



May 24, 2017

Dear Valued Customer:

RE: California Proposition 65, Lead and Nazdar's Products

In 2007, Nazdar removed lead from its manufacturing processes. Since that time Nazdar has conducted random lead testing on manufactured products and results have not found lead in appreciable amounts (i.e. less than 50 ppm). Nazdar products can contain other Proposition 65 chemicals as noted on the safety data sheets (SDSs), however most of these chemicals are volatile in nature or do not pose an exposure risk on finished printed articles.

Without lot specific testing, Nazdar cannot make any guarantee, however, it is our opinion that articles printed with Nazdar inks would not require Proposition 65 warnings due to lead contamination. Nazdar recommends companies review the Proposition 65 requirements to determine appropriate methods of compliance concerning Proposition 65.

Additional information concerning Proposition 65 can be found at the following web site: <http://www.oehha.ca.gov/prop65.html>. If you have any additional questions please contact Regulatory Compliance at the number listed below.

Sincerely,
Nazdar
Regulatory Compliance

May 2017

CH-8965 Berikon, 10 August 2017

Regulatory information

California Proposition 65

Please find below the chemicals listed in California Proposition 65 (07.07.2017)

Series 569

- **no chemicals listed**

Series 711

- **Naphtalene CAS No. 91-20-3**

Series 712

- **Ethyl benzene CAS 100-41-4**

Series 747

- **no chemicals listed**

Series 750

- **Bisphenol A CAS 80-05-7**

700-GL

- **no chemicals listed**

700-HDA

- **no chemicals listed**

700-HDI

- **Toluene diisocyanate CAS No. 26471-62-5**

This statement is based on the knowledge of the raw materials and the manufacturing process. The chemicals are not part of the formulation but are in the raw materials as impurities.

Printcolor Screen Ltd. CH-8965 Berikon (Schweiz)

www.printcolor.ch

August 10, 2017



Thomas Ellinger
Compliance Manager

CH-8965 Berikon, 06 April 2017

Regulatory information

California Proposition 65


Series 752

· Chemicals known to cause cancer:	
13463-67-7	titanium dioxide
1333-86-4	Carbon black
91-20-3	naphthalene
· Chemicals known to cause reproductive toxicity for females:	
None of the ingredients is listed.	
· Chemicals known to cause reproductive toxicity for males:	
None of the ingredients is listed.	
· Chemicals known to cause developmental toxicity:	
None of the ingredients is listed.	

Printcolor Screen Ltd. CH-8965 Berikon (Schweiz)

www.printcolor.ch

April 6, 2017



Christiane Schreiber
HSE Management

TEST REPORT

Test Report No.: 317S0311.001
Report Date: 3 February 2017

Page 1 of 4

Client: Harry Emtiaz
 Image Technology Inc.
 1380 Knollwood Circle, Anaheim, CA, 92801
 Phone: 714-252-0160 (ext. 226)
 Email: harry@imagetechnology.com

Client Number: 50005002
Order Number: 145743
Date of Receipt: 30 January 2017
Item Description: Plastisol and Water Base Samples
of Samples Submitted: 15
Product Code: See Material List
Style Number: NA
Color: See Material List
UPC: NA
PO: NELAB17
Country of Origin: USA
Manufacturer's name: Image Technology Inc.
Country of Destination: NA
Retest? No
Delivery condition: *Apparent good*

Customer Test Instructions:

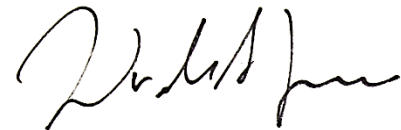
<i>Test specification:</i>	<i>Test result:</i>
1. Total Lead Content in Surface Coating – CPSIA/Cal Prop 65	Pass
2. Phthalate Content – CPSIA/Cal Prop 65	Pass

For and on behalf of
 TÜV Rheinland of North America



Mark Smith / Laboratory Manager
 Phone: (479) 250-0059
 Email: MSmith@us.tuv.com

For and on behalf of
 TÜV Rheinland of North America



William Tyree / Chemist
 Phone: (479) 250-1932
 Email: wtyree@us.tuv.com

This test report relates to the above mentioned test item and extent of tests performed. This test report is not permitted to be duplicated in extracts without permission of the test facility. This test report does not entitle any safety mark on this or similar products.

Testing Period: 31 Jan 2017 to 3 Feb 2017

MATERIAL LIST

Material No.	Color	Component / Location
1	White	EQITW-E11
2	Orange	EQITW-E30
3	Brownish	EQITW-E45
4	Maroon	EQITW-E47
5	Black	EQITW-E57
6	Purple	EQITW-E65
7	Purple	EQITW-E68
8	Green	EQITW-E70
9	Yellow	EQITW-E87
10	Black	EQITW-E94
11	Pink	EQITW-E80
12	Orange	EQITW-E84
13	Purple	EQITW-E85
14	Blue	EQITW-E86
15	Yellow	EQITW-E88

RESULTS
1. TOTAL LEAD CONTENT IN SURFACE COATING:

The product shall comply with the Consumer Product Safety Act (CPSA) Regulations, 16 CFR 1303 and Consumer Product Safety Improvement Act (CPSIA). Surface coatings on toys and other articles intended for children shall not have total lead content in excess of 0.009 % (90 ppm).

Test method: The sample was analyzed by High Definition X-Ray Fluorescence Spectrometry (HD-XRF) according to ASTM F2853-10

Test No.	Material or Component	Lead Content (mg/kg)	Maximum Permissible Limit 90 mg/kg (CPSIA) (Pass/Fail)
		MDL: 5 mg/kg	
1	1	< 5 mg/kg	Pass
2	2	< 5 mg/kg	Pass
3	3	< 5 mg/kg	Pass
4	4	< 5 mg/kg	Pass
5	5	< 5 mg/kg	Pass
6	6	6.9 mg/kg	Pass

Test No.	Material or Component	Lead Content (mg/kg)	Maximum Permissible Limit 90 mg/kg (CPSIA) (Pass/Fail)
		MDL: 5 mg/kg	
7	7	< 5 mg/kg	Pass
8	8	< 5 mg/kg	Pass
9	9	< 5 mg/kg	Pass
10	10	< 5 mg/kg	Pass
11	11	< 5 mg/kg	Pass
12	12	< 5 mg/kg	Pass
13	13	< 5 mg/kg	Pass
14	14	< 5 mg/kg	Pass
15	15	< 5 mg/kg	Pass

Abbreviation: MDL = Method Detection Limit mg/kg denotes milligram per kilogram (ppm)

2. PHTHALATE CONTENT:

The product shall comply with the Consumer Product Safety Improvement Act (CPSIA). Children's toys or child care articles shall not containing more than 0.1% of benzyl butyl phthalate (BBP), dibutyl phthalate (DBP), or di-(2-ethylhexyl) phthalate (DEHP) and children's toys that can be placed in a child's mouth or child care articles shall not contain more than 0.1% of diisodecyl phthalate (DIDP), diisononyl phthalate (DINP), or di-n-octyl phthalate (DnOP). Additionally, according to Cal Prop 65 settlement, toys and childcare articles may not contain more than 1000 ppm (0.100%) of each of DBP, BBP, DEHP, DIDP, and Di -n-hexyl phthalate (DnHP).

Test method: The sample was analyzed by organic solvent extraction and GCMS according to CPSC-CH-C1001-09.3

Test No.	Material or Component	MDL: 0.005%							Maximum Permissible Limit 0.100 % (Pass/Fail)
		BBP (%)	DBP (%)	DEHP (%)	DIDP (%)	DINP (%)	DnOP (%)	DnHP (%)	
1	1,2,3	<0.005%	<0.005%	<0.005%	<0.005%	<0.005%	<0.005%	<0.005%	Pass
2	4,5,6	<0.005%	<0.005%	<0.005%	<0.005%	<0.005%	<0.005%	<0.005%	Pass
3	7,8,9	<0.005%	<0.005%	<0.005%	<0.005%	<0.005%	<0.005%	<0.005%	Pass
4	10,11,12	<0.005%	<0.005%	<0.005%	<0.005%	<0.005%	<0.005%	<0.005%	Pass
5	13,14,15	<0.005%	<0.005%	<0.005%	<0.005%	<0.005%	<0.005%	<0.005%	Pass

Abbreviation: MDL = Method Detection Limit
 DBP = Dibutyl phthalate
 BBP = Butyl benzyl phthalate
 DINP = Di-iso-nonyl phthalate
 DnHP = Di-n-hexyl phthalate
 DEHP = Di-2-ethylhexyl phthalate
 DnOP = Di-n-octyl phthalate
 DIDP = Di-iso-decyl phthalate

Test Report No.: **317S0311.001**

Page 4 of 4

Sample photo(s):



-- END --

TEST REPORT

Test Report No.: 317S0310.001
Report Date: 3 February 2017

Page 1 of 4

Client: Harry Emtiaz
 Image Technology Inc.
 1380 Knollwood Circle, Anaheim, CA, 92801
 Phone: 714-252-0160 (ext. 226)
 Email: harry@imagetechnology.com

Client Number: 50005002
Order Number: 145743
Date of Receipt: 30 January 2017
Item Description: Plastisol and Water Base Samples
of Samples Submitted: 15
Product Code: See Material List
Style Number: NA
Color: See Material List
UPC: NA
PO: NELAB17
Country of Origin: USA
Manufacturer's name: Image Technology Inc.
Country of Destination: NA
Retest? No
Delivery condition: *Apparent good*

Customer Test Instructions:

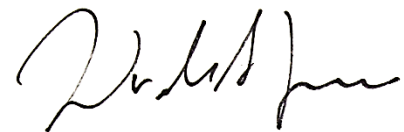
<i>Test specification:</i>	<i>Test result:</i>
1. Total Lead Content in Surface Coating – CPSIA/Cal Prop 65	Pass
2. Phthalate Content – CPSIA/Cal Prop 65	Pass

For and on behalf of
 TÜV Rheinland of North America



Mark Smith / Laboratory Manager
 Phone: (479) 250-0059
 Email: MSmith@us.tuv.com

For and on behalf of
 TÜV Rheinland of North America



William Tyree / Chemist
 Phone: (479) 250-1932
 Email: wtyree@us.tuv.com

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Test Report No.: **317S0310.001**

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Testing Period: 31 Jan 2017 to 3 Feb 2017

MATERIAL LIST

Material No.	Color	Component / Location
1	Black	X11198
2	White	X11118
3	Orange	X11388
4	Red	X11488
5	Maroon	X11489
6	Black	X11588
7	Blue	X11688
8	Blue	X11689
9	Green	X11788
10	Yellow	X11888
11	Pink	X11980
12	Orange	X11984
13	Purple	X11985
14	Blue	X11986
15	Yellow	X11988

RESULTS

1. TOTAL LEAD CONTENT IN SURFACE COATING:

The product shall comply with the Consumer Product Safety Act (CPSA) Regulations, 16 CFR 1303 and Consumer Product Safety Improvement Act (CPSIA). Surface coatings on toys and other articles intended for children shall not have total lead content in excess of 0.009 % (90 ppm).

Test method: The sample was analyzed by High Definition X-Ray Fluorescence Spectrometry (HD-XRF) according to ASTM F2853-10

Test No.	Material or Component	Lead Content (mg/kg)	Maximum Permissible Limit 90 mg/kg (CPSIA) (Pass/Fail)
		MDL: 5 mg/kg	
1	1	< 5 mg/kg	Pass
2	2	< 5 mg/kg	Pass
3	3	< 5 mg/kg	Pass
4	4	< 5 mg/kg	Pass
5	5	< 5 mg/kg	Pass
6	6	< 5 mg/kg	Pass

Test Report No.: **317S0310.001**

Page 3 of 4

Test No.	Material or Component	Lead Content (mg/kg)	Maximum Permissible Limit 90 mg/kg (CPSIA) (Pass/Fail)
		MDL: 5 mg/kg	
7	7	< 5 mg/kg	Pass
8	8	< 5 mg/kg	Pass
9	9	< 5 mg/kg	Pass
10	10	< 5 mg/kg	Pass
11	11	< 5 mg/kg	Pass
12	12	< 5 mg/kg	Pass
13	13	< 5 mg/kg	Pass
14	14	< 5 mg/kg	Pass
15	15	< 5 mg/kg	Pass

Abbreviation: MDL = Method Detection Limit mg/kg denotes milligram per kilogram (ppm)

2. PHTHALATE CONTENT:

The product shall comply with the Consumer Product Safety Improvement Act (CPSIA). Children's toys or child care articles shall not containing more than 0.1% of benzyl butyl phthalate (BBP), dibutyl phthalate (DBP), or di-(2-ethylhexyl) phthalate (DEHP) and children's toys that can be placed in a child's mouth or child care articles shall not contain more than 0.1% of diisodecyl phthalate (DIDP), diisononyl phthalate (DINP), or di-n-octyl phthalate (DnOP). Additionally, according to Cal Prop 65 settlement, toys and childcare articles may not contain more than 1000 ppm (0.100%) of each of DBP, BBP, DEHP, DIDP, and Di -n-hexyl phthalate (DnHP).

Test method: The sample was analyzed by organic solvent extraction and GCMS according to CPSC-CH-C1001-09.3

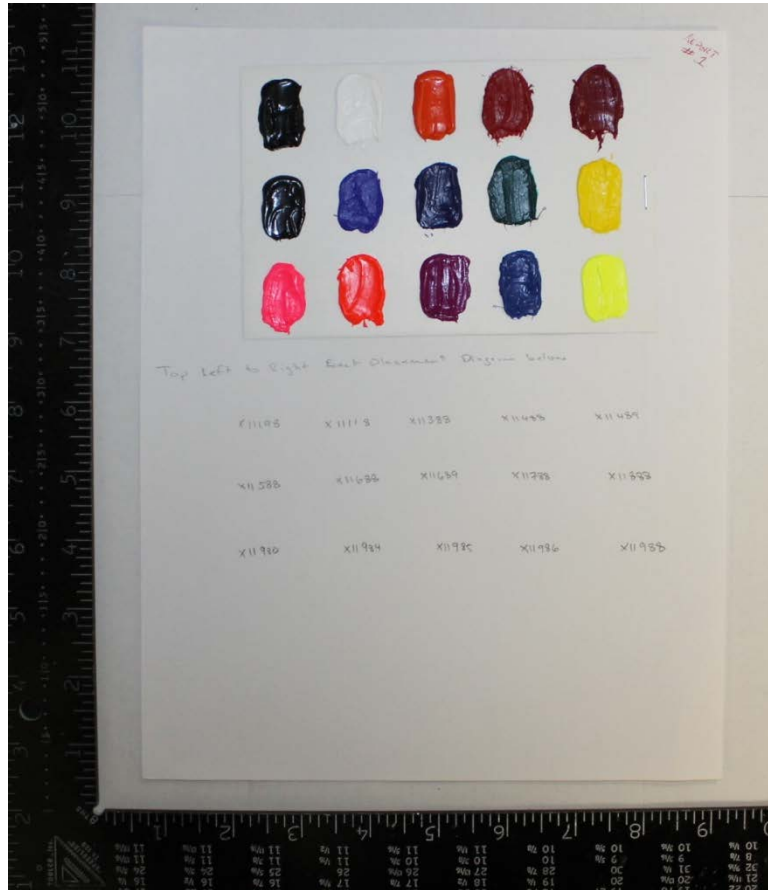
Test No.	Material or Component	MDL: 0.005%							Maximum Permissible Limit 0.100 % (Pass/Fail)
		BBP (%)	DBP (%)	DEHP (%)	DIDP (%)	DINP (%)	DnOP (%)	DnHP (%)	
1	1,2,3	<0.005%	<0.005%	<0.005%	<0.005%	<0.005%	<0.005%	<0.005%	Pass
2	4,5,6	<0.005%	<0.005%	<0.005%	<0.005%	<0.005%	<0.005%	<0.005%	Pass
3	7,8,9	<0.005%	<0.005%	<0.005%	<0.005%	<0.005%	<0.005%	<0.005%	Pass
4	10,11,12	<0.005%	<0.005%	<0.005%	<0.005%	<0.005%	<0.005%	<0.005%	Pass
5	13,14,15	<0.005%	<0.005%	<0.005%	<0.005%	<0.005%	<0.005%	<0.005%	Pass

Abbreviation: MDL = Method Detection Limit
 DBP = Dibutyl phthalate
 BBP = Butyl benzyl phthalate
 DINP = Di-iso-nonyl phthalate
 DnHP = Di-n-hexyl phthalate
 DEHP = Di-2-ethylhexyl phthalate
 DnOP = Di-n-octyl phthalate
 DIDP = Di-iso-decyl phthalate

Test Report No.: **317S0310.001**

Page 4 of 4

Sample photo(s):



-- END --

TEST REPORT

Test Report No.: 317S0315.001
Report Date: 3 February 2017

Page 1 of 4

Client: Harry Emtiaz
 Image Technology Inc.
 1380 Knollwood Circle, Anaheim, CA, 92801
 Phone: 714-252-0160 (ext. 226)
 Email: harry@imagetechnology.com

Client Number: 50005002
Order Number: 145743
Date of Receipt: 30 January 2017
Item Description: Plastisol and Water Base Samples
of Samples Submitted: 8
Product Code: See Material List
Style Number: NA
Color: See Material List
UPC: NA
PO: NELAB17
Country of Origin: USA
Manufacturer's name: Image Technology Inc.
Country of Destination: NA
Retest? No
Delivery condition: *Apparent good*

Customer Test Instructions:

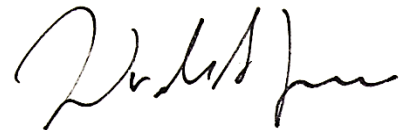
<i>Test specification:</i>	<i>Test result:</i>
1. Total Lead Content in Surface Coating – CPSIA/Cal Prop 65	Pass
2. Phthalate Content – CPSIA/Cal Prop 65	Pass

For and on behalf of
 TÜV Rheinland of North America



Mark Smith / Laboratory Manager
 Phone: (479) 250-0059
 Email: MSmith@us.tuv.com

For and on behalf of
 TÜV Rheinland of North America



William Tyree / Chemist
 Phone: (479) 250-1932
 Email: wtyree@us.tuv.com

This test report relates to the above mentioned test item and extent of tests performed. This test report is not permitted to be duplicated in extracts without permission of the test facility. This test report does not entitle any safety mark on this or similar products.

