QIMA
YOUR EYES IN THE SUPPLY CHAIN

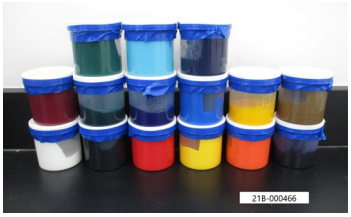
ANAB ACCREDITED ISO/IEC 17025 TESTING LABORATORY AT-1407

TEST REPORT

Test Report #	21B-000466	Date of Report Issue:	April 19, 2021
Date of Sample Received:	April 9, 2021	Pages:	Page 1 of 11

CLIENT INFORMATION:

Company:	Koozie Group
Recipient:	Anita S. Campbell
Recipient Email:	anita.campbell@kooziegroup.com



SAMPLE INFORMATION:

Description:	YN Series Inks		
Assortment:	-	Purchase Order Number:	5047
SKU/style No.:	-	Toy Co./Agency:	-
Factory/Supplier/Vendor:	-	Country of Origin:	USA
Country of Distribution:	USA, Canada & Mexico	Labeled Age Grade:	-
Quantity Submitted:	15	Recommended Age Grade:	-
Testing Period:	4/9/21 – 4/19/21	Tested Age Grade:	-

OVERALL RESULT: **PASS**

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

QIMA (US), LLC

Edward S. Nagel

Edward Nagel
Manager, Laboratory Operations

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	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

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+15*		
	Total Result	Total Result	Total Result	Total Result	Total Result		
Lead (Pb)	ND	ND	ND	6	ND	**CPSIA Total Limit**	
						90 ppm	
Lead (Pb)	ND	ND	ND	6	ND	**ASTM F2923-20 Limit**	
						90 ppm	
Lead (Pb)	ND	ND	ND	6	ND	**Illinois Total Limit**	
						40 ppm	
Cadmium (Cd)	ND	ND	ND	ND	ND	**Connecticut Total Limit**	
						75 ppm	
Cadmium (Cd)	ND	ND	ND	ND	ND	**Minnesota Total Limit**	
						75 ppm	
Cadmium (Cd)	ND	ND	ND	ND	ND	**Maryland Total Limit**	
						75 ppm	
Cadmium (Cd)	ND	ND	ND	ND	ND	**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)	ND	ND	ND	ND	ND	60 ppm	60 ppm
Arsenic (As)	ND	ND	ND	ND	ND	25 ppm	25 ppm
Barium (Ba)	5	78	9	ND	220	1000 ppm	1000 ppm
Cadmium (Cd)	ND	ND	ND	ND	ND	75 ppm	75 ppm
Chromium (Cr)	6	ND	ND	32	ND	60 ppm	60 ppm
Lead (Pb)	ND	ND	ND	6	ND	90 ppm	-
Mercury (Hg)	ND	ND	ND	ND	ND	60 ppm	60 ppm
Selenium (Se)	ND	ND	ND	ND	ND	500 ppm	500 ppm
Conclusion	PASS	PASS	PASS	PASS	PASS		

ND = Not Detected (Reporting Limit = 5ppm)
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*	7+8+9*	10+11+12*	
	Total Result	Total Result	Total Result	Total Result	**Total Limits**
Lead (Pb)	ND	ND	ND	6	90 ppm
Mercury (Hg)	ND	ND	ND	ND	10 ppm
Conclusion	PASS	PASS	PASS	PASS	

	Specimen No.				
	13+14+15*	-	-	-	
	Total Result	Total Result	Total Result	Total Result	**Total Limits**
Lead (Pb)	ND	-	-	-	90 ppm
Mercury (Hg)	ND	-	-	-	10 ppm
Conclusion	PASS	-	-	-	

ND = Not Detected (Reporting Limit = 5ppm)
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 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.						
	1+2+3*	4+5+6*	7+8+9*	10+11+12*	13+14+15*	-	
	Total Result	Total Result	Total Result	Total Result	Total Result	Total Result	**Total Limits**
Lead (Pb)	ND	ND	ND	6	ND	-	90 ppm
Mercury (Hg)	ND	ND	ND	ND	ND	-	10 ppm
	Total Result	Total Result	Total Result	Total Result	Total Result	Total Result	**Leachable Limits**
Antimony (Sb)	ND	ND	ND	ND	ND	-	1000 ppm
Arsenic (As)	ND	ND	ND	ND	ND	-	1000 ppm
Barium (Ba)	5	78	9	ND	220	-	1000 ppm
Cadmium (Cd)	ND	ND	ND	ND	ND	-	1000 ppm
Selenium (Se)	ND	ND	ND	ND	ND	-	1000 ppm
Conclusion	PASS	PASS	PASS	PASS	PASS	-	

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

Notes: The total metal 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*	7+8+9*	10+11+12*	13+14+15*	-	
	Total Result	Total Result	Total Result	Total Result	Total Result	Total Result	**Soluble Limits**
Antimony (Sb)	ND	ND	ND	ND	ND	-	60 ppm
Arsenic (As)	ND	ND	ND	ND	ND	-	25 ppm
Barium (Ba)	5	78	9	ND	220	-	1000 ppm
Cadmium (Cd)	ND	ND	ND	ND	ND	-	75 ppm
Chromium (Cr)	6	ND	ND	32	ND	-	60 ppm
Lead (Pb)	ND	ND	ND	6	ND	-	90 ppm
Mercury (Hg)	ND	ND	ND	ND	ND	-	60 ppm
Selenium (Se)	ND	ND	ND	ND	ND	-	500 ppm
Conclusion	PASS	PASS	PASS	PASS	PASS	-	

ND = Not Detected (Reporting Limit = 5ppm)
Results 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*	7+8+9*	10+11+12*	**16 CFR 1307 & ASTM F2923 Limits (%)**	**Client Limits, Cal Prop (%)**
dibutyl phthalate (DBP)	ND	ND	ND	ND	0.1	0.1
benzyl butyl phthalate (BBP)	ND	ND	ND	ND	0.1	0.1
di-(2-ethylhexyl) phthalate (DEHP)	ND	ND	ND	ND	0.1	0.1
diisononyl phthalate (DINP)	ND	ND	ND	ND	0.1	0.1
diisodecyl phthalate (DIDP)	ND	ND	ND	ND	-	0.1
di-n-hexyl phthalate (DnHP/DHEXP)	ND	ND	ND	ND	0.1	0.1
diisobutyl phthalate (DiBP)	ND	ND	ND	ND	0.1	-
di-n-pentyl phthalate (DnPP/DPENP)	ND	ND	ND	ND	0.1	-
dicyclohexyl phthalate (DCHP)	ND	ND	ND	ND	0.1	-
Conclusion	PASS	PASS	PASS	PASS		

ND = Not Detected (Reporting Limit = 0.01%, DINP & DIDP reporting limit = 0.02%)
Results reported as percent by weight

***Note:** 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	13+14+15*	-	-	-	**16 CFR 1307 & ASTM F2923 Limits (%)**	**Client Limits, Cal Prop (%)**
dibutyl phthalate (DBP)	ND	-	-	-	0.1	0.1
benzyl butyl phthalate (BBP)	ND	-	-	-	0.1	0.1
di-(2-ethylhexyl) phthalate (DEHP)	ND	-	-	-	0.1	0.1
diisononyl phthalate (DINP)	ND	-	-	-	0.1	0.1
diisodecyl phthalate (DIDP)	ND	-	-	-	-	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	-
Conclusion	PASS	-	-	-		

ND = Not Detected (Reporting Limit = 0.01%, DINP & DIDP reporting limit = 0.02%)
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*	7+8+9*	10+11+12*	13+14+15*	**Limits (%)**
Dibutyl Phthalate (DBP)	ND	ND	ND	ND	ND	0.1
Benzyl Butyl Phthalate (BBP)	ND	ND	ND	ND	ND	0.1
Di-(2-ethylhexyl) Phthalate (DEHP)	ND	ND	ND	ND	ND	0.1
Di-n-octyl Phthalate (DnOP)	ND	ND	ND	ND	ND	0.1
Diisononyl Phthalate (DINP)	ND	ND	ND	ND	ND	0.1
Diisodecyl Phthalate (DIDP)	ND	ND	ND	ND	ND	0.1
Sum of Above (6)	ND	ND	ND	ND	ND	0.1
Conclusion	PASS	PASS	PASS	PASS	PASS	

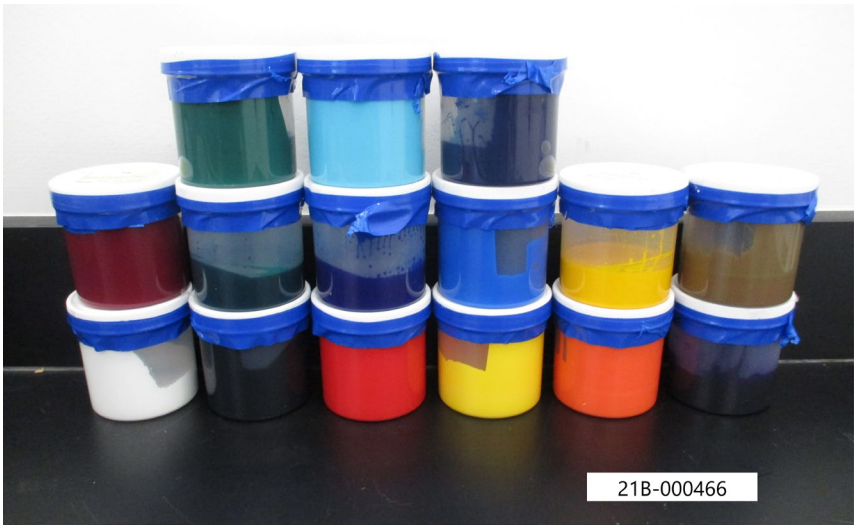
ND = Not Detected (Reporting Limit = 0.01%, DINP & DIDP reporting limit = 0.02%)
Results reported as percent by weight

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

SPECIMEN DESCRIPTION:

Specimen No.	Specimen Description (Color)	Location
1	White Wet Ink	YN - 60NT - White
2	Black Wet Ink	YN - 65NT - Black
3	Red Wet Ink	YN 2191 -- Red
4	Yellow Wet Ink	YN1114N - Yellow
5	Orange Wet Ink	YN2080N - Orange
6	Violet Wet Ink	YN - V50 - Violet
7	Magenta Wet Ink	YN - M50 - Magenta
8	Green Wet Ink	YN -G50 - Dark Green
9	Blue Wet Ink	YN -B50 - Blue
10	Blue Wet Ink	YN - 30NT - Lt Blue
11	Yellow Wet Ink	YN - Y50 - Golden Yellow
12	Brown Wet Ink	YN - 50NT - Brown
13	Green Wet Ink	YN - 41NT - Med Green
14	Turquoise Wet Ink	YN - 34NT - Turquoise
15	Blue Wet Ink	YN - 33NT - Dark Blue

SAMPLE PHOTO:



-End Report-