 ppm | |
| Cadmium (Cd) | LT 5 | LT 5 | LT 5 | - | - | Minnesota Total Limit | |
| | | | | | | 75 ppm | |
| Cadmium (Cd) | LT 5 | LT 5 | LT 5 | - | - | Maryland Total Limit | |
| | | | | | | 75 ppm | |
| Cadmium (Cd) | LT 5 | LT 5 | LT 5 | - | - | Washington Total Limit | |
| | | | | | | 40 ppm | |
| | Total Result | Total Result | Total Result | Total Result | Total Result | ASTM F963 Soluble Limits | ASTM F2923 Soluble Limits |
| 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 7 | LT 6 | LT 9 | - | - | 500 ppm | 500 ppm |
| Conclusion | 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 |
| Conclusion | Pass | Pass | Pass | - | |

LT = Less Than

Results are reported in parts per million (ppm)

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



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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 7 | LT 6 | LT 9 | - | - | - | 1000 ppm |
| Conclusion | 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 7 | LT 6 | LT 9 | - | - | - | 500 ppm |
| Conclusion | 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 & ASTM F2923 Limits (%) | Client Limits, Cal Prop (%) |
|------------------------------------|--------------|---------|---------|---|-------------------------------------|-----------------------------|
| | 1+2+3* | 4+5* | 6+7* | - | | |
| dibutyl phthalate (DBP) | LT 0.04 | 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 | - |
| Conclusion | 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 0.04 | 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 0.04 | LT 0.02 | LT 0.02 | - | - | 0.1 |
| Conclusion | Pass | Pass | Pass | - | - | |

LT = Less Than

Results reported as percent by weight

***Note:** Compositated 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 | BT Series - 160 |
| 2 | Wet Ink | BT Series - 165 |
| 3 | Wet Ink | BT Series - 79-050 |
| 4 | Wet Ink | BT Series - 121 |
| 5 | Wet Ink | BT Series - 122 |
| 6 | Wet Ink | BT Series - 132 |
| 7 | Wet Ink | BT Series - 133 |





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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