

## Test report

T-25521817-20-R1



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## Overall result

Pass

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

## Client information

Client: AutoMark  
Address: 3740 N Mason Rd.  
Katy, TX 77449  
United States



## Sample information

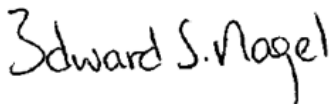
Description:	AM-Si Bake Silicone Inks
SKU/style #:	-
Assortment:	-
Manufacturer / factory:	-
Supplier:	-
Country of origin:	-
Country of distribution:	-
Quantity submitted:	18
Purchase order #:	-
Labeled age grade:	-
Requested age grade:	-
Recommended age grade:	-
Tested age grade:	-

## General information

Sample receipt date: 18-Sep-2025  
Testing period: 18-Sep-2025 to 26-Sep-2025

Report date: 26-Sep-2025

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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## 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



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## 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+8+9*	10+11+12*	13+14*		
	Total Result	Total Result	Total Result	Total Result	Total Result		
Lead (Pb)	LT 5	LT 5	LT 5	LT 5	LT 5	<b>CPSIA Total Limit</b>	
						90 ppm	
Lead (Pb)	LT 5	LT 5	LT 5	LT 5	LT 5	<b>ASTM F2923 Limit</b>	
						90 ppm	
Lead (Pb)	LT 5	LT 5	LT 5	LT 5	LT 5	<b>Illinois Total Limit</b>	
						40 ppm	
Cadmium (Cd)	LT 5	LT 5	LT 5	LT 5	LT 5	<b>Connecticut Total Limit</b>	
						75 ppm	
Cadmium (Cd)	LT 5	LT 5	LT 5	LT 5	LT 5	<b>Minnesota Total Limit</b>	
						75 ppm	
Cadmium (Cd)	LT 5	LT 5	LT 5	LT 5	LT 5	<b>Maryland Total Limit</b>	
						75 ppm	
Cadmium (Cd)	LT 5	LT 5	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	LT 5	LT 5	60 ppm	60 ppm
Arsenic (As)	LT 5	LT 5	LT 5	LT 5	LT 5	25 ppm	25 ppm
Barium (Ba)	71	LT 5	LT 5	11	LT 5	1000 ppm	1000 ppm
Cadmium (Cd)	LT 5	LT 5	LT 5	LT 5	LT 5	75 ppm	75 ppm
Chromium (Cr)	LT 5	LT 5	LT 5	5	LT 5	60 ppm	60 ppm
Lead (Pb)	LT 5	LT 5	LT 5	LT 5	LT 5	90 ppm	-
Mercury (Hg)	LT 5	LT 5	LT 5	LT 5	LT 5	60 ppm	60 ppm
Selenium (Se)	LT 9	LT 5	LT 7	LT 5	LT 8	500 ppm	500 ppm
<b>Conclusion</b>	Pass	Pass	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

**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.						
	15+16*	17+18*	-	-	-		
	Total Result	Total Result	Total Result	Total Result	Total Result		
Lead (Pb)	LT 5	LT 5	-	-	-	<b>CPSIA Total Limit</b>	
						90 ppm	
Lead (Pb)	LT 5	LT 5	-	-	-	<b>ASTM F2923 Limit</b>	
						90 ppm	
Lead (Pb)	LT 5	LT 5	-	-	-	<b>Illinois Total Limit</b>	
						40 ppm	
Cadmium (Cd)	LT 5	LT 5	-	-	-	<b>Connecticut Total Limit</b>	
						75 ppm	
Cadmium (Cd)	LT 5	LT 5	-	-	-	<b>Minnesota Total Limit</b>	
						75 ppm	
Cadmium (Cd)	LT 5	LT 5	-	-	-	<b>Maryland Total Limit</b>	
						75 ppm	
Cadmium (Cd)	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	-	-	-	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 7	LT 5	-	-	-	500 ppm	500 ppm
<b>Conclusion</b>	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+8+9*	10+11+12*	
	Total Result	Total Result	Total Result	Total Result	
Lead (Pb)	LT 5	LT 5	LT 5	LT 5	90 ppm
Mercury (Hg)	LT 5	LT 5	LT 5	LT 5	10 ppm
<b>Conclusion</b>	Pass	Pass	Pass	Pass	

	Specimen No.				Total Limits
	13+14*	15+16*	17+18*	-	
	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.



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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+8+9*	10+11+12*	13+14*	15+16*	17+18*	
	Total Result	Total Result	Total Result	Total Result	Total Result	Total Result	Total Result	
Lead (Pb)	LT 5	LT 5	LT 5	LT 5	LT 5	LT 5	LT 5	90 ppm
Mercury (Hg)	LT 5	LT 5	LT 5	LT 5	LT 5	LT 5	LT 5	10 ppm
	Total Result	Total Result	Total Result	Total Result	Total Result	Total Result	Total Result	Leachable Limits
Antimony (Sb)	LT 5	LT 5	LT 5	LT 5	LT 5	LT 5	LT 5	1000 ppm
Arsenic (As)	LT 5	LT 5	LT 5	LT 5	LT 5	LT 5	LT 5	1000 ppm
Barium (Ba)	71	LT 5	LT 5	11	LT 5	LT 5	LT 5	1000 ppm
Cadmium (Cd)	LT 5	LT 5	LT 5	LT 5	LT 5	LT 5	LT 5	1000 ppm
Selenium (Se)	LT 9	LT 5	LT 7	LT 5	LT 8	LT 7	LT 5	1000 ppm
<b>Conclusion</b>	Pass	Pass	Pass	Pass	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+8+9*	10+11+12*	13+14*	15+16*	17+18*	
	Total Result	Total Result	Total Result	Total Result	Total Result	Total Result	Total Result	
Antimony (Sb)	LT 5	LT 5	LT 5	LT 5	LT 5	LT 5	LT 5	60 ppm
Arsenic (As)	LT 5	LT 5	LT 5	LT 5	LT 5	LT 5	LT 5	25 ppm
Barium (Ba)	71	LT 5	LT 5	11	LT 5	LT 5	LT 5	1000 ppm
Cadmium (Cd)	LT 5	LT 5	LT 5	LT 5	LT 5	LT 5	LT 5	75 ppm
Chromium (Cr)	LT 5	LT 5	LT 5	5	LT 5	LT 5	LT 5	60 ppm
Lead (Pb)	LT 5	LT 5	LT 5	LT 5	LT 5	LT 5	LT 5	90 ppm
Mercury (Hg)	LT 5	LT 5	LT 5	LT 5	LT 5	LT 5	LT 5	60 ppm
Selenium (Se)	LT 9	LT 5	LT 7	LT 5	LT 8	LT 7	LT 5	500 ppm
<b>Conclusion</b>	Pass	Pass	Pass	Pass	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+8+9*	10+11+12*		
dibutyl phthalate (DBP)	LT 0.01	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	LT 0.01	0.1	0.1
di-(2-ethylhexyl) phthalate (DEHP)	LT 0.01	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	LT 0.02	0.1	0.1
diisodecyl phthalate (DIDP)	LT 0.02	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	LT 0.01	0.1	0.1
diisobutyl phthalate (DiBP)	LT 0.01	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	LT 0.01	0.1	-
dicyclohexyl phthalate (DCHP)	LT 0.01	LT 0.01	LT 0.01	LT 0.01	0.1	-
<b>Conclusion</b>	Pass	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

**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 (%)
	13+14*	15+16*	17+18*	-		
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+8+9*	10+11+12*	13+14*	
Dibutyl Phthalate (DBP)	LT 0.01	LT 0.01	LT 0.01	LT 0.01	LT 0.01	0.1
Benzyl Butyl Phthalate (BBP)	LT 0.01	LT 0.01	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	LT 0.01	LT 0.01	0.1
Di-n-octyl Phthalate (DnOP)	LT 0.01	LT 0.01	LT 0.01	LT 0.01	LT 0.01	0.1
Diisononyl Phthalate (DINP)	LT 0.02	LT 0.02	LT 0.02	LT 0.02	LT 0.02	0.1
Diisodecyl Phthalate (DIDP)	LT 0.02	LT 0.02	LT 0.02	LT 0.02	LT 0.02	0.1
Sum of Above (6)	LT 0.02	LT 0.02	LT 0.02	LT 0.02	LT 0.02	0.1
<b>Conclusion</b>	Pass	Pass	Pass	Pass	Pass	

Phthalate	Specimen No.					Limits (%)
	15+16*	17+18*	-	-	-	
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
<b>Conclusion</b>	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	AM-Si Bake Silicone Inks – White
2	Wet Ink	AM-Si Bake Silicone Inks – Black
3	Wet Ink	AM-Si Bake Silicone Inks – Bright Red
4	Wet Ink	AM-Si Bake Silicone Inks – Peach Pink
5	Wet Ink	AM-Si Bake Silicone Inks – Magenta
6	Wet Ink	AM-Si Bake Silicone Inks – Yellow
7	Wet Ink	AM-Si Bake Silicone Inks – Florescent Orange
8	Wet Ink	AM-Si Bake Silicone Inks – Florescent Yellow
9	Wet Ink	AM-Si Bake Silicone Inks – Florescent Green
10	Wet Ink	AM-Si Bake Silicone Inks – Yellow-Green
11	Wet Ink	AM-Si Bake Silicone Inks – Sky Blue
12	Wet Ink	AM-Si Bake Silicone Inks – Ultramarine
13	Wet Ink	AM-Si Bake Silicone Inks – Phthalo Blue
14	Wet Ink	AM-Si Bake Silicone Inks – Purple
15	Wet Ink	AM-Si Bake Silicone Inks – Silver
16	Wet Ink	AM-Si Bake Silicone Inks – Bronze (Green-Gold)
17	Wet Ink	AM-Si Bake Silicone Inks – Gold
18	Wet Ink	AM-Si Bake Silicone Inks – Rose Gold





## 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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