Test Report No.: **317S0315.001**

Page 2 of 4

Testing Period: 31 Jan 2017 to 3 Feb 2017

MATERIAL LIST

Material No.	Color	Component / Location
1	White	LB9200
2	White	LB9300
3	White	LB9425
4	White	LB9500
5	White	LB9600
6	White	SW0900
7	White	NW9050
8	White	HD9000

RESULTS

1. TOTAL LEAD CONTENT IN SURFACE COATING:

The product shall comply with the Consumer Product Safety Act (CPSA) Regulations, 16 CFR 1303 and Consumer Product Safety Improvement Act (CPSIA). Surface coatings on toys and other articles intended for children shall not have total lead content in excess of 0.009 % (90 ppm).

Test method: The sample was analyzed by High Definition X-Ray Fluorescence Spectrometry (HD-XRF) according to ASTM F2853-10

Test No.	Material or Component	Lead Content (mg/kg)	Maximum Permissible Limit 90 mg/kg (CPSIA) (Pass/Fail)
		MDL: 5 mg/kg	
1	1	< 5 mg/kg	Pass
2	2	< 5 mg/kg	Pass
3	3	< 5 mg/kg	Pass
4	4	< 5 mg/kg	Pass
5	5	< 5 mg/kg	Pass
6	6	< 5 mg/kg	Pass
7	7	< 5 mg/kg	Pass
8	8	< 5 mg/kg	Pass

Abbreviation: MDL = Method Detection Limit mg/kg denotes milligram per kilogram (ppm)

2. PHTHALATE CONTENT:

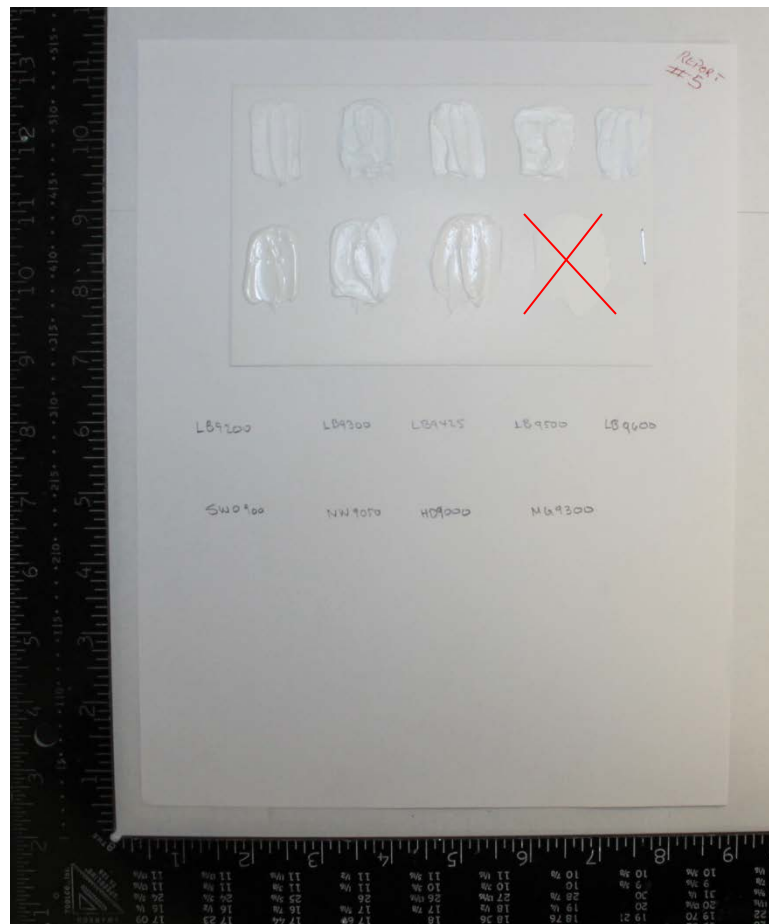
The product shall comply with the Consumer Product Safety Improvement Act (CPSIA). Children's toys or child care articles shall not containing more than 0.1% of benzyl butyl phthalate (BBP), dibutyl phthalate (DBP), or di-(2-ethylhexyl) phthalate (DEHP) and children's toys that can be placed in a child's mouth or child care articles shall not contain more than 0.1% of diisodecyl phthalate (DIDP), diisononyl phthalate (DINP), or di-*n*-octyl phthalate (DnOP). Additionally, according to Cal Prop 65 settlement, toys and childcare articles may not contain more than 1000 ppm (0.100%) of each of DBP, BBP, DEHP, DIDP, and Di -n-hexyl phthalate (DnHP).

Test method: The sample was analyzed by organic solvent extraction and GCMS according to CPSC-CH-C1001-09.3

Test No.	Material or Component	MDL: 0.005%							Maximum Permissible Limit 0.100 % (Pass/Fail)
		BBP (%)	DBP (%)	DEHP (%)	DIDP (%)	DINP (%)	DnOP (%)	DnHP (%)	
1	1,2,3	<0.005%	<0.005%	<0.005%	<0.005%	<0.005%	<0.005%	<0.005%	Pass
2	4,5,6	<0.005%	<0.005%	<0.005%	<0.005%	<0.005%	<0.005%	0.007%	Pass
3	7,8	<0.005%	<0.005%	<0.005%	<0.005%	<0.005%	<0.005%	<0.005%	Pass

Abbreviation: MDL = Method Detection Limit
 DBP = Dibutyl phthalate
 BBP = Butyl benzyl phthalate
 DINP = Di-iso-nonyl phthalate
 DnHP = Di-n-hexyl phthalate
 DEHP = Di-2-ethylhexyl phthalate
 DnOP = Di-n-octyl phthalate
 DIDP = Di-iso-decyl phthalate

Sample photo(s):



-- END --

TEST REPORT

Test Report No.: 317S0318.001
Report Date: 3 February 2017

Page 1 of 3

Client: Harry Emtiaz
 Image Technology Inc.
 1380 Knollwood Circle, Anaheim, CA, 92801
 Phone: 714-252-0160 (ext. 226)
 Email: harry@imagetechnology.com

Client Number: 50005002
Order Number: 145743
Date of Receipt: 30 January 2017
Item Description: Plastisol and Water Base Samples
of Samples Submitted: 3
Product Code: See Material List
Style Number: NA
Color: See Material List
UPC: NA
PO: NELAB17
Country of Origin: USA
Manufacturer's name: Image Technology Inc.
Country of Destination: NA
Retest? No
Delivery condition: *Apparent good*

Customer Test Instructions:

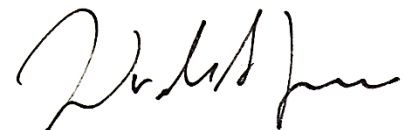
<i>Test specification:</i>	<i>Test result:</i>
1. Total Lead Content in Surface Coating – CPSIA/Cal Prop 65	Pass
2. Phthalate Content – CPSIA/Cal Prop 65	Pass

For and on behalf of
 TÜV Rheinland of North America



Mark Smith / Laboratory Manager
 Phone: (479) 250-0059
 Email: MSmith@us.tuv.com

For and on behalf of
 TÜV Rheinland of North America



William Tyree / Chemist
 Phone: (479) 250-1932
 Email: wtyree@us.tuv.com

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Test Report No.: **317S0318.001**

Page 2 of 3

Testing Period: 31 Jan 2017 to 3 Feb 2017

MATERIAL LIST

Material No.	Color	Component / Location
1	Black	QC8911
2	Black	QC8915
3	Black	QC8917

RESULTS

1. TOTAL LEAD CONTENT IN SURFACE COATING:

The product shall comply with the Consumer Product Safety Act (CPSA) Regulations, 16 CFR 1303 and Consumer Product Safety Improvement Act (CPSIA). Surface coatings on toys and other articles intended for children shall not have total lead content in excess of 0.009 % (90 ppm).

Test method: The sample was analyzed by High Definition X-Ray Fluorescence Spectrometry (HD-XRF) according to ASTM F2853-10

Test No.	Material or Component	Lead Content (mg/kg)	Maximum Permissible Limit 90 mg/kg (CPSIA) (Pass/Fail)
		MDL: 5 mg/kg	
1	1	< 5 mg/kg	Pass
2	2	< 5 mg/kg	Pass
3	3	< 5 mg/kg	Pass

Abbreviation: MDL = Method Detection Limit mg/kg denotes milligram per kilogram (ppm)

2. PHTHALATE CONTENT:

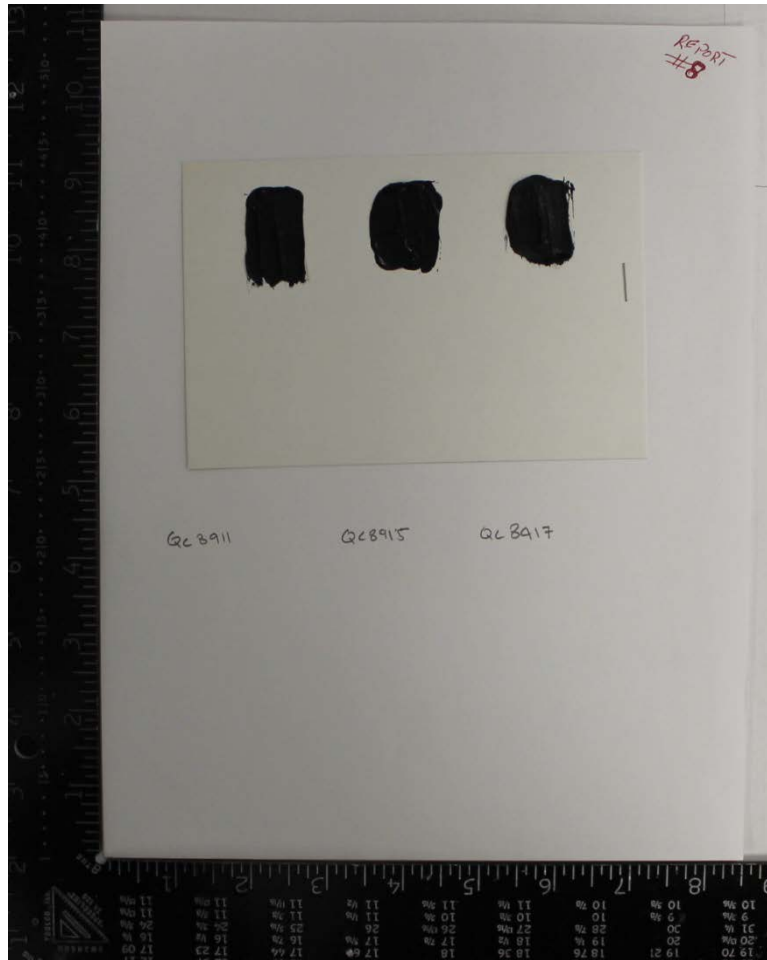
The product shall comply with the Consumer Product Safety Improvement Act (CPSIA). Children's toys or child care articles shall not containing more than 0.1% of benzyl butyl phthalate (BBP), dibutyl phthalate (DBP), or di-(2-ethylhexyl) phthalate (DEHP) and children's toys that can be placed in a child's mouth or child care articles shall not contain more than 0.1% of diisodecyl phthalate (DIDP), diisononyl phthalate (DINP), or di-n-octyl phthalate (DnOP). Additionally, according to Cal Prop 65 settlement, toys and childcare articles may not contain more than 1000 ppm (0.100%) of each of DBP, BBP, DEHP, DIDP, and Di -n-hexyl phthalate (DnHP).

Test method: The sample was analyzed by organic solvent extraction and GCMS according to CPSC-CH-C1001-09.3

Test No.	Material or Component	MDL: 0.005%							Maximum Permissible Limit 0.100 % (Pass/Fail)
		BBP (%)	DBP (%)	DEHP (%)	DIDP (%)	DINP (%)	DnOP (%)	DnHP (%)	
1	1,2,3	<0.005%	<0.005%	<0.005%	<0.005%	<0.005%	<0.005%	<0.005%	Pass

Abbreviation: MDL = Method Detection Limit
DBP = Dibutyl phthalate
BBP = Butyl benzyl phthalate
DINP = Di-iso-nonyl phthalate
DnHP = Di-n-hexyl phthalate
DEHP = Di-2-ethylhexyl phthalate
DnOP = Di-n-octyl phthalate
DIDP = Di-iso-decyl phthalate

Sample photo(s):



-- END --

TEST REPORT

Test Report No.: 317S0320.001
Report Date: 3 February 2017

Page 1 of 4

Client: Harry Emtiaz
Image Technology Inc.
 1380 Knollwood Circle, Anaheim, CA, 92801
 Phone: 714-252-0160 (ext. 226)
 Email: harry@imagetechnology.com

Client Number: 50005002
Order Number: 145743
Date of Receipt: 30 January 2017
Item Description: Plastisol and Water Base Samples
of Samples Submitted: 3
Product Code: See Material List
Style Number: NA
Color: See Material List
UPC: NA
PO: NELAB17
Country of Origin: USA
Manufacturer's name: Image Technology Inc.
Country of Destination: NA
Retest? No
Delivery condition: *Apparent good*

Customer Test Instructions:

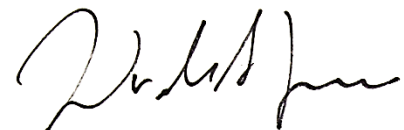
<i>Test specification:</i>	<i>Test result:</i>
1. Total Lead Content in Surface Coating – CPSIA/Cal Prop 65	Pass
2. Phthalate Content – CPSIA/Cal Prop 65	Pass

For and on behalf of
 TÜV Rheinland of North America



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 Phone: (479) 250-0059
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Test Report No.: **317S0320.001**

Page 2 of 4

Testing Period: 31 Jan 2017 to 3 Feb 2017

MATERIAL LIST

Material No.	Color	Component / Location
1	White	SB0700
2	Clear	SB0140
3	Black	QC8504

RESULTS

1. TOTAL LEAD CONTENT IN SURFACE COATING:

The product shall comply with the Consumer Product Safety Act (CPSA) Regulations, 16 CFR 1303 and Consumer Product Safety Improvement Act (CPSIA). Surface coatings on toys and other articles intended for children shall not have total lead content in excess of 0.009 % (90 ppm).

Test method: The sample was analyzed by High Definition X-Ray Fluorescence Spectrometry (HD-XRF) according to ASTM F2853-10

Test No.	Material or Component	Lead Content (mg/kg)	Maximum Permissible Limit 90 mg/kg (CPSIA) (Pass/Fail)
		MDL: 5 mg/kg	
1	1	< 5 mg/kg	Pass
2	2	< 5 mg/kg	Pass
3	3	< 5 mg/kg	Pass

Abbreviation: MDL = Method Detection Limit mg/kg denotes milligram per kilogram (ppm)

2. PHTHALATE CONTENT:

The product shall comply with the Consumer Product Safety Improvement Act (CPSIA). Children's toys or child care articles shall not containing more than 0.1% of benzyl butyl phthalate (BBP), dibutyl phthalate (DBP), or di-(2-ethylhexyl) phthalate (DEHP) and children's toys that can be placed in a child's mouth or child care articles shall not contain more than 0.1% of diisodecyl phthalate (DIDP), diisononyl phthalate (DINP), or di-*n*-octyl phthalate (DnOP). Additionally, according to Cal Prop 65 settlement, toys and childcare articles may not contain more than 1000 ppm (0.100%) of each of DBP, BBP, DEHP, DIDP, and Di -n-hexyl phthalate (DnHP).

