Test report

T-25411693-20-R1

Verify Report

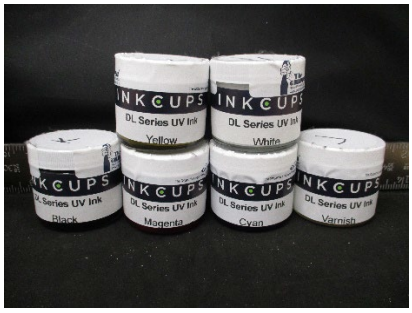
Overall result

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: DL Series UV Inks
SKU/style #: -
Assortment: -
Manufacturer / factory: -
Supplier: -
Country of origin: USA
Country of distribution: -
Quantity submitted: 6

Purchase order #: -
Labeled age grade: -
Requested age grade: -
Recommended age grade: -
Tested age grade: -

General information

Sample receipt date: 16-Jul-2025
Testing period: 17-Jul-2025 to 24-Jul-2025

Report date: 24-Jul-2025

QIMA (US), LLC

Edward S. Nagel

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.

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*	-	-	-		
	Total Result	Total Result	Total Result	Total Result	Total Result		
Lead (Pb)	LT 5	LT 5	-	-	-	**CPSIA Total Limit**	
						90 ppm	
Lead (Pb)	LT 5	LT 5	-	-	-	**ASTM F2923 Limit**	
						90 ppm	
Lead (Pb)	LT 5	LT 5	-	-	-	**Illinois Total Limit**	
						40 ppm	
Cadmium (Cd)	LT 5	LT 5	-	-	-	**Connecticut Total Limit**	
						75 ppm	
Cadmium (Cd)	LT 5	LT 5	-	-	-	**Minnesota Total Limit**	
						75 ppm	
Cadmium (Cd)	LT 5	LT 5	-	-	-	**Maryland Total Limit**	
						75 ppm	
Cadmium (Cd)	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	-	-	-	60 ppm	60 ppm
Arsenic (As)	LT 5	LT 5	-	-	-	25 ppm	25 ppm
Barium (Ba)	LT 5	LT 5	-	-	-	1000 ppm	1000 ppm
Cadmium (Cd)	LT 5	LT 5	-	-	-	75 ppm	75 ppm
Chromium (Cr)	LT 5	LT 5	-	-	-	60 ppm	60 ppm
Lead (Pb)	LT 5	LT 5	-	-	-	90 ppm	-
Mercury (Hg)	LT 5	LT 5	-	-	-	60 ppm	60 ppm
Selenium (Se)	LT 16	LT 13	-	-	-	500 ppm	500 ppm
Conclusion	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.

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.				
	1+2+3*	4+5+6*	-	-	
	Total Result	Total Result	Total Result	Total Result	**Total Limits**
Lead (Pb)	LT 5	LT 5	-	-	90 ppm
Mercury (Hg)	LT 5	LT 5	-	-	10 ppm
Conclusion	Pass	Pass	-	-	

LT = Less Than
Results are reported in parts per million (ppm)

***Note:** Composited 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.						
	1+2+3*	4+5+6*	-	-	-	-	
	Total Result	Total Result	Total Result	Total Result	Total Result	Total Result	**Total Limits**
Lead (Pb)	LT 5	LT 5	-	-	-	-	90 ppm
Mercury (Hg)	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	-	-	-	-	1000 ppm
Arsenic (As)	LT 5	LT 5	-	-	-	-	1000 ppm
Barium (Ba)	LT 5	LT 5	-	-	-	-	1000 ppm
Cadmium (Cd)	LT 5	LT 5	-	-	-	-	1000 ppm
Selenium (Se)	LT 16	LT 13	-	-	-	-	1000 ppm
Conclusion	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.

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.						
	1+2+3*	4+5+6*	-	-	-	-	
	Total Result	Total Result	Total Result	Total Result	Total Result	Total Result	**Soluble Limits**
Antimony (Sb)	LT 5	LT 5	-	-	-	-	60 ppm
Arsenic (As)	LT 5	LT 5	-	-	-	-	25 ppm
Barium (Ba)	LT 5	LT 5	-	-	-	-	1000 ppm
Cadmium (Cd)	LT 5	LT 5	-	-	-	-	75 ppm
Chromium (Cr)	LT 5	LT 5	-	-	-	-	60 ppm
Lead (Pb)	LT 5	LT 5	-	-	-	-	90 ppm
Mercury (Hg)	LT 5	LT 5	-	-	-	-	60 ppm
Selenium (Se)	LT 16	LT 13	-	-	-	-	500 ppm
Conclusion	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.

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)

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

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)

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

Specimen description

Specimen #	Specimen description	Location
1	Wet Ink	UV - DL Cyan
2	Wet Ink	UV - DL Magenta
3	Wet Ink	UV - DL Yellow
4	Wet Ink	UV - DL Black
5	Wet Ink	UV - DL White
6	Wet Ink	UV - DL Varnish

Pictures

Sample Photo

End of the report