Test method: The sample was analyzed by organic solvent extraction and GCMS according to CPSC-CH-C1001-09.3

Test No.	Material or Component	MDL: 0.005%							Maximum Permissible Limit 0.100 % (Pass/Fail)
		BBP (%)	DBP (%)	DEHP (%)	DIDP (%)	DINP (%)	DnOP (%)	DnHP (%)	
1	1	<0.005%	<0.005%	<0.005%	<0.005%	<0.005%	<0.005%	<0.005%	Pass
2	2	<0.005%	<0.005%	<0.005%	<0.005%	<0.005%	<0.005%	<0.005%	Pass
3	3	<0.005%	<0.005%	<0.005%	<0.005%	<0.005%	<0.005%	<0.005%	Pass

Abbreviation: MDL = Method Detection Limit
 DBP = Dibutyl phthalate
 BBP = Butyl benzyl phthalate
 DINP = Di-iso-nonyl phthalate
 DnHP = Di-n-hexyl phthalate
 DEHP = Di-2-ethylhexyl phthalate
 DnOP = Di-n-octyl phthalate
 DIDP = Di-iso-decyl phthalate

Test Report No.: 317S0320.001

Page 4 of 4

Sample photo(s):



-- END --

CERTIFICATE OF COMPLIANCE



Roland DG Eco-Sol Max 2 Ink

29568-420

Certificate Number

04/12/2013 - 04/12/2017

Certificate Period

Certified

Status

UL 2818 - 2013 Gold Standard for Chemical Emissions for Building Materials, Finishes and Furnishings

Interior finishes and furnishings are determined compliant in accordance with California Department of Public Health (CDPH) Standard Method V1.1-2010 using an Office and Classroom Environment.

Product tested in accordance with UL 2821 test method to show compliance to emission limits on UL 2818. Section 7.1 and 7.2.



Environment

GREENGUARD Gold Certification Criteria for Building Products and Interior Finishes

Criteria	CAS Number	Maximum Allowable Predicted Concentration	Units
TVOC ^(A)	-	0.22	mg/m ³
Formaldehyde	50-00-0	9 (7.3 ppb)	µg/m ³
Total Aldehydes ^(B)	-	0.043	ppm
4-Phenylcyclohexene	4994-16-5	6.5	µg/m ³
Particle Matter less than 10 µm ^(C)	-	20	µg/m ³
1-Methyl-2-pyrrolidinone ^(D)	872-50-4	160	µg/m ³
Individual VOCs ^(E)	-	1/2 CREL or 1/100th TLV	-

- (A) Defined to be the total response of measured VOCs falling within the C₆ – C₁₆ range, with responses calibrated to a toluene surrogate.
- (B) The sum of all measured normal aldehydes from formaldehyde through nonanal, plus benzaldehyde, individually calibrated to a compound specific standard. Heptanal through nonanal are measured via TD/GC/MS analysis and the remaining aldehydes are measured using HPLC/UV analysis.
- (C) Particle emission requirement only applicable to HVAC Duct Products with exposed surface area in air streams (a forced air test with specific test method) and for wood finishing (sanding) systems.
- (D) Based on the CA Prop 65 Maximum Allowable Dose Level for inhalation of 3,200 µg/day and an inhalation rate of 20 m³/day
- (E) Allowable levels for chemicals not listed are derived from the lower of 1/2 the California Office of Environmental Health Hazard Assessment (OEHHA) Chronic Reference Exposure Level (CREL) as required per the CDPH/EHLB/Standard Method v1.1 and BIFMA level credit 7.6.2 and 1/100th of the Threshold Limit Value (TLV) industrial work place standard (Reference: American Conference of Government Industrial Hygienists, 6500 Glenway, Building D-7, and Cincinnati, OH 45211-4438).



Environment

Investigation report for a chemical substance contained in products

We are pleased to report the result of investigation for the following chemical substance.

1. Subject products

Products name
ESL4-4CY/4MG/4YE/4BK/4LC/4LM ESL4-WH/MT

2. Object chemical substances

chemical substances
Lead

3. Investigation Result

The chemical substance above is not contained as raw material.

Sincerely yours.



Kaoru Okabe

General Manager– Quality Assurance

Roland DG Corporation.

ATTN: MIMAKI USA, INC.

Investigation report on chemical substances in the raw materials of UV inks

In order to certify RoHS compliance, we hereby report the presence or absence of chemical substances in the raw materials for our UV ink (SPC-0371/0404HY series and LH-100 series).

For your information, we evaluate the substances by the presence or absence in the raw materials of the inks and do not measure or analyze the final product.

1. Object products

UV ink SPC-0371/0404HY series

SPC-0371K-2, SPC-0371C-6, SPC-0371M, SPC-0371Y, SPC-0371LC-6, SPC-0371LM-6, SPC-0371W-6, SPC-0371CL, SPC-0404HY

UV ink LH-100 series

SPC-0597 C, SPC-0597M, SP-0597Y, SPC-0597K, SPC-0597W, SPC-0597CL

2. Object substances

RoHS 6 substances

- Cadmium and its compounds
- Hexavalent chromium compounds
- Lead and its compounds
- Mercury and its compounds
- Polybrominated biphenyls (PBBs)
- Polybrominated diphenyl ethers (PBDEs)

3. Report

We do not use the above RoHS 6 substances intentionally except in a case that they are included as impurities.

Signature:

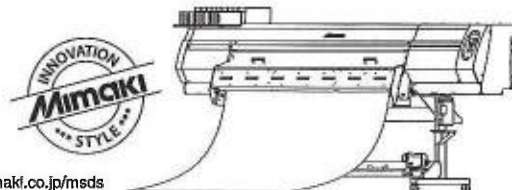
Shinichi Uehara

Date:

17 June 2013

Name: Shinichi Uehara
Title: General Manager of Quality Assurance Department
Company name: MIMAKI ENGINEERING CO., LTD.
Head office: 2182-3 Shigeno-otsu, Tomi-shi, Nagano 389-0512 JAPAN
Tel: +81-268-64-2382
Fax: +81-268-64-5580

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MIMAKI ENGINEERING CO., LTD. 2182-3 Shigeno-otsu, Tomi-shi, Nagano 389-0512 JAPAN Tel: +81-268-64-2281

MIMAKI USA, INC. 150 Satellite Boulevard, suite A, Suwanee, Georgia 30024, U.S.A. Tel: +1-678-730-0100

MIMAKI EUROPE B.V. Stammerdijk 7E 1112 AA Diemen The Netherlands Tel: +31-20-4627-640 MSDS URL: <http://www.mimaki.co.jp/msds>

ATTN: MIMAKI USA, INC.

Information to the regulation (EG) No. 1907/2006(REACH)
REACH-Substances of Very High Concern (SVHC)

We hereby certify that we do not use intentionally any chemical substances in the Item No.2 as the raw materials of UV ink SPC-0371/0404HY series specified in the Item No.1.

For your information, we evaluate the following substances by the presence or absence in the raw materials of the inks. Accordingly, we do not measure or analyze them.

Item No.1

UV ink SPC-0371/0404HY series

SPC-0371K-2, SPC-0371C-6, SPC-0371M, SPC-0371Y, SPC-0371LC-6, SPC-0371LM-6, SPC-0371W-6,
SPC-0371CL, SPC-0404HY

Item No.2

Candidate List of Substances (Last update 2013-12-19)

(See also website of the European Chemical Agency (EchA) <http://echa.europa.eu/>)

Signature: Shinichi Uehara Date: January 21, 2014

Name: Shinichi Uehara
Title: General Manager of Quality Assurance Department
Company name: MIMAKI ENGINEERING CO., LTD.
Head office: 2182-3 Shigeno-otsu, Tomi-shi, Nagano 389-0512 JAPAN
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ATTN: MIMAKI USA. INC.

Investigation report on chemical substances in the raw materials of our products

We hereby certify the presence or absence of chemical substances which are restricted under the regulation (EG) No.1907/2006 (REACH) REACH-Substances of Very High Concern (SVHC) in the raw materials of our products listed under 1.Products below.

Please be notified that we evaluated the raw materials of the products to determine the presence of the substances specified under 2.Object Substances below. We did not measure or analyze the final products themselves.

1. Products

UV ink LH-100 series (Cyan, Magenta, Yellow, Black, Light Cyan, Light Magenta, White, Clear)

2. Object Substances

Candidate List of Substances (Last update 2017-07-07)

(See also website of the European Chemical Agency (EchA) <http://echa.europa.eu/>)

3. Report


In our evaluation, among 174 substances specified under 2.Object Substances above, only 2 substances listed in Table 1 is found in the product. We certify that we did not find the other 172 substances in the raw materials of the product listed under 1.Products above.

Table 1

Product	Substance Name	Content(%)
LH-100 Black	Anthracene(CAS No. 120-12-7)	<0.001
	Benzo(a)pyrene(CAS No. 50-32-8)	<0.001

Company name: MIMAKI ENGINEERING CO., LTD.
Head office: 1628-1 Shigeno-otsu, Tomi-shi, Nagano 389-0512 JAPAN
Tel: +81-268-64-2382
Fax: +81-268-64-5580

Signature:



Date:

July 18, 2017

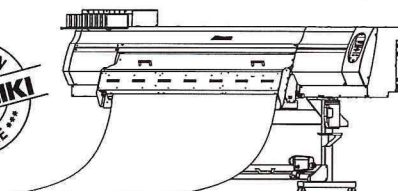
Name:

Yasunaga Kayama

Title:

General Manager of Quality Management and Support Center

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ATTN: MIMAKI USA, INC.
TO: Mr. Tomomitu Harada



MIMAKI ENGINEERING CO., LTD
First issue: 4/6/2011
Revised: / /

Investigation report on chemical substances in the raw materials of UV ink

We hereby certify that we do not use intentionally any chemical substances in the Item No.2 as the raw materials of UV inks specified in the Item No.1.

For your information, we evaluate the following substances by the presence or absence in the raw materials of the inks. Accordingly, we do not measure or analyze them.

Item No. 1

- | | |
|----------------------|------------------------|
| 1) SPC-0597C / 0659C | 4) SPC-0597K / 0659K |
| 2) SPC-0597M / 0659M | 5) SPC-0597W / 0659W |
| 3) SPC-0597Y / 0659Y | 6) SPC-0597CL / 0659CL |

Item No.2

Phthalates	
DOP (DEHP)	DNOP
DINP	BBP
DIDP	DBP
DnHP	

Signature:  Date: April 6, 2011
Name: Isao Tabayashi
Title: Director
General Manager of Inks & Media Business Unit.
Company name: MIMAKI ENGINEERING CO., LTD.
Head office: 2182-3OTSU, SHIGENO, TOMI-SHI, NAGANO 389-0512
JAPAN
Tel: +81-268-64-2413
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1049 Triad Court, Marietta, Georgia, 30062 • (770) 423-1400 Fax (770) 514-3299 • www.atslab.com

Summary of Test Results

US/CPSIA Safety Testing

Description of Product & Testing Information

Sample: Various UV Ink Colors

Customer: Mimaki USA

Date Received: September 14, 2012

Purchase Order #: HAGIGI091212

Test Report #: C188014

The following rules, bans, standards, and regulations apply for this product:

Product(s)	Compliance Pass/Fail	Law/ACT	US/State Regulation
SPC-0659C UV Ink LH-100 220ml Cyan SPC-0659K UV Ink LH-100 220ml Black SPC-0659M UV Ink LH-100 220ml Magenta SPC-0659W UV Ink LH-100 220ml White SPC-0659Y UV Ink LH-100 220 ml Yellow	Pass	CPSIA Section 101	16 CFR Part 1303; CPSC-CH-E1002-08 (Lead Ban)
	Pass	The Illinois Lead Poisoning Prevention Act	Limit on Total Lead Content in Surface Coatings of Children's Jewelry and Childcare Articles
	Pass	Connecticut Public Act 10-113	Limit on Total Cadmium in Children's Jewelry
	Pass	Maryland Chapter 578	Limit on Total Cadmium in Children's Jewelry
	Pass	CPSIA Section 106	ASTM F963-11, Clause 4.3.5.2 Soluble Metal Limits
	Pass	CPSIA Section 108	Phthalate Limits in Toys & Childcare Article
	Pass	California Proposition 65	Phthalate Limits

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In the state of North Carolina, Engineering Services will be provided by ATS Engineering, PLLC or a properly licensed subcontractor

In the state of New York, Engineering Services will be provided by Neville W. Sachs, P.E., PLLC or a properly licensed subcontractor



CHEMICAL TEST REPORT

Ref. C188014 Date September 19, 2012 Page 1 of 3

Customer: Mimaki USA, Inc., 150-A Satellite Blvd., Suwanee, GA 30024

Attention: Dann Hagigi

Purchase Order #: HAGIGI091212 Part /Name: Various (See Test Results Table Below)

Material Designation: Inks

Special Requirement: Samples prepared using microwave digestion techniques for lead and cadmium analyzed per CPSC-CH-E1003-09.

Lab Comment: ICP atomic emission techniques utilized to analyze for lead as per ASTM E1479-99(2005).

Test Results

Composition: (parts per million, mg/kg)

Table with 6 columns: Identification, Pb, Cd, Pass/Fail, and ATS. Rows include various ink samples (Cyan, Black, Magenta, White, Yellow) and their corresponding lead and cadmium levels.

†Requirements for children’s consumer products manufactured after August 14, 2011: Lead in accessible substrates 100 ppm maximum; Lead in paints and similar surface coatings 90 ppm maximum. Under Illinois law, children’s products containing between 40 ppm and 600 ppm lead must bear a warning statement that indicates that at least one component part of the item contains lead.

‡Requirement for children’s jewelry manufactured, sold, or distributed in Maryland after July 1, 2012 or Connecticut after July 1, 2014: Cadmium 75 ppm maximum.



Prepared by: [Signature] R. Byrd Technician
Approved by: [Signature] D. M. McKay Supervisor

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CHEMICAL TEST REPORT

Ref. C188014 Date September 19, 2012 Page 2 of 3

Customer: Mimaki USA, Inc., 150-A Satellite Blvd., Suwanee, GA 30024

Attention: Dann Hagigi

Purchase Order #: HAGIGI091212 Part #/Name: Various (See Test Results Table Below)

Material Designation: Inks

Special Requirement: Samples extracted and prepared in accordance with ASTM F963-11.

Lab Comment: ICP atomic emission techniques utilized to analyze for soluble migrated element as per ASTM F963-11: Standard Consumer Safety Specification for Toy Safety.

Test Results

Composition: (parts per million, mg/kg)

Table with 9 columns: Identification, Sb, As, Ba, Cd, Cr, Pb, Hg, Se. Rows include specifications for ASTM F963-11 and various UV Ink LH-100 220ml colors (Cyan, Black, Magenta, White, Yellow).

Sb-Antimony; As-Arsenic; Ba-Barium; Cd-Cadmium; Cr-Chromium; Pb-Lead; Hg-Mercury; Se-Selenium.



Prepared by: [Signature] R. Byrd Technician
Approved by: [Signature] D. M. McKay Supervisor

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CHEMICAL TEST REPORT

Ref. C188014

Date September 19, 2012

Page 3 of 3

Customer: Mimaki USA, Inc., 150-A Satellite Blvd., Suwanee, GA 30024

Attention: Dann Hagigi

Purchase Order #: HAGIGI091212 Part #/Name: UV Ink LH-100 220 ml (Various Colors)

Material Designation: Inks

Special Requirement: N/A

Lab Comment: GC/MS was used to identify and quantify the phthalate compounds according to CPSC-CH-C1001-09.3.

Test Results

Composition: (parts per million, mg/kg)

Table with 8 columns: Identification, DnHP, DnBP, BBP, DEHP, DnOP, DINP, DIDP. Rows include SPC-0659C (Cyan), SPC-0659K (Black), SPC-0659M (Magenta), SPC-0659W (White), and SPC-0659Y (Yellow). All results are *N.D.

*N.D. - None Detected <50 ppm: Di-n-Hexyl Phthalate (DnHP) Di-n-Butyl Phthalate (DnBP), Butyl Benzyl Phthalate (BBP), Di-Ethyl Hexyl Phthalate (DEHP), Di-n-Octyl Phthalate (DnOP), Di-Isononyl Phthalate (DINP) and Di Isodecyl Phthalate (DIDP)

§CPSIA Subsection 108(a) requirement for phthalates ‡CA Prop 65 requirements for phthalates



Prepared by: M. M. Tippens Technician

Approved by: D. M. McKay Supervisor

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CONSUMER PRODUCTS SERVICES DIVISION

INKCUPS NOW

Technical Report: (5112)138-0101
Date Received: May 17, 2012

May 25, 2012
Page 1 of 3

MICHAEL BISELL
INKCUPS NOW
20 LOCUST ST., SUITE 104
DANVERS, MA 01923
UNITED STATES

Sample Description:	SB 77 RE	Sample Size:	1
Vendor:	INKCUPS NOW	Style No(s):	N/A
Manufacturer:	SERICOM	SKN/SKU No.:	N/A
Buyer:	N/A	PO No.:	8748
Labeled Age Grade:	N/A	Ref #:	N/A
Appropriate Age Grade:	N/A	Country of Origin:	ITALY
Client Specified Age:	N/A	Assortment No.:	N/A
Grade:			
Tested Age Grade:	N/A		
UPC Code:	N/A		

EXECUTIVE SUMMARY:

The sample(s) was tested to the following requirement(s) and the data provided is for informational purposes only:

- The bisphenol-A (BPA) content requirements of various state laws (eg. CT Public Act# 09-103, MN Chapter 40 SF #247, 2009 WI Act 145, Safe Baby Bottle Act, SSB 6248), Canadian (CHPA R.S., c. H-3, Schedule I, Part I, Item 16), and European (2011/8/EU) laws.

BVCPS Buffalo Contact Information for this Report:

Administrative Questions: Michelle Korkowicz Phone: 716-505-3583 michelle.korkowicz@us.bureauveritas.com
 Technical Questions: Christopher Thiel Phone: 716-505-3435 christopher.thiel@us.bureauveritas.com

Bureau Veritas
Consumer Products Services, Inc.

Christopher Thiel, Senior Analyst
Health, Beauty, Household and Food Products
Christopher.Thiel@us.bureauveritas.com

/gs



RESULTS:

BISPHENOL-A (BPA) CONTENT (Various state laws (eg. CT Public Act# 09-103, MN Chapter 40 SF #247, 2009 WI Act 145, Safe Baby Bottle Act, SSB 6248), Canadian (CHPA R.S., c. H-3, Schedule I, Part I, Item 16), and European (2011/8/EU) laws.)

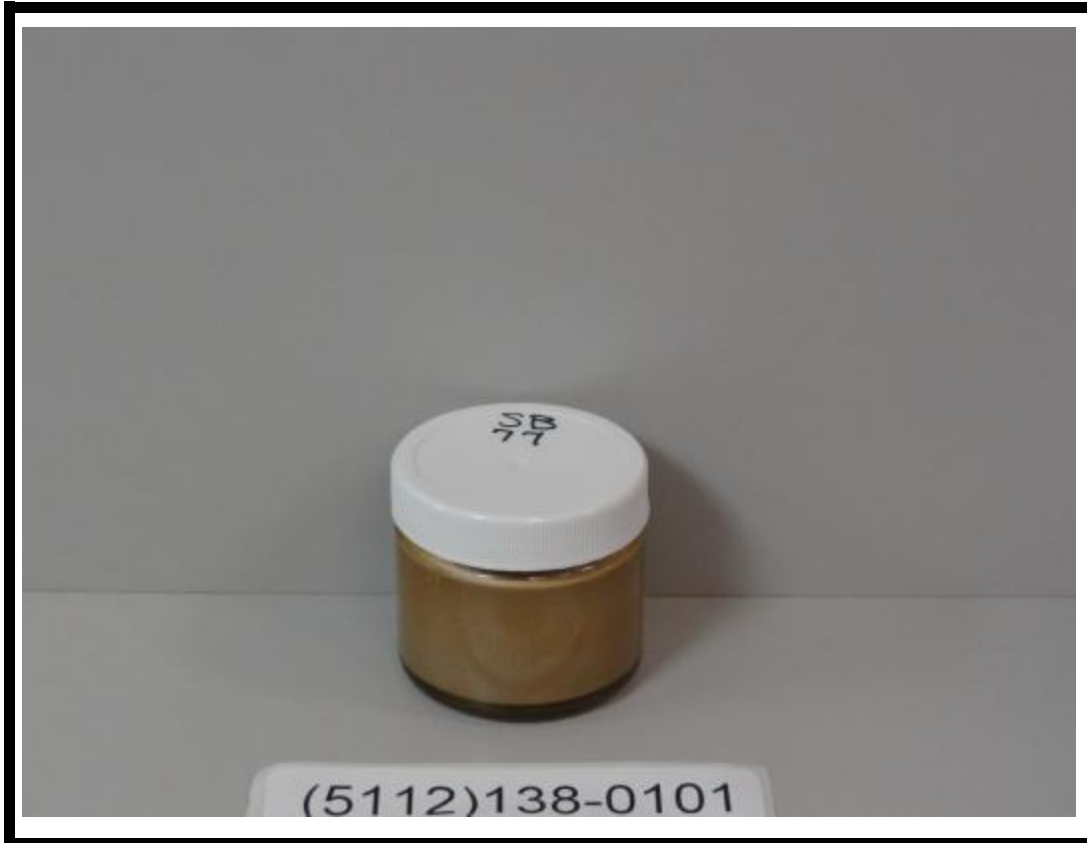
Parameter:			Bisphenol-A	
Maximum allowable limit:			--	
Test Component			Result (mg/kg (ppm))	Conclusion
Color/Component	Location	Style No.		
A. Bronze Liquid	-	-	ND	Data

mg/kg (ppm) = milligrams per kilogram (ppm = parts per million)

ND = Not detected above reporting limit of 1 mg/kg

LT = Less than

EXHIBIT #1



SAMPLE PRODUCT

TEST REPORT

Test Report # 17H-000683 Date of Report Issue: February 7, 2017
Date of Sample Received: February 1, 2017 Pages: Page 1 of 27

CLIENT INFORMATION:

Company: Inkcups Now
Recipient: Joe Shairs
Recipient Email: joes@inkcups.com



SAMPLE INFORMATION:

Description:	CG Series Ink	Purchase Order Number:	-
Assortment:	-	Toy Co./Agency:	-
SKU/style No.:	-	Country of Origin:	Italy
Factory/Supplier/Vendor:	-	Labeled Age Grade:	-
Country of Distribution:	-	Recommended Age Grade:	-
Quantity Submitted:	1 lot	Tested Age Grade:	-
Testing Period:	02/01/2017 – 02/07/2017		

OVERALL RESULT:

 **PASS**

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

ANSECO GROUP (HK) LIMITED



Loska Yeung Lok Ka
Leader, Chemical Laboratory

ANSECO GROUP (HK) LIMITED • 3/F Liven House • No. 61 – 63 King Yip Street • Kwun Tong • Kowloon • Hong Kong • Tel: (852)3185 8000

The above test(s) is/are accredited under the laboratory's ISO/IEC 17025 accreditation issued by the ANSI-ASQ National Accreditation Board (ANAB) according to certificate and scope of accreditation (Certificate # AT-1500.) Test(s) marked with '#' is/are not covered under the scope of accreditation.

The test result(s) and conclusion(s) in this report relate to the sample(s) tested as described herein.

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ANAB is recognized by ILAC, APLAC and IAAC as a signatory of multilateral recognition arrangements that facilitate acceptance of test internationally.

TEST RESULTS SUMMARY:

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

CONCLUSION	TEST(S) CONDUCTED
PASS	CPSIA Section 106 & ASTM F963-11 Toy Safety, Clause 4.3.5 Total Elements Screening in Paint and Similar Surface Coatings
PASS	ASTM F2923-14 Consumer Product Safety for Children’s Jewelry, Clause 8 Total Elements Screening in Paint and Surface Coatings
PASS	CPSIA Section 101 & 16 CFR 1303, Total Lead in Paints and Surface Coatings
PASS	The Illinois Lead Poisoning Prevention Act (LPPA) (410 ILCS 45/6), Total Lead in Paints and Surface Coatings of Children’s Jewelry and Childcare Articles
PASS	Connecticut General Statutes Title 21a Chapter 416, Section 21a-12d Total Cadmium in Children’s Jewelry
PASS	Maryland Chapter 578 (House Bill 145), Total Cadmium in Children’s Jewelry
PASS	Minnesota Chapter 347-S.F. No. 2510, Total Cadmium Screening in Children’s Jewelry
PASS	CPSIA Section 108, Phthalates – Mouthable (DBP, BBP, DEHP, DnOP, DINP, DIDP)
PASS	California Proposition 65, Phthalates (DBP, BBP, DEHP, DINP, DIDP, DnHP)
PASS	CPSC Proposed Rules 16 CFR 1307 Prohibition of Children’s Toys and Child Care Articles Containing Specified Phthalates [#]
PASS	Canadian Toys Regulations (SOR/2011-17 amended by SOR/2016-195 & SOR/2016-302) - Total 7 HM Screening in Surface Coating (Total Pb, Total Hg & Leachable Heavy Metals)
PASS	Canadian Surface Coating Materials Regulations SOR/2016-193, Total Lead and Mercury in Paints and Surface Coatings
PASS	Mexican Environmental Health NOM-252-SSA1-2011, Total Elements Screening from Toys and School Supplies

DETAILED RESULTS:

CPSIA Section 106 & ASTM F963-11 Toy Safety, Clause 4.3.5 Total Elements Screening in Paint and Similar Surface Coatings

Test Method: ASTM F963-11 Clause 8.3.1
 Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Specimen No.	1+2+3	4+5+6	7+8+9	10+11+12	13+14+15	Soluble Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Antimony (Sb)	ND	ND	ND	ND	ND	60
Total Arsenic (As)	ND	ND	ND	ND	ND	25
Total Barium (Ba)	ND	370	ND	ND	ND	1000
Total Cadmium (Cd)	ND	ND	ND	ND	ND	75
Total Chromium (Cr)	ND	ND	ND	ND	ND	60
Total Lead (Pb)	ND	ND	ND	ND	21	90
Total Mercury (Hg)	ND	ND	ND	ND	ND	60
Total Selenium (Se)	ND	ND	ND	ND	ND	500
Conclusion	PASS	PASS	PASS	PASS	PASS	

Note:

ppm (Parts per million) = mg/kg (Milligrams per kilogram)
 LT = Less than
 ND = Not detected (Reporting Limit: Sb, As, Ba, Cd, Cr, Pb, Hg = 20 ppm; Se = 50 ppm)
 Composite results are based on specimen of least mass resulting in highest potential concentration.

Remark:

The total heavy metals screening results do not exceed the soluble heavy metal limits, therefore, further soluble analyses were not conducted.

DETAILED RESULTS:

CPSIA Section 106 & ASTM F963-11 Toy Safety, Clause 4.3.5 Total Elements Screening in Paint and Similar Surface Coatings

Test Method: ASTM F963-11 Clause 8.3.1

Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Specimen No.	16+17+18	19+20+21	22+23	24+25	---	Soluble Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Antimony (Sb)	ND	ND	ND	ND	---	60
Total Arsenic (As)	ND	ND	ND	ND	---	25
Total Barium (Ba)	760	540	ND	ND	---	1000
Total Cadmium (Cd)	ND	ND	ND	ND	---	75
Total Chromium (Cr)	ND	ND	ND	ND	---	60
Total Lead (Pb)	ND	ND	ND	ND	---	90
Total Mercury (Hg)	ND	ND	ND	ND	---	60
Total Selenium (Se)	ND	ND	ND	ND	---	500
Conclusion	PASS	PASS	PASS	PASS	---	

Note:

ppm (Parts per million) = mg/kg (Milligrams per kilogram)

LT = Less than

ND = Not detected (Reporting Limit: Sb, As, Ba, Cd, Cr, Pb, Hg = 20 ppm; Se = 50 ppm)

Composite results are based on specimen of least mass resulting in highest potential concentration.

Remark:

The total heavy metals screening results do not exceed the soluble heavy metal limits, therefore, further soluble analyses were not conducted.

DETAILED RESULTS:

ASTM F2923-14 Consumer Product Safety for Children’s Jewelry, Clause 8 Total Elements Screening in Paint and Surface Coatings

Test Method: ASTM F963-11 Clause 8.3.1

Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Specimen No.	1+2+3	4+5+6	7+8+9	10+11+12	13+14+15	Soluble Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Antimony (Sb)	ND	ND	ND	ND	ND	60
Total Arsenic (As)	ND	ND	ND	ND	ND	25
Total Barium (Ba)	ND	370	ND	ND	ND	1000
Total Cadmium (Cd)	ND	ND	ND	ND	ND	75
Total Chromium (Cr)	ND	ND	ND	ND	ND	60
Total Mercury (Hg)	ND	ND	ND	ND	ND	60
Total Selenium (Se)	ND	ND	ND	ND	ND	500
Conclusion	PASS	PASS	PASS	PASS	PASS	

Note:

ppm (Parts per million) = mg/kg (Milligrams per kilogram)

LT = Less than

ND = Not detected (Reporting Limit: Sb, As, Ba, Cd, Cr, Hg = 20 ppm; Se = 50 ppm)

Composite results are based on specimen of least mass resulting in highest potential concentration.

Remark:

The total heavy metals screening results do not exceed the soluble heavy metal limits, therefore, further soluble analyses were not conducted.

DETAILED RESULTS:

ASTM F2923-14 Consumer Product Safety for Children’s Jewelry, Clause 8 Total Elements Screening in Paint and Surface Coatings

Test Method: ASTM F963-11 Clause 8.3.1
 Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Specimen No.	16+17+18	19+20+21	22+23	24+25	---	Soluble Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Antimony (Sb)	ND	ND	ND	ND	---	60
Total Arsenic (As)	ND	ND	ND	ND	---	25
Total Barium (Ba)	760	540	ND	ND	---	1000
Total Cadmium (Cd)	ND	ND	ND	ND	---	75
Total Chromium (Cr)	ND	ND	ND	ND	---	60
Total Mercury (Hg)	ND	ND	ND	ND	---	60
Total Selenium (Se)	ND	ND	ND	ND	---	500
Conclusion	PASS	PASS	PASS	PASS	---	

Note:

ppm (Parts per million) = mg/kg (Milligrams per kilogram)

LT = Less than

ND = Not detected (Reporting Limit: Sb, As, Ba, Cd, Cr, Hg = 20 ppm; Se = 50 ppm)

Composite results are based on specimen of least mass resulting in highest potential concentration.

Remark:

The total heavy metals screening results do not exceed the soluble heavy metal limits, therefore, further soluble analyses were not conducted.

DETAILED RESULTS:

CPSIA Section 101 & 16 CFR 1303, Total Lead in Paints and Surface Coatings

Test Method: CPSC-CH-E-1003-09.1
 Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Specimen No.	1+2+3	4+5+6	7+8+9	10+11+12	13+14+15	Total Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Lead (Pb)	ND	ND	ND	ND	21	90
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	16+17+18	19+20+21	22+23	24+25	---	Total Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Lead (Pb)	ND	ND	ND	ND	---	90
Conclusion	PASS	PASS	PASS	PASS	---	

Note:

ppm (Parts per million) = mg/kg (Milligrams per kilogram)

LT = Less than

ND = Not detected (Reporting Limit = 20 ppm)

Composite results are based on specimen of least mass resulting in highest potential concentration.

DETAILED RESULTS:

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

Test Method: CPSC-CH-E1003-09.1

Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Specimen No.	1+2+3	4+5+6	7+8+9	10+11+12	13+14+15	Total Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Lead (Pb)	ND	ND	ND	ND	21	40
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	16+17+18	19+20+21	22+23	24+25	---	Total Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Lead (Pb)	ND	ND	ND	ND	---	40
Conclusion	PASS	PASS	PASS	PASS	---	

Note:

ppm (Parts per million) = mg/kg (Milligrams per kilogram)

LT = Less than

ND = Not detected (Reporting Limit = 20 ppm)

Composite results are based on specimen of least mass resulting in highest potential concentration.

DETAILED RESULTS:

Connecticut General Statutes Title 21a Chapter 416, Section 21a-12d Total Cadmium in Children’s Jewelry

Test Method: ASTM F963-11 Clause 8.3.1

Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Specimen No.	1+2+3	4+5+6	7+8+9	10+11+12	13+14+15	Total Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Cadmium (Cd)	ND	ND	ND	ND	ND	75
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	16+17+18	19+20+21	22+23	24+25	---	Total Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Cadmium (Cd)	ND	ND	ND	ND	---	75
Conclusion	PASS	PASS	PASS	PASS	---	

Note:

ppm (Parts per million) = mg/kg (Milligrams per kilogram)

LT = Less than

ND = Not detected (Reporting Limit = 20 ppm)

Composite results are based on specimen of least mass resulting in highest potential concentration.

DETAILED RESULTS:

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

Test Method: ASTM F963-11 Clause 8.3.1

Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Specimen No.	1+2+3	4+5+6	7+8+9	10+11+12	13+14+15	Total Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Cadmium (Cd)	ND	ND	ND	ND	ND	75
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	16+17+18	19+20+21	22+23	24+25	---	Total Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Cadmium (Cd)	ND	ND	ND	ND	---	75
Conclusion	PASS	PASS	PASS	PASS	---	

Note:

ppm (Parts per million) = mg/kg (Milligrams per kilogram)

LT = Less than

ND = Not detected (Reporting Limit = 20 ppm)

Composite results are based on specimen of least mass resulting in highest potential concentration.

DETAILED RESULTS:

Minnesota Chapter 347-S.F. No. 2510, Total Cadmium Screening in Children’s Jewelry

Test Method: ASTM F963-11 Clause 8.3.1

Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Specimen No.	1+2+3	4+5+6	7+8+9	10+11+12	13+14+15	Soluble Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Cadmium (Cd)	ND	ND	ND	ND	ND	75
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	16+17+18	19+20+21	22+23	24+25	---	Soluble Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Cadmium (Cd)	ND	ND	ND	ND	---	75
Conclusion	PASS	PASS	PASS	PASS	---	

Note:

ppm (Parts per million) = mg/kg (Milligrams per kilogram)

LT = Less than

ND = Not detected (Reporting Limit = 20 ppm)

Composite results are based on specimen of least mass resulting in highest potential concentration.

Remark:

The total cadmium screening results did not exceed the soluble cadmium limit, therefore, further soluble analyses were not conducted.

DETAILED RESULTS:

CPSIA Section 108, Phthalates – Mouthable (DBP, BBP, DEHP, DnOP, DINP, DIDP)

Test Method: CPSC-CH-C1001-09.3

Analytical Method: Gas Chromatography with Mass Spectrometry

Specimen No.		1+2+3	4+5+6	7+8+9	10+11+12	Limit (ppm)
Test Item	CAS No.	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Dibutyl phthalate (DBP)	84-74-2	ND	ND	ND	ND	1000
Benzyl butyl phthalate (BBP)	85-68-7	ND	ND	ND	ND	1000
Di-(2-ethylhexyl) phthalate (DEHP)	117-81-7	ND	ND	ND	ND	1000
Di-n-octyl phthalate (DnOP)	117-84-0	ND	ND	ND	ND	1000
Diisononyl phthalate (DINP)	28553-12-0 68515-48-0	ND	ND	ND	ND	1000
Diisodecyl phthalate (DIDP)	26761-40-0 68515-49-1	ND	ND	ND	ND	1000
Conclusion		PASS	PASS	PASS	PASS	

Note:

ppm (Parts per million) = mg/kg (Milligrams per kilogram) = 0.0001 % m/m (Percent by mass)

LT = Less than

ND = Not detected (Reporting Limit = 120 ppm)

Composite results are based on specimen of least mass resulting in highest potential concentration.

DETAILED RESULTS:
CPSIA Section 108, Phthalates – Mouthable (DBP, BBP, DEHP, DnOP, DINP, DIDP)

Test Method: CPSC-CH-C1001-09.3

Analytical Method: Gas Chromatography with Mass Spectrometry

Specimen No.		13+14+15	16+17+18	19+20+21	22+23	Limit (ppm)
Test Item	CAS No.	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Dibutyl phthalate (DBP)	84-74-2	ND	ND	ND	ND	1000
Benzyl butyl phthalate (BBP)	85-68-7	ND	ND	ND	ND	1000
Di-(2-ethylhexyl) phthalate (DEHP)	117-81-7	ND	ND	ND	ND	1000
Di-n-octyl phthalate (DnOP)	117-84-0	ND	ND	ND	ND	1000
Diisononyl phthalate (DINP)	28553-12-0 68515-48-0	ND	ND	ND	ND	1000
Diisodecyl phthalate (DIDP)	26761-40-0 68515-49-1	ND	ND	ND	ND	1000
Conclusion		PASS	PASS	PASS	PASS	

Note:

ppm (Parts per million) = mg/kg (Milligrams per kilogram) = 0.0001 % m/m (Percent by mass)

LT = Less than

ND = Not detected (Reporting Limit = 120 ppm)

Composite results are based on specimen of least mass resulting in highest potential concentration.

DETAILED RESULTS:

CPSIA Section 108, Phthalates – Mouthable (DBP, BBP, DEHP, DnOP, DINP, DIDP)

Test Method: CPSC-CH-C1001-09.3

Analytical Method: Gas Chromatography with Mass Spectrometry

Specimen No.		24+25	---	---	---	Limit (ppm)
Test Item	CAS No.	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Dibutyl phthalate (DBP)	84-74-2	ND	---	---	---	1000
Benzyl butyl phthalate (BBP)	85-68-7	ND	---	---	---	1000
Di-(2-ethylhexyl) phthalate (DEHP)	117-81-7	ND	---	---	---	1000
Di-n-octyl phthalate (DnOP)	117-84-0	ND	---	---	---	1000
Diisononyl phthalate (DINP)	28553-12-0 68515-48-0	ND	---	---	---	1000
Diisodecyl phthalate (DIDP)	26761-40-0 68515-49-1	ND	---	---	---	1000
Conclusion		PASS	---	---	---	

Note:

ppm (Parts per million) = mg/kg (Milligrams per kilogram) = 0.0001 % m/m (Percent by mass)

LT = Less than

ND = Not detected (Reporting Limit = 120 ppm)

Composite results are based on specimen of least mass resulting in highest potential concentration.

DETAILED RESULTS:

California Proposition 65, Phthalates (DBP, BBP, DEHP, DINP, DIDP, DnHP)

Test Method: CPSC-CH-C1001-09.3

Analytical Method: Gas Chromatography with Mass Spectrometry

Specimen No.		1+2+3	4+5+6	7+8+9	10+11+12	Limit (ppm)
Test Item	CAS No.	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Dibutyl phthalate (DBP)	84-74-2	ND	ND	ND	ND	1000
Benzyl butyl phthalate (BBP)	85-68-7	ND	ND	ND	ND	1000
Di-(2-ethylhexyl) phthalate (DEHP)	117-81-7	ND	ND	ND	ND	1000
Diisononyl phthalate (DINP)	28553-12-0 68515-48-0	ND	ND	ND	ND	1000
Diisodecyl phthalate (DIDP)	26761-40-0 68515-49-1	ND	ND	ND	ND	1000
Di-n-hexyl phthalate (DnHP)	84-75-3	ND	ND	ND	ND	1000
Conclusion		PASS	PASS	PASS	PASS	

Note:

ppm (Parts per million) = mg/kg (Milligrams per kilogram) = 0.0001 % m/m (Percent by mass)

LT = Less than

ND = Not detected (Reporting Limit = 120 ppm)

Composite results are based on specimen of least mass resulting in highest potential concentration.

Remark:

The specification is quoted from client's requirement.

DETAILED RESULTS:

California Proposition 65, Phthalates (DBP, BBP, DEHP, DINP, DIDP, DnHP)

Test Method: CPSC-CH-C1001-09.3

Analytical Method: Gas Chromatography with Mass Spectrometry

Specimen No.		13+14+15	16+17+18	19+20+21	22+23	Limit (ppm)
Test Item	CAS No.	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Dibutyl phthalate (DBP)	84-74-2	ND	ND	ND	ND	1000
Benzyl butyl phthalate (BBP)	85-68-7	ND	ND	ND	ND	1000
Di-(2-ethylhexyl) phthalate (DEHP)	117-81-7	ND	ND	ND	ND	1000
Diisononyl phthalate (DINP)	28553-12-0 68515-48-0	ND	ND	ND	ND	1000
Diisodecyl phthalate (DIDP)	26761-40-0 68515-49-1	ND	ND	ND	ND	1000
Di-n-hexyl phthalate (DnHP)	84-75-3	ND	ND	ND	ND	1000
Conclusion		PASS	PASS	PASS	PASS	

Note:

ppm (Parts per million) = mg/kg (Milligrams per kilogram) = 0.0001 % m/m (Percent by mass)

LT = Less than

ND = Not detected (Reporting Limit = 120 ppm)

Composite results are based on specimen of least mass resulting in highest potential concentration.

Remark:

The specification is quoted from client's requirement.

DETAILED RESULTS:

California Proposition 65, Phthalates (DBP, BBP, DEHP, DINP, DIDP, DnHP)

Test Method: CPSC-CH-C1001-09.3

Analytical Method: Gas Chromatography with Mass Spectrometry

Specimen No.		24+25	---	---	---	Limit (ppm)
Test Item	CAS No.	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Dibutyl phthalate (DBP)	84-74-2	ND	---	---	---	1000
Benzyl butyl phthalate (BBP)	85-68-7	ND	---	---	---	1000
Di-(2-ethylhexyl) phthalate (DEHP)	117-81-7	ND	---	---	---	1000
Diisononyl phthalate (DINP)	28553-12-0 68515-48-0	ND	---	---	---	1000
Diisodecyl phthalate (DIDP)	26761-40-0 68515-49-1	ND	---	---	---	1000
Di-n-hexyl phthalate (DnHP)	84-75-3	ND	---	---	---	1000
Conclusion		PASS	---	---	---	

Note:

ppm (Parts per million) = mg/kg (Milligrams per kilogram) = 0.0001 % m/m (Percent by mass)

LT = Less than

ND = Not detected (Reporting Limit = 120 ppm)

Composite results are based on specimen of least mass resulting in highest potential concentration.

Remark:

The specification is quoted from client's requirement.

DETAILED RESULTS:

CPSC Proposed Rules 16 CFR 1307 Prohibition of Children’s Toys and Child Care Articles Containing Specified Phthalates

Test Method: AI|ANSECO Method#
 Analytical Method: Gas Chromatography with Mass Spectrometry

Specimen No.		1+2+3	4+5+6	7+8+9	10+11+12	Limit (ppm)
Test Item	CAS No.	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Dibutyl phthalate (DBP)	84-74-2	ND	ND	ND	ND	1000
Benzyl butyl phthalate (BBP)	85-68-7	ND	ND	ND	ND	1000
Di-(2-ethylhexyl) phthalate (DEHP)	117-81-7	ND	ND	ND	ND	1000
Diisononyl phthalate (DINP)	28553-12-0 68515-48-0	ND	ND	ND	ND	1000
Di-n-hexyl phthalate (DHEXP / DnHP)	84-75-3	ND	ND	ND	ND	1000
Dicyclohexyl phthalate (DCHP)	84-61-7	ND	ND	ND	ND	1000
Diisobutyl phthalate (DIBP)	84-69-5	ND	ND	ND	ND	1000
Di-n-pentyl phthalate (DPENP)	131-18-0	ND	ND	ND	ND	1000
Conclusion		PASS	PASS	PASS	PASS	

Note:

ppm (Parts per million) = mg/kg (Milligrams per kilogram) = 0.0001 % m/m (Percent by mass)

LT = Less than

ND = Not detected (Reporting Limit = 120 ppm)

Composite results are based on specimen of least mass resulting in highest potential concentration.

DETAILED RESULTS:

CPSC Proposed Rules 16 CFR 1307 Prohibition of Children’s Toys and Child Care Articles Containing Specified Phthalates

Test Method: AI|ANSECO Method#
 Analytical Method: Gas Chromatography with Mass Spectrometry

Specimen No.		13+14+15	16+17+18	19+20+21	22+23	Limit (ppm)
Test Item	CAS No.	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Dibutyl phthalate (DBP)	84-74-2	ND	ND	ND	ND	1000
Benzyl butyl phthalate (BBP)	85-68-7	ND	ND	ND	ND	1000
Di-(2-ethylhexyl) phthalate (DEHP)	117-81-7	ND	ND	ND	ND	1000
Diisononyl phthalate (DINP)	28553-12-0 68515-48-0	ND	ND	ND	ND	1000
Di-n-hexyl phthalate (DHEXP / DnHP)	84-75-3	ND	ND	ND	ND	1000
Dicyclohexyl phthalate (DCHP)	84-61-7	ND	ND	ND	ND	1000
Diisobutyl phthalate (DIBP)	84-69-5	ND	ND	ND	ND	1000
Di-n-pentyl phthalate (DPENP)	131-18-0	ND	ND	ND	ND	1000
Conclusion		PASS	PASS	PASS	PASS	

Note:

ppm (Parts per million) = mg/kg (Milligrams per kilogram) = 0.0001 % m/m (Percent by mass)

LT = Less than

ND = Not detected (Reporting Limit = 120 ppm)

Composite results are based on specimen of least mass resulting in highest potential concentration.

DETAILED RESULTS:

CPSC Proposed Rules 16 CFR 1307 Prohibition of Children’s Toys and Child Care Articles Containing Specified Phthalates

Test Method: AI|ANSECO Method#
 Analytical Method: Gas Chromatography with Mass Spectrometry

Specimen No.		24+25	---	---	---	Limit (ppm)
Test Item	CAS No.	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Dibutyl phthalate (DBP)	84-74-2	ND	---	---	---	1000
Benzyl butyl phthalate (BBP)	85-68-7	ND	---	---	---	1000
Di-(2-ethylhexyl) phthalate (DEHP)	117-81-7	ND	---	---	---	1000
Diisononyl phthalate (DINP)	28553-12-0 68515-48-0	ND	---	---	---	1000
Di-n-hexyl phthalate (DHEXP / DnHP)	84-75-3	ND	---	---	---	1000
Dicyclohexyl phthalate (DCHP)	84-61-7	ND	---	---	---	1000
Diisobutyl phthalate (DIBP)	84-69-5	ND	---	---	---	1000
Di-n-pentyl phthalate (DPENP)	131-18-0	ND	---	---	---	1000
Conclusion		PASS	---	---	---	

Note:

ppm (Parts per million) = mg/kg (Milligrams per kilogram) = 0.0001 % m/m (Percent by mass)

LT = Less than

ND = Not detected (Reporting Limit = 120 ppm)

Composite 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) - Total 7 HM Screening in Surface Coating (Total Pb, Total Hg & Leachable Heavy Metals)

Test Method: ASTM F963-11 Clause 8.3.1
 Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Specimen No.	1+2+3	4+5+6	7+8+9	10+11+12	13+14+15	Leachable Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Antimony (Sb)	ND	ND	ND	ND	ND	1000
Total Arsenic (As)	ND	ND	ND	ND	ND	1000
Total Barium (Ba)	ND	370	ND	ND	ND	1000
Total Cadmium (Cd)	ND	ND	ND	ND	ND	1000
Total Lead (Pb)	ND	ND	ND	ND	21	90*
Total Mercury (Hg)	ND	ND	ND	ND	ND	10*
Total Selenium (Se)	ND	ND	ND	ND	ND	1000
Conclusion	PASS	PASS	PASS	PASS	PASS	

Note:

ppm (Parts per million) = mg/kg (Milligrams per kilogram)

LT = Less than

ND = Not detected (Reporting Limit: Pb, Hg = 10 ppm; Sb, As, Ba, Cd, Se = 50 ppm)

Composite results are based on specimen of least mass resulting in highest potential concentration.

Remark:

*Total limit

The results of total elements screening did not exceed the limits of leachable elements, therefore further analysis of leachable elements was not conducted.

DETAILED RESULTS:

Canadian Toys Regulations (SOR/2011-17 amended by SOR/2016-195 & SOR/2016-302) - Total 7 HM Screening in Surface Coating (Total Pb, Total Hg & Leachable Heavy Metals)

Test Method: ASTM F963-11 Clause 8.3.1

Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Specimen No.	16+17+18	19+20+21	22+23	24+25	---	Leachable
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Limit (ppm)
Total Antimony (Sb)	ND	ND	ND	ND	---	1000
Total Arsenic (As)	ND	ND	ND	ND	---	1000
Total Barium (Ba)	760	540	ND	ND	---	1000
Total Cadmium (Cd)	ND	ND	ND	ND	---	1000
Total Lead (Pb)	ND	ND	ND	ND	---	90*
Total Mercury (Hg)	ND	ND	ND	ND	---	10*
Total Selenium (Se)	ND	ND	ND	ND	---	1000
Conclusion	PASS	PASS	PASS	PASS	---	

Note:

ppm (Parts per million) = mg/kg (Milligrams per kilogram)

LT = Less than

ND = Not detected (Reporting Limit: Pb, Hg = 10 ppm; Sb, As, Ba, Cd, Se = 50 ppm)

Composite results are based on specimen of least mass resulting in highest potential concentration.

Remark:

*Total limit

The results of total elements screening did not exceed the limits of leachable elements, therefore further analysis of leachable elements was not conducted.

DETAILED RESULTS:

Canadian Surface Coating Materials Regulations SOR/2016-193, Total Lead and Mercury in Paints and Surface Coatings

Test Method: ASTM F963-11 Clause 8.3.1

Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Specimen No.	1+2+3	4+5+6	7+8+9	10+11+12	13+14+15	Total Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Lead (Pb)	ND	ND	ND	ND	21	90
Total Mercury (Hg)	ND	ND	ND	ND	ND	10
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	16+17+18	19+20+21	22+23	24+25	---	Total Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Lead (Pb)	ND	ND	ND	ND	---	90
Total Mercury (Hg)	ND	ND	ND	ND	---	10
Conclusion	PASS	PASS	PASS	PASS	---	

Note:

ppm (Parts per million) = mg/kg (Milligrams per kilogram)

LT = Less than

ND = Not detected (Reporting Limit = 10 ppm)

Composite results are based on specimen of least mass resulting in highest potential concentration.

DETAILED RESULTS:

Mexican Environmental Health NOM-252-SSA1-2011, Total Elements Screening from Toys and School Supplies

Test Method: ASTM F963-11 Clause 8.3.1

Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Toy Material except Modelling Clay

Specimen No.	1+2+3	4+5+6	7+8+9	10+11+12	13+14+15	Soluble Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Antimony (Sb)	ND	ND	ND	ND	ND	60
Total Arsenic (As)	ND	ND	ND	ND	ND	25
Total Barium (Ba)	ND	370	ND	ND	ND	1000
Total Cadmium (Cd)	ND	ND	ND	ND	ND	75
Total Chromium (Cr)	ND	ND	ND	ND	ND	60
Total Lead (Pb)	ND	ND	ND	ND	21	90
Total Mercury (Hg)	ND	ND	ND	ND	ND	60
Total Selenium (Se)	ND	ND	ND	ND	ND	500
Conclusion	PASS	PASS	PASS	PASS	PASS	

Note:

ppm (Parts per million) = mg/kg (Milligrams per kilogram)

LT = Less than

ND = Not detected (Reporting Limit: Sb, As, Ba, Cd, Cr, Pb, Hg = 20 ppm; Se = 50 ppm)

Composite results are based on specimen of least mass resulting in highest potential concentration

Remark:

The total heavy metals screening results do not exceed the soluble heavy metal limits, therefore, further soluble analyses were not conducted.

DETAILED RESULTS:

Mexican Environmental Health NOM-252-SSA1-2011, Total Elements Screening from Toys and School Supplies

Test Method: ASTM F963-11 Clause 8.3.1

Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Toy Material except Modelling Clay

Specimen No.	16+17+18	19+20+21	22+23	24+25	---	Soluble Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Antimony (Sb)	ND	ND	ND	ND	---	60
Total Arsenic (As)	ND	ND	ND	ND	---	25
Total Barium (Ba)	760	540	ND	ND	---	1000
Total Cadmium (Cd)	ND	ND	ND	ND	---	75
Total Chromium (Cr)	ND	ND	ND	ND	---	60
Total Lead (Pb)	ND	ND	ND	ND	---	90
Total Mercury (Hg)	ND	ND	ND	ND	---	60
Total Selenium (Se)	ND	ND	ND	ND	---	500
Conclusion	PASS	PASS	PASS	PASS	---	

Note:

ppm (Parts per million) = mg/kg (Milligrams per kilogram)

LT = Less than

ND = Not detected (Reporting Limit: Sb, As, Ba, Cd, Cr, Pb, Hg = 20 ppm; Se = 50 ppm)

Composite results are based on specimen of least mass resulting in highest potential concentration

Remark:

The total heavy metals screening results do not exceed the soluble heavy metal limits, therefore, further soluble analyses were not conducted.

SPECIMEN DESCRIPTION:

Specimen No.	Specimen Description	Location
1	Yellow ink (CG Series 110)	Raw material
2	Dull yellow ink (CG Series 111)	Raw material
3	Matt yellow ink (CG Series 112)	Raw material
4	Orange ink (CG Series 115)	Raw material
5	Dull orange ink (CG Series 120)	Raw material
6	Red ink (CG Series 121)	Raw material
7	Dull red ink (CG Series 122)	Raw material
8	Purple ink (CG Series 124)	Raw material
9	Blue ink (CG Series 130)	Raw material
10	Dull blue ink (CG Series 132)	Raw material
11	Matt blue ink (CG Series 133)	Raw material
12	Light blue ink (CG Series 134)	Raw material
13	Purplish blue ink (CG Series 136)	Raw material
14	Off blue ink (CG Series 139)	Raw material
15	Green ink (CG Series 140)	Raw material
16	Deep green ink (CG Series 141)	Raw material
17	Turquoise ink (CG Series 142)	Raw material
18	Brown ink (CG Series 150)	Raw material
19	Dull brown ink (CG Series 151)	Raw material
20	White ink (CG Series 160)	Raw material
21	Black ink (CG Series 165)	Raw material
22	Bright golden ink (CG Series 75)	Raw material
23	Sharp golden ink (CG Series 76)	Raw material
24	Bright brown ink (CG Series 77)	Raw material
25	Silvery ink (CG Series 79/050)	Raw material

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SAMPLE PHOTO:



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TEST REPORT

Test Report # 16H-05758 Date of Report Issue: September 14, 2016
Date of Sample Received: September 5, 2016 Pages: Page 1 of 20

CLIENT INFORMATION:

Company: Inkcups Now
Recipient: Joe Shairs
Recipient Email: joes@inkcups.com



SAMPLE INFORMATION:

Description: DP Ink, 160, 165, 111, 115, 124, 130, 132, 133, 141, 122
Assortment: - Purchase Order Number: -
SKU/style No.: - Toy Co./Agency: -
Factory/Supplier/Vendor: - Country of Origin: -
Country of Distribution: - Labeled Age Grade: -
Quantity Submitted: 1 lot Recommended Age Grade: -
Testing Period: 09/05/2016 – 09/09/2016 Tested Age Grade: -
09/12/2016 – 09/14/2016

OVERALL RESULT:

 **PASS**

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

ANSECO GROUP (HK) LIMITED



Vincent Chow Wai Kit
Manager, Chemical Laboratory

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TEST RESULTS SUMMARY:

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

CONCLUSION	TEST(S) CONDUCTED
PASS	CPSIA Section 106 & ASTM F963-11 Toy Safety, Clause 4.3.5 Total Elements Screening in Paint and Similar Surface Coatings
PASS	CPSIA Section 106 & ASTM F963-11 Toy Safety, Clause 4.3.5 Soluble Elements in Substrate Materials
PASS	ASTM F2923-14 Consumer Product Safety for Children’s Jewelry, Clause 8 Total Elements Screening in Paint and Surface Coatings
PASS	ASTM F2923-14 Consumer Product Safety for Children’s Jewelry, Clause 8 Soluble Elements in Paint and Surface Coatings
PASS	CPSIA Section 101 & 16 CFR 1303, Total Lead in Paints and Surface Coatings
PASS	The Illinois Lead Poisoning Prevention Act (LPPA) (410 ILCS 45/6), Total Lead in Paints and Surface Coatings of Children’s Jewelry and Childcare Articles
PASS	Connecticut General Statutes Title 21a Chapter 416, Section 21a-12d Total Cadmium in Children’s Jewelry
PASS	Maryland Chapter 578 (House Bill 145), Total Cadmium in Children’s Jewelry
PASS	Minnesota Chapter 347-S.F. No. 2510, Total Cadmium Screening in Children’s Jewelry
PASS	CPSIA Section 108, Phthalates – Mouthable (DBP, BBP, DEHP, DnOP, DINP, DIDP)
PASS	California Proposition 65, Phthalates (DBP, BBP, DEHP, DINP, DIDP, DnHP)
PASS	CPSC Proposed Rules 16 CFR 1307 Prohibition of Children’s Toys and Child Care Articles Containing Specified Phthalates [#]
PASS	Canadian Toys Regulations SOR/2011-17 as Amended by SOR/2016-195, Item 23 Total Elements Screening in Paints and Surface Coatings
PASS	Canadian Toys Regulations SOR/2011-17 as Amended by SOR/2016-195, Item 23 Leachable Elements in Paints and Surface Coatings
PASS	Canadian Toys Regulations SOR/2011-17 as Amended by SOR/2016-195, Item 23 Total Lead and Mercury in Paints and Surface Coatings
PASS	Canadian Surface Coating Materials Regulations SOR/2016-193, Total Lead and Mercury in Paints and Surface Coatings

DETAILED RESULTS:

CPSIA Section 106 & ASTM F963-11 Toy Safety, Clause 4.3.5 Total Elements Screening in Paint and Similar Surface Coatings

Test Method: ASTM F963-11 Clause 8.3.1
 Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Specimen No.	1+2+3	4+5+6	7+8	---	---	Soluble Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Antimony (Sb)	ND	ND	ND	---	---	60
Total Arsenic (As)	ND	ND	ND	---	---	25
Total Barium (Ba)	ND	ND	ND	---	---	1000
Total Cadmium (Cd)	ND	ND	ND	---	---	75
Total Chromium (Cr)	ND	ND	ND	---	---	60
Total Lead (Pb)	ND	ND	ND	---	---	90
Total Mercury (Hg)	ND	ND	ND	---	---	60
Total Selenium (Se)	ND	ND	ND	---	---	500
Conclusion	PASS	PASS	PASS	---	---	

Note:

ppm (Parts per million) = mg/kg (Milligrams per kilogram)

LT = Less than

ND = Not detected (Reporting Limit: Sb, As, Ba, Cd, Cr, Pb, Hg = 20 ppm; Se = 50 ppm)

Composite results are based on specimen of least mass resulting in highest potential concentration.

Remark:

The total heavy metals screening results of Specimen No. 9 and 10 exceeded the soluble heavy metal limits, therefore a separate soluble analysis was conducted.

DETAILED RESULTS:

CPSIA Section 106 & ASTM F963-11 Toy Safety, Clause 4.3.5 Soluble Elements in Substrate Materials

Test Method: ASTM F963-11 Clause 8.3.5
 Analytical Method: Inductively Coupled Plasma-Mass Spectrometry

Substrate Materials Other than Modeling Clay

Specimen No.	9	10	---	---	---	Soluble Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Soluble Antimony (Sb)	ND	ND	---	---	---	60
Soluble Arsenic (As)	ND	ND	---	---	---	25
Soluble Barium (Ba)	ND	ND	---	---	---	1000
Soluble Cadmium (Cd)	ND	ND	---	---	---	75
Soluble Chromium (Cr)	ND	ND	---	---	---	60
Soluble Lead (Pb)	ND	ND	---	---	---	90
Soluble Mercury (Hg)	ND	ND	---	---	---	60
Soluble Selenium (Se)	ND	ND	---	---	---	500
Conclusion	PASS	PASS	---	---	---	

Note:
 ppm (Parts per million) = mg/kg (Milligrams per kilogram)
 LT = Less than
 ND = Not detected (Reporting Limit = 2 ppm)

DETAILED RESULTS:

ASTM F2923-14 Consumer Product Safety for Children’s Jewelry, Clause 8 Total Elements Screening in Paint and Surface Coatings

Test Method: ASTM F963-11 Clause 8.3.1
 Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Specimen No.	1+2+3	4+5+6	7+8	---	---	Soluble Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Antimony (Sb)	ND	ND	ND	---	---	60
Total Arsenic (As)	ND	ND	ND	---	---	25
Total Barium (Ba)	ND	ND	ND	---	---	1000
Total Cadmium (Cd)	ND	ND	ND	---	---	75
Total Chromium (Cr)	ND	ND	ND	---	---	60
Total Mercury (Hg)	ND	ND	ND	---	---	60
Total Selenium (Se)	ND	ND	ND	---	---	500
Conclusion	PASS	PASS	PASS	---	---	

Note:

ppm (Parts per million) = mg/kg (Milligrams per kilogram)

LT = Less than

ND = Not detected (Reporting Limit: Sb, As, Ba, Cd, Cr, Hg = 20 ppm; Se = 50 ppm)

Composite results are based on specimen of least mass resulting in highest potential concentration.

Remark:

The total heavy metals screening results of Specimen No. 9 and 10 exceeded the soluble heavy metal limits, therefore a separate soluble analysis was conducted.

DETAILED RESULTS:

ASTM F2923-14 Consumer Product Safety for Children’s Jewelry, Clause 8 Soluble Elements in Paint and Surface Coatings

Test Method: ASTM F963-11 Clause 8.3.2
 Analytical Method: Inductively Coupled Plasma-Mass Spectrometry

Specimen No.	9	10	---	---	---	Soluble Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Soluble Antimony (Sb)	ND	ND	---	---	---	60
Soluble Arsenic (As)	ND	ND	---	---	---	25
Soluble Barium (Ba)	ND	ND	---	---	---	1000
Soluble Cadmium (Cd)	ND	ND	---	---	---	75
Soluble Chromium (Cr)	ND	ND	---	---	---	60
Soluble Mercury (Hg)	ND	ND	---	---	---	60
Soluble Selenium (Se)	ND	ND	---	---	---	500
Conclusion	ND	ND	---	---	---	

Note:
 ppm (Parts per million) = mg/kg (Milligrams per kilogram)
 LT = Less than
 ND = Not detected (Reporting Limit = 2 ppm)

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DETAILED RESULTS:

CPSIA Section 101 & 16 CFR 1303, Total Lead in Paints and Surface Coatings

Test Method: CPSC-CH-E-1003-09.1
 Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Specimen No.	1+2+3	4+5+6	7+8	9+10	---	Total Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Lead (Pb)	ND	ND	ND	ND	---	90
Conclusion	PASS	PASS	PASS	PASS	---	

Note:

ppm (Parts per million) = mg/kg (Milligrams per kilogram)

LT = Less than

ND = Not detected (Reporting Limit = 20 ppm)

Composite results are based on specimen of least mass resulting in highest potential concentration.

DETAILED RESULTS:

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

Test Method: CPSC-CH-E1003-09.1

Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Specimen No.	1+2+3	4+5+6	7+8	9+10	---	Total Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Lead (Pb)	ND	ND	ND	ND	---	40
Conclusion	PASS	PASS	PASS	PASS	---	

Note:

ppm (Parts per million) = mg/kg (Milligrams per kilogram)

LT = Less than

ND = Not detected (Reporting Limit = 20 ppm)

Composite results are based on specimen of least mass resulting in highest potential concentration.

DETAILED RESULTS:

Connecticut General Statutes Title 21a Chapter 416, Section 21a-12d Total Cadmium in Children’s Jewelry

Test Method: ASTM F963-11 Clause 8.3.1

Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Specimen No.	1+2+3	4+5+6	7+8	9+10	---	Total Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Cadmium (Cd)	ND	ND	ND	ND	---	75
Conclusion	PASS	PASS	PASS	PASS	---	

Note:

ppm (Parts per million) = mg/kg (Milligrams per kilogram)

LT = Less than

ND = Not detected (Reporting Limit = 20 ppm)

Composite results are based on specimen of least mass resulting in highest potential concentration.

DETAILED RESULTS:

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

Test Method: ASTM F963-11 Clause 8.3.1

Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Specimen No.	1+2+3	4+5+6	7+8	9+10	---	Total Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Cadmium (Cd)	ND	ND	ND	ND	---	75
Conclusion	PASS	PASS	PASS	PASS	---	

Note:

ppm (Parts per million) = mg/kg (Milligrams per kilogram)

LT = Less than

ND = Not detected (Reporting Limit = 20 ppm)

Composite results are based on specimen of least mass resulting in highest potential concentration.

DETAILED RESULTS:

Minnesota Chapter 347-S.F. No. 2510, Total Cadmium Screening in Children’s Jewelry

Test Method: ASTM F963-11 Clause 8.3.1

Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Specimen No.	1+2+3	4+5+6	7+8	9+10	---	Soluble Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Cadmium (Cd)	ND	ND	ND	ND	---	75
Conclusion	PASS	PASS	PASS	PASS	---	

Note:

ppm (Parts per million) = mg/kg (Milligrams per kilogram)

LT = Less than

ND = Not detected (Reporting Limit = 20 ppm)

Composite results are based on specimen of least mass resulting in highest potential concentration.

Remark:

The total cadmium screening results did not exceed the soluble cadmium limit, therefore, further soluble analyses were not conducted.

DETAILED RESULTS:

CPSIA Section 108, Phthalates – Mouthable (DBP, BBP, DEHP, DnOP, DINP, DIDP)

Test Method: CPSC-CH-C1001-09.3

Analytical Method: Gas Chromatography with Mass Spectrometry

Specimen No.		1+2+3	4+5+6	7+8	9+10	Limit (ppm)
Test Item	CAS No.	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Dibutyl phthalate (DBP)	84-74-2	ND	ND	ND	ND	1000
Benzyl butyl phthalate (BBP)	85-68-7	ND	ND	ND	ND	1000
Di-(2-ethylhexyl) phthalate (DEHP)	117-81-7	ND	ND	ND	ND	1000
Di-n-octyl phthalate (DnOP)	117-84-0	ND	ND	ND	ND	1000
Diisononyl phthalate (DINP)	28553-12-0 68515-48-0	ND	ND	ND	ND	1000
Diisodecyl phthalate (DIDP)	26761-40-0 68515-49-1	ND	ND	ND	ND	1000
Conclusion		PASS	PASS	PASS	PASS	

Note:

ppm (Parts per million) = mg/kg (Milligrams per kilogram) = 0.0001 % m/m (Percent by mass)

LT = Less than

ND = Not detected (Reporting Limit = 120 ppm)

Composite results are based on specimen of least mass resulting in highest potential concentration.

DETAILED RESULTS:

California Proposition 65, Phthalates (DBP, BBP, DEHP, DINP, DIDP, DnHP)

Test Method: CPSC-CH-C1001-09.3
 Analytical Method: Gas Chromatography with Mass Spectrometry

Specimen No.		1+2+3	4+5+6	7+8	9+10	Limit (ppm)
Test Item	CAS No.	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Dibutyl phthalate (DBP)	84-74-2	ND	ND	ND	ND	1000
Benzyl butyl phthalate (BBP)	85-68-7	ND	ND	ND	ND	1000
Di-(2-ethylhexyl) phthalate (DEHP)	117-81-7	ND	ND	ND	ND	1000
Diisononyl phthalate (DINP)	28553-12-0 68515-48-0	ND	ND	ND	ND	1000
Diisodecyl phthalate (DIDP)	26761-40-0 68515-49-1	ND	ND	ND	ND	1000
Di-n-hexyl phthalate (DnHP)	84-75-3	ND	ND	ND	ND	1000
Conclusion		PASS	PASS	PASS	PASS	

Note:

ppm (Parts per million) = mg/kg (Milligrams per kilogram) = 0.0001 % m/m (Percent by mass)
 LT = Less than
 ND = Not detected (Reporting Limit = 120 ppm)
 Composite results are based on specimen of least mass resulting in highest potential concentration.

Remark:

The specification is quoted from client's requirement.

DETAILED RESULTS:

CPSC Proposed Rules 16 CFR 1307 Prohibition of Children’s Toys and Child Care Articles Containing Specified Phthalates

Test Method: AI|ANSECO Method#
 Analytical Method: Gas Chromatography with Mass Spectrometry

Specimen No.		1+2+3	4+5+6	7+8	9+10	Limit (ppm)
Test Item	CAS No.	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Dibutyl phthalate (DBP)	84-74-2	ND	ND	ND	ND	1000
Benzyl butyl phthalate (BBP)	85-68-7	ND	ND	ND	ND	1000
Di-(2-ethylhexyl) phthalate (DEHP)	117-81-7	ND	ND	ND	ND	1000
Diisononyl phthalate (DINP)	28553-12-0 68515-48-0	ND	ND	ND	ND	1000
Di-n-hexyl phthalate (DHEXP / DnHP)	84-75-3	ND	ND	ND	ND	1000
Dicyclohexyl phthalate (DCHP)	84-61-7	ND	ND	ND	ND	1000
Diisobutyl phthalate (DIBP)	84-69-5	ND	ND	ND	ND	1000
Di-n-pentyl phthalate (DPENP)	131-18-0	ND	ND	ND	ND	1000
Conclusion		PASS	PASS	PASS	PASS	

Note:

ppm (Parts per million) = mg/kg (Milligrams per kilogram) = 0.0001 % m/m (Percent by mass)

LT = Less than

ND = Not detected (Reporting Limit = 120 ppm)

Composite results are based on specimen of least mass resulting in highest potential concentration.

DETAILED RESULTS:

Canadian Toys Regulations SOR/2011-17 as Amended by SOR/2016-195, Item 23 Total Elements Screening in Paints and Surface Coatings

Test Method: ASTM F963-11 Clause 8.3.1
 Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Specimen No.	1+2+3	4+5+6	7+8	---	---	Leachable Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Antimony (Sb)	ND	ND	ND	---	---	1000
Total Arsenic (As)	ND	ND	ND	---	---	1000
Total Barium (Ba)	ND	ND	ND	---	---	1000
Total Cadmium (Cd)	ND	ND	ND	---	---	1000
Total Lead (Pb)	ND	ND	ND	---	---	90*
Total Mercury (Hg)	ND	ND	ND	---	---	10*
Total Selenium (Se)	ND	ND	ND	---	---	1000
Conclusion	PASS	PASS	PASS	---	---	

Note:

ppm (Parts per million) = mg/kg (Milligrams per kilogram)

LT = Less than

ND = Not detected (Reporting Limit: Pb, Hg = 10 ppm; Sb, As, Ba, Cd, Se = 50 ppm)

Composite results are based on specimen of least mass resulting in highest potential concentration.

Remark:

*Total limit

The results of total elements screening of Specimen No. 9 and 10 exceeded the limits of leachable elements, therefore a separate analysis of leachable elements was conducted.

DETAILED RESULTS:
Canadian Toys Regulations SOR/2011-17 as Amended by SOR/2016-195, Item 23 Leachable Elements in Paints and Surface Coatings

Test Method: Health Canada Method C-03 (Effective 2014-02-20)

Analytical Method: Inductively Coupled Plasma-Mass Spectrometry

Specimen No.	9	10	---	---	---	Leachable Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Leachable Antimony (Sb)	ND	ND	---	---	---	1000
Leachable Arsenic (As)	ND	ND	---	---	---	1000
Leachable Barium (Ba)	ND	ND	---	---	---	1000
Leachable Cadmium (Cd)	ND	ND	---	---	---	1000
Leachable Selenium (Se)	ND	ND	---	---	---	1000
Conclusion	PASS	PASS	---	---	---	

Note:

ppm (Parts per million) = mg/kg (Milligrams per kilogram)

LT = Less than

ND = Not detected (Reporting Limit = 50 ppm)

DETAILED RESULTS:

Canadian Toys Regulations SOR/2011-17 as Amended by SOR/2016-195, Item 23 Total Lead and Mercury in Paints and Surface Coatings

Test Method: ASTM F963-11 Clause 8.3.1
 Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Specimen No.	9+10	---	---	---	---	Total Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Lead (Pb)	ND	---	---	---	---	90
Total Mercury (Hg)	ND	---	---	---	---	10
Conclusion	PASS	---	---	---	---	

Note:

ppm (Parts per million) = mg/kg (Milligrams per kilogram)

LT = Less than

ND = Not detected (Reporting Limit = 10 ppm)

Composite 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 Paints and Surface Coatings

Test Method: ASTM F963-11 Clause 8.3.1
 Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Specimen No.	1+2+3	4+5+6	7+8	9+10	---	Total Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Lead (Pb)	ND	ND	ND	ND	---	90
Total Mercury (Hg)	ND	ND	ND	ND	---	10
Conclusion	PASS	PASS	PASS	PASS	---	

Note:

ppm (Parts per million) = mg/kg (Milligrams per kilogram)

LT = Less than

ND = Not detected (Reporting Limit = 10 ppm)

Composite results are based on specimen of least mass resulting in highest potential concentration.

SPECIMEN DESCRIPTION:

Specimen No.	Specimen Description	Location
1	White ink (DP Ink series 160)	Raw material
2	Black ink (DP Ink series 165)	Raw material
3	Yellow ink(DP Ink series 111)	Raw material
4	Orange ink (DP Ink series 115)	Raw material
5	Pink ink (DP Ink series 124)	Raw material
6	Light blue ink (DP Ink series 130)	Raw material
7	Blue ink (DP Ink series 132)	Raw material
8	Dark blue ink (DP Ink series 133)	Raw material
9	Green ink (DP Ink series 141)	Raw material
10	Red ink (DP Ink series 122)	Raw material

SAMPLE PHOTO:



-End Report-

TEST REPORT

Test Report # 17H-001653 Date of Report Issue: March 15, 2017
Date of Sample Received: March 9, 2017 Pages: Page 1 of 27

CLIENT INFORMATION:

Company: Inkcups Now
Recipient: Joe Shairs
Recipient Email: joes@inkcups.com



SAMPLE INFORMATION:

Description:	MB Series Ink	Purchase Order Number:	-
Assortment:	-	Toy Co./Agency:	-
SKU/style No.:	-	Country of Origin:	United States
Factory/Supplier/Vendor:	-	Labeled Age Grade:	-
Country of Distribution:	-	Recommended Age Grade:	-
Quantity Submitted:	1 lot	Tested Age Grade:	-
Testing Period:	03/09/2017 – 03/15/2017		

OVERALL RESULT:

 **PASS**

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

ANSECO GROUP (HK) LIMITED



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Assistant Manager, Chemical Laboratory

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The above test(s) is/are accredited under the laboratory's ISO/IEC 17025 accreditation issued by the ANSI-ASQ National Accreditation Board (ANAB) according to certificate and scope of accreditation (Certificate # AT-1500.) Test(s) marked with '#' is/are not covered under the scope of accreditation.

The test result(s) and conclusion(s) in this report relate to the sample(s) tested as described herein.

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ANAB is recognized by ILAC, APLAC and IAAC as a signatory of multilateral recognition arrangements that facilitate acceptance of test internationally.

TEST RESULTS SUMMARY:

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

CONCLUSION	TEST(S) CONDUCTED
PASS	CPSIA Section 106 & ASTM F963-11 Toy Safety, Clause 4.3.5 Total Elements Screening in Paint and Similar Surface Coatings
PASS	ASTM F2923-14 Consumer Product Safety for Children’s Jewelry, Clause 8 Total Elements Screening in Paint and Surface Coatings
PASS	CPSIA Section 101 & 16 CFR 1303, Total Lead in Paints and Surface Coatings
PASS	The Illinois Lead Poisoning Prevention Act (LPPA) (410 ILCS 45/6), Total Lead in Paints and Surface Coatings of Children’s Jewelry and Childcare Articles
PASS	Connecticut General Statutes Title 21a Chapter 416, Section 21a-12d Total Cadmium in Children’s Jewelry
PASS	Maryland Chapter 578 (House Bill 145), Total Cadmium in Children’s Jewelry
PASS	Minnesota Chapter 347-S.F. No. 2510, Total Cadmium Screening in Children’s Jewelry
PASS	CPSIA Section 108, Phthalates – Mouthable (DBP, BBP, DEHP, DnOP, DINP, DIDP)
PASS	California Proposition 65, Phthalates (DBP, BBP, DEHP, DINP, DIDP, DnHP)
PASS	CPSC Proposed Rules 16 CFR 1307 Prohibition of Children’s Toys and Child Care Articles Containing Specified Phthalates [#]
PASS	Canadian Toys Regulations SOR/2011-17 as Amended by SOR/2016-195 & SOR/2016-302, Item 23 Total Elements Screening in Paints and Surface Coatings
PASS	Canadian Surface Coating Materials Regulations SOR/2016-193, Total Lead and Mercury in Paints and Surface Coatings
PASS	Mexican Environmental Health NOM-252-SSA1-2011, Total Elements Screening from Toys and School Supplies

DETAILED RESULTS:

CPSIA Section 106 & ASTM F963-11 Toy Safety, Clause 4.3.5 Total Elements Screening in Paint and Similar Surface Coatings

Test Method: ASTM F963-11 Clause 8.3.1

Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Specimen No.	1+2+3	4+5+6	7+8+9	10+11+12	13+14+15	Soluble Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Antimony (Sb)	ND	ND	ND	ND	ND	60
Total Arsenic (As)	ND	ND	ND	ND	ND	25
Total Barium (Ba)	ND	ND	110	290	ND	1000
Total Cadmium (Cd)	ND	ND	ND	ND	ND	75
Total Chromium (Cr)	ND	ND	ND	ND	ND	60
Total Lead (Pb)	ND	ND	ND	ND	ND	90
Total Mercury (Hg)	ND	ND	ND	ND	ND	60
Total Selenium (Se)	ND	ND	ND	ND	ND	500
Conclusion	PASS	PASS	PASS	PASS	PASS	

Note:

ppm (Parts per million) = mg/kg (Milligrams per kilogram)

LT = Less than

ND = Not detected (Reporting Limit: Sb, As, Ba, Cd, Cr, Pb, Hg = 20 ppm; Se = 50 ppm)

Composite results are based on specimen of least mass resulting in highest potential concentration.

Remark:

The total heavy metals screening results do not exceed the soluble heavy metal limits, therefore, further soluble analyses were not conducted.

DETAILED RESULTS:

CPSIA Section 106 & ASTM F963-11 Toy Safety, Clause 4.3.5 Total Elements Screening in Paint and Similar Surface Coatings

Test Method: ASTM F963-11 Clause 8.3.1

Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Specimen No.	16+17+18	19+20+21	22+23+24	25+26+27	---	Soluble Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Antimony (Sb)	ND	ND	ND	ND	---	60
Total Arsenic (As)	ND	ND	ND	ND	---	25
Total Barium (Ba)	ND	ND	220	120	---	1000
Total Cadmium (Cd)	ND	ND	ND	ND	---	75
Total Chromium (Cr)	ND	ND	ND	ND	---	60
Total Lead (Pb)	ND	ND	ND	ND	---	90
Total Mercury (Hg)	ND	ND	ND	ND	---	60
Total Selenium (Se)	ND	ND	ND	ND	---	500
Conclusion	PASS	PASS	PASS	PASS	---	

Note:

ppm (Parts per million) = mg/kg (Milligrams per kilogram)

LT = Less than

ND = Not detected (Reporting Limit: Sb, As, Ba, Cd, Cr, Pb, Hg = 20 ppm; Se = 50 ppm)

Composite results are based on specimen of least mass resulting in highest potential concentration.

Remark:

The total heavy metals screening results do not exceed the soluble heavy metal limits, therefore, further soluble analyses were not conducted.

DETAILED RESULTS:

ASTM F2923-14 Consumer Product Safety for Children’s Jewelry, Clause 8 Total Elements Screening in Paint and Surface Coatings

Test Method: ASTM F963-11 Clause 8.3.1

Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Specimen No.	1+2+3	4+5+6	7+8+9	10+11+12	13+14+15	Soluble Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Antimony (Sb)	ND	ND	ND	ND	ND	60
Total Arsenic (As)	ND	ND	ND	ND	ND	25
Total Barium (Ba)	ND	ND	110	290	ND	1000
Total Cadmium (Cd)	ND	ND	ND	ND	ND	75
Total Chromium (Cr)	ND	ND	ND	ND	ND	60
Total Mercury (Hg)	ND	ND	ND	ND	ND	60
Total Selenium (Se)	ND	ND	ND	ND	ND	500
Conclusion	PASS	PASS	PASS	PASS	PASS	

Note:

ppm (Parts per million) = mg/kg (Milligrams per kilogram)

LT = Less than

ND = Not detected (Reporting Limit: Sb, As, Ba, Cd, Cr, Hg = 20 ppm; Se = 50 ppm)

Composite results are based on specimen of least mass resulting in highest potential concentration.

Remark:

The total heavy metals screening results do not exceed the soluble heavy metal limits, therefore, further soluble analyses were not conducted.

DETAILED RESULTS:

ASTM F2923-14 Consumer Product Safety for Children’s Jewelry, Clause 8 Total Elements Screening in Paint and Surface Coatings

Test Method: ASTM F963-11 Clause 8.3.1

Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Specimen No.	16+17+18	19+20+21	22+23+24	25+26+27	---	Soluble Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Antimony (Sb)	ND	ND	ND	ND	---	60
Total Arsenic (As)	ND	ND	ND	ND	---	25
Total Barium (Ba)	ND	ND	220	120	---	1000
Total Cadmium (Cd)	ND	ND	ND	ND	---	75
Total Chromium (Cr)	ND	ND	ND	ND	---	60
Total Mercury (Hg)	ND	ND	ND	ND	---	60
Total Selenium (Se)	ND	ND	ND	ND	---	500
Conclusion	PASS	PASS	PASS	PASS	---	

Note:

ppm (Parts per million) = mg/kg (Milligrams per kilogram)

LT = Less than

ND = Not detected (Reporting Limit: Sb, As, Ba, Cd, Cr, Hg = 20 ppm; Se = 50 ppm)

Composite results are based on specimen of least mass resulting in highest potential concentration.

Remark:

The total heavy metals screening results do not exceed the soluble heavy metal limits, therefore, further soluble analyses were not conducted.

DETAILED RESULTS:

CPSIA Section 101 & 16 CFR 1303, Total Lead in Paints and Surface Coatings

Test Method: CPSC-CH-E-1003-09.1

Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Specimen No.	1+2+3	4+5+6	7+8+9	10+11+12	13+14+15	Total Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Lead (Pb)	ND	ND	ND	ND	ND	90
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	16+17+18	19+20+21	22+23+24	25+26+27	---	Total Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Lead (Pb)	ND	ND	ND	ND	---	90
Conclusion	PASS	PASS	PASS	PASS	---	

Note:

ppm (Parts per million) = mg/kg (Milligrams per kilogram)

LT = Less than

ND = Not detected (Reporting Limit = 20 ppm)

Composite results are based on specimen of least mass resulting in highest potential concentration.

DETAILED RESULTS:

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

Test Method: CPSC-CH-E1003-09.1

Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Specimen No.	1+2+3	4+5+6	7+8+9	10+11+12	13+14+15	Total Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Lead (Pb)	ND	ND	ND	ND	ND	40
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	16+17+18	19+20+21	22+23+24	25+26+27	---	Total Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Lead (Pb)	ND	ND	ND	ND	---	40
Conclusion	PASS	PASS	PASS	PASS	---	

Note:

ppm (Parts per million) = mg/kg (Milligrams per kilogram)

LT = Less than

ND = Not detected (Reporting Limit = 20 ppm)

Composite results are based on specimen of least mass resulting in highest potential concentration.

DETAILED RESULTS:

Connecticut General Statutes Title 21a Chapter 416, Section 21a-12d Total Cadmium in Children’s Jewelry

Test Method: ASTM F963-11 Clause 8.3.1

Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Specimen No.	1+2+3	4+5+6	7+8+9	10+11+12	13+14+15	Total Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Cadmium (Cd)	ND	ND	ND	ND	ND	75
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	16+17+18	19+20+21	22+23+24	25+26+27	---	Total Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Cadmium (Cd)	ND	ND	ND	ND	---	75
Conclusion	PASS	PASS	PASS	PASS	---	

Note:

ppm (Parts per million) = mg/kg (Milligrams per kilogram)

LT = Less than

ND = Not detected (Reporting Limit = 20 ppm)

Composite results are based on specimen of least mass resulting in highest potential concentration.

DETAILED RESULTS:

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

Test Method: ASTM F963-11 Clause 8.3.1

Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Specimen No.	1+2+3	4+5+6	7+8+9	10+11+12	13+14+15	Total Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Cadmium (Cd)	ND	ND	ND	ND	ND	75
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	16+17+18	19+20+21	22+23+24	25+26+27	---	Total Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Cadmium (Cd)	ND	ND	ND	ND	---	75
Conclusion	PASS	PASS	PASS	PASS	---	

Note:

ppm (Parts per million) = mg/kg (Milligrams per kilogram)

LT = Less than

ND = Not detected (Reporting Limit = 20 ppm)

Composite results are based on specimen of least mass resulting in highest potential concentration.

DETAILED RESULTS:

Minnesota Chapter 347-S.F. No. 2510, Total Cadmium Screening in Children’s Jewelry

Test Method: ASTM F963-11 Clause 8.3.1

Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Specimen No.	1+2+3	4+5+6	7+8+9	10+11+12	13+14+15	Soluble Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Cadmium (Cd)	ND	ND	ND	ND	ND	75
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	16+17+18	19+20+21	22+23+24	25+26+27	---	Soluble Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Cadmium (Cd)	ND	ND	ND	ND	---	75
Conclusion	PASS	PASS	PASS	PASS	---	

Note:

ppm (Parts per million) = mg/kg (Milligrams per kilogram)

LT = Less than

ND = Not detected (Reporting Limit = 20 ppm)

Composite results are based on specimen of least mass resulting in highest potential concentration.

Remark:

The total cadmium screening results did not exceed the soluble cadmium limit, therefore, further soluble analyses were not conducted.

DETAILED RESULTS:

CPSIA Section 108, Phthalates – Mouthable (DBP, BBP, DEHP, DnOP, DINP, DIDP)

Test Method: CPSC-CH-C1001-09.3

Analytical Method: Gas Chromatography with Mass Spectrometry

Specimen No.		1+2+3	4+5+6	7+8+9	10+11+12	Limit (ppm)
Test Item	CAS No.	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Dibutyl phthalate (DBP)	84-74-2	ND	ND	ND	ND	1000
Benzyl butyl phthalate (BBP)	85-68-7	ND	ND	ND	ND	1000
Di-(2-ethylhexyl) phthalate (DEHP)	117-81-7	ND	ND	ND	ND	1000
Di-n-octyl phthalate (DnOP)	117-84-0	ND	ND	ND	ND	1000
Diisononyl phthalate (DINP)	28553-12-0 68515-48-0	ND	ND	ND	ND	1000
Diisodecyl phthalate (DIDP)	26761-40-0 68515-49-1	ND	ND	ND	ND	1000
Conclusion		PASS	PASS	PASS	PASS	

Note:

ppm (Parts per million) = mg/kg (Milligrams per kilogram) = 0.0001 % m/m (Percent by mass)

LT = Less than

ND = Not detected (Reporting Limit = 120 ppm)

Composite results are based on specimen of least mass resulting in highest potential concentration.

DETAILED RESULTS:
CPSIA Section 108, Phthalates – Mouthable (DBP, BBP, DEHP, DnOP, DINP, DIDP)

Test Method: CPSC-CH-C1001-09.3

Analytical Method: Gas Chromatography with Mass Spectrometry

Specimen No.		13+14+15	16+17+18	19+20+21	22+23+24	Limit (ppm)
Test Item	CAS No.	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Dibutyl phthalate (DBP)	84-74-2	ND	ND	ND	ND	1000
Benzyl butyl phthalate (BBP)	85-68-7	ND	ND	ND	ND	1000
Di-(2-ethylhexyl) phthalate (DEHP)	117-81-7	ND	ND	ND	ND	1000
Di-n-octyl phthalate (DnOP)	117-84-0	ND	ND	ND	ND	1000
Diisononyl phthalate (DINP)	28553-12-0 68515-48-0	ND	ND	ND	ND	1000
Diisodecyl phthalate (DIDP)	26761-40-0 68515-49-1	ND	ND	ND	ND	1000
Conclusion		PASS	PASS	PASS	PASS	

Note:

ppm (Parts per million) = mg/kg (Milligrams per kilogram) = 0.0001 % m/m (Percent by mass)

LT = Less than

ND = Not detected (Reporting Limit = 120 ppm)

Composite results are based on specimen of least mass resulting in highest potential concentration.

DETAILED RESULTS:

CPSIA Section 108, Phthalates – Mouthable (DBP, BBP, DEHP, DnOP, DINP, DIDP)

Test Method: CPSC-CH-C1001-09.3

Analytical Method: Gas Chromatography with Mass Spectrometry

Specimen No.		25+26+27	---	---	---	Limit (ppm)
Test Item	CAS No.	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Dibutyl phthalate (DBP)	84-74-2	ND	---	---	---	1000
Benzyl butyl phthalate (BBP)	85-68-7	ND	---	---	---	1000
Di-(2-ethylhexyl) phthalate (DEHP)	117-81-7	ND	---	---	---	1000
Di-n-octyl phthalate (DnOP)	117-84-0	ND	---	---	---	1000
Diisononyl phthalate (DINP)	28553-12-0 68515-48-0	ND	---	---	---	1000
Diisodecyl phthalate (DIDP)	26761-40-0 68515-49-1	ND	---	---	---	1000
Conclusion		PASS	---	---	---	

Note:

ppm (Parts per million) = mg/kg (Milligrams per kilogram) = 0.0001 % m/m (Percent by mass)

LT = Less than

ND = Not detected (Reporting Limit = 120 ppm)

Composite results are based on specimen of least mass resulting in highest potential concentration.

DETAILED RESULTS:

California Proposition 65, Phthalates (DBP, BBP, DEHP, DINP, DIDP, DnHP)

Test Method: CPSC-CH-C1001-09.3

Analytical Method: Gas Chromatography with Mass Spectrometry

Specimen No.		1+2+3	4+5+6	7+8+9	10+11+12	Limit (ppm)
Test Item	CAS No.	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Dibutyl phthalate (DBP)	84-74-2	ND	ND	ND	ND	1000
Benzyl butyl phthalate (BBP)	85-68-7	ND	ND	ND	ND	1000
Di-(2-ethylhexyl) phthalate (DEHP)	117-81-7	ND	ND	ND	ND	1000
Diisononyl phthalate (DINP)	28553-12-0 68515-48-0	ND	ND	ND	ND	1000
Diisodecyl phthalate (DIDP)	26761-40-0 68515-49-1	ND	ND	ND	ND	1000
Di-n-hexyl phthalate (DnHP)	84-75-3	ND	ND	ND	ND	1000
Conclusion		PASS	PASS	PASS	PASS	

Note:

ppm (Parts per million) = mg/kg (Milligrams per kilogram) = 0.0001 % m/m (Percent by mass)

LT = Less than

ND = Not detected (Reporting Limit = 120 ppm)

Composite results are based on specimen of least mass resulting in highest potential concentration.

Remark:

The specification is quoted from client's requirement.

DETAILED RESULTS:

California Proposition 65, Phthalates (DBP, BBP, DEHP, DINP, DIDP, DnHP)

Test Method: CPSC-CH-C1001-09.3

Analytical Method: Gas Chromatography with Mass Spectrometry

Specimen No.		13+14+15	16+17+18	19+20+21	22+23+24	Limit (ppm)
Test Item	CAS No.	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Dibutyl phthalate (DBP)	84-74-2	ND	ND	ND	ND	1000
Benzyl butyl phthalate (BBP)	85-68-7	ND	ND	ND	ND	1000
Di-(2-ethylhexyl) phthalate (DEHP)	117-81-7	ND	ND	ND	ND	1000
Diisononyl phthalate (DINP)	28553-12-0 68515-48-0	ND	ND	ND	ND	1000
Diisodecyl phthalate (DIDP)	26761-40-0 68515-49-1	ND	ND	ND	ND	1000
Di-n-hexyl phthalate (DnHP)	84-75-3	ND	ND	ND	ND	1000
Conclusion		PASS	PASS	PASS	PASS	

Note:

ppm (Parts per million) = mg/kg (Milligrams per kilogram) = 0.0001 % m/m (Percent by mass)

LT = Less than

ND = Not detected (Reporting Limit = 120 ppm)

Composite results are based on specimen of least mass resulting in highest potential concentration.

Remark:

The specification is quoted from client's requirement.

DETAILED RESULTS:

California Proposition 65, Phthalates (DBP, BBP, DEHP, DINP, DIDP, DnHP)

Test Method: CPSC-CH-C1001-09.3

Analytical Method: Gas Chromatography with Mass Spectrometry

Specimen No.		25+26+27	---	---	---	Limit (ppm)
Test Item	CAS No.	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Dibutyl phthalate (DBP)	84-74-2	ND	---	---	---	1000
Benzyl butyl phthalate (BBP)	85-68-7	ND	---	---	---	1000
Di-(2-ethylhexyl) phthalate (DEHP)	117-81-7	ND	---	---	---	1000
Diisononyl phthalate (DINP)	28553-12-0 68515-48-0	ND	---	---	---	1000
Diisodecyl phthalate (DIDP)	26761-40-0 68515-49-1	ND	---	---	---	1000
Di-n-hexyl phthalate (DnHP)	84-75-3	ND	---	---	---	1000
Conclusion		PASS	---	---	---	

Note:

ppm (Parts per million) = mg/kg (Milligrams per kilogram) = 0.0001 % m/m (Percent by mass)

LT = Less than

ND = Not detected (Reporting Limit = 120 ppm)

Composite results are based on specimen of least mass resulting in highest potential concentration.

Remark:

The specification is quoted from client's requirement.

DETAILED RESULTS:

CPSC Proposed Rules 16 CFR 1307 Prohibition of Children’s Toys and Child Care Articles Containing Specified Phthalates

Test Method: AI|ANSECO Method#
 Analytical Method: Gas Chromatography with Mass Spectrometry

Specimen No.		1+2+3	4+5+6	7+8+9	10+11+12	Limit (ppm)
Test Item	CAS No.	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Dibutyl phthalate (DBP)	84-74-2	ND	ND	ND	ND	1000
Benzyl butyl phthalate (BBP)	85-68-7	ND	ND	ND	ND	1000
Di-(2-ethylhexyl) phthalate (DEHP)	117-81-7	ND	ND	ND	ND	1000
Diisononyl phthalate (DINP)	28553-12-0 68515-48-0	ND	ND	ND	ND	1000
Di-n-hexyl phthalate (DHEXP / DnHP)	84-75-3	ND	ND	ND	ND	1000
Dicyclohexyl phthalate (DCHP)	84-61-7	ND	ND	ND	ND	1000
Diisobutyl phthalate (DIBP)	84-69-5	ND	ND	ND	ND	1000
Di-n-pentyl phthalate (DPENP)	131-18-0	ND	ND	ND	ND	1000
Conclusion		PASS	PASS	PASS	PASS	

Note:

ppm (Parts per million) = mg/kg (Milligrams per kilogram) = 0.0001 % m/m (Percent by mass)

LT = Less than

ND = Not detected (Reporting Limit = 120 ppm)

Composite results are based on specimen of least mass resulting in highest potential concentration.

DETAILED RESULTS:

CPSC Proposed Rules 16 CFR 1307 Prohibition of Children’s Toys and Child Care Articles Containing Specified Phthalates

Test Method: AI|ANSECO Method#
 Analytical Method: Gas Chromatography with Mass Spectrometry

Specimen No.		13+14+15	16+17+18	19+20+21	22+23+24	Limit (ppm)
Test Item	CAS No.	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Dibutyl phthalate (DBP)	84-74-2	ND	ND	ND	ND	1000
Benzyl butyl phthalate (BBP)	85-68-7	ND	ND	ND	ND	1000
Di-(2-ethylhexyl) phthalate (DEHP)	117-81-7	ND	ND	ND	ND	1000
Diisononyl phthalate (DINP)	28553-12-0 68515-48-0	ND	ND	ND	ND	1000
Di-n-hexyl phthalate (DHEXP / DnHP)	84-75-3	ND	ND	ND	ND	1000
Dicyclohexyl phthalate (DCHP)	84-61-7	ND	ND	ND	ND	1000
Diisobutyl phthalate (DIBP)	84-69-5	ND	ND	ND	ND	1000
Di-n-pentyl phthalate (DPENP)	131-18-0	ND	ND	ND	ND	1000
Conclusion		PASS	PASS	PASS	PASS	

Note:

ppm (Parts per million) = mg/kg (Milligrams per kilogram) = 0.0001 % m/m (Percent by mass)

LT = Less than

ND = Not detected (Reporting Limit = 120 ppm)

Composite results are based on specimen of least mass resulting in highest potential concentration.

DETAILED RESULTS:

CPSC Proposed Rules 16 CFR 1307 Prohibition of Children’s Toys and Child Care Articles Containing Specified Phthalates

Test Method: AI|ANSECO Method#
 Analytical Method: Gas Chromatography with Mass Spectrometry

Specimen No.		25+26+27	---	---	---	Limit (ppm)
Test Item	CAS No.	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Dibutyl phthalate (DBP)	84-74-2	ND	---	---	---	1000
Benzyl butyl phthalate (BBP)	85-68-7	ND	---	---	---	1000
Di-(2-ethylhexyl) phthalate (DEHP)	117-81-7	ND	---	---	---	1000
Diisononyl phthalate (DINP)	28553-12-0 68515-48-0	ND	---	---	---	1000
Di-n-hexyl phthalate (DHEXP / DnHP)	84-75-3	ND	---	---	---	1000
Dicyclohexyl phthalate (DCHP)	84-61-7	ND	---	---	---	1000
Diisobutyl phthalate (DIBP)	84-69-5	ND	---	---	---	1000
Di-n-pentyl phthalate (DPENP)	131-18-0	ND	---	---	---	1000
Conclusion		PASS	---	---	---	

Note:

ppm (Parts per million) = mg/kg (Milligrams per kilogram) = 0.0001 % m/m (Percent by mass)

LT = Less than

ND = Not detected (Reporting Limit = 120 ppm)

Composite results are based on specimen of least mass resulting in highest potential concentration.

DETAILED RESULTS:

Canadian Toys Regulations SOR/2011-17 as Amended by SOR/2016-195 & SOR/2016-302, Item 23 Total Elements Screening in Paints and Surface Coatings

Test Method: ASTM F963-11 Clause 8.3.1

Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Specimen No.	1+2+3	4+5+6	7+8+9	10+11+12	13+14+15	Leachable
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Limit (ppm)
Total Antimony (Sb)	ND	ND	ND	ND	ND	1000
Total Arsenic (As)	ND	ND	ND	ND	ND	1000
Total Barium (Ba)	ND	ND	110	290	ND	1000
Total Cadmium (Cd)	ND	ND	ND	ND	ND	1000
Total Lead (Pb)	ND	ND	ND	ND	ND	90*
Total Mercury (Hg)	ND	ND	ND	ND	ND	10*
Total Selenium (Se)	ND	ND	ND	ND	ND	1000
Conclusion	PASS	PASS	PASS	PASS	PASS	

Note:

ppm (Parts per million) = mg/kg (Milligrams per kilogram)

LT = Less than

ND = Not detected (Reporting Limit: Pb, Hg = 10 ppm; Sb, As, Ba, Cd, Se = 50 ppm)

Composite results are based on specimen of least mass resulting in highest potential concentration.

Remark:

*Total limit

The total heavy metals screening results do not exceed the soluble heavy metal limits, therefore, further soluble analyses were not conducted.

DETAILED RESULTS:

Canadian Toys Regulations SOR/2011-17 as Amended by SOR/2016-195 & SOR/2016-302, Item 23 Total Elements Screening in Paints and Surface Coatings

Test Method: ASTM F963-11 Clause 8.3.1

Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Specimen No.	16+17+18	19+20+21	22+23+24	25+26+27	---	Leachable
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Limit (ppm)
Total Antimony (Sb)	ND	ND	ND	ND	---	1000
Total Arsenic (As)	ND	ND	ND	ND	---	1000
Total Barium (Ba)	ND	ND	220	120	---	1000
Total Cadmium (Cd)	ND	ND	ND	ND	---	1000
Total Lead (Pb)	ND	ND	ND	ND	---	90*
Total Mercury (Hg)	ND	ND	ND	ND	---	10*
Total Selenium (Se)	ND	ND	ND	ND	---	1000
Conclusion	PASS	PASS	PASS	PASS	---	

Note:

ppm (Parts per million) = mg/kg (Milligrams per kilogram)

LT = Less than

ND = Not detected (Reporting Limit: Pb, Hg = 10 ppm; Sb, As, Ba, Cd, Se = 50 ppm)

Composite results are based on specimen of least mass resulting in highest potential concentration.

Remark:

*Total limit

The total heavy metals screening results do not exceed the soluble heavy metal limits, therefore, further soluble analyses were not conducted.

DETAILED RESULTS:

Canadian Surface Coating Materials Regulations SOR/2016-193, Total Lead and Mercury in Paints and Surface Coatings

Test Method: ASTM F963-11 Clause 8.3.1

Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Specimen No.	1+2+3	4+5+6	7+8+9	10+11+12	13+14+15	Total Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Lead (Pb)	ND	ND	ND	ND	ND	90
Total Mercury (Hg)	ND	ND	ND	ND	ND	10
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	16+17+18	19+20+21	22+23+24	25+26+27	---	Total Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Lead (Pb)	ND	ND	ND	ND	---	90
Total Mercury (Hg)	ND	ND	ND	ND	---	10
Conclusion	PASS	PASS	PASS	PASS	---	

Note:

ppm (Parts per million) = mg/kg (Milligrams per kilogram)

LT = Less than

ND = Not detected (Reporting Limit = 10 ppm)

Composite results are based on specimen of least mass resulting in highest potential concentration.

DETAILED RESULTS:

Mexican Environmental Health NOM-252-SSA1-2011, Total Elements Screening from Toys and School Supplies

Test Method: ASTM F963-11 Clause 8.3.1

Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Toy Material except Modelling Clay

Specimen No.	1+2+3	4+5+6	7+8+9	10+11+12	13+14+15	Soluble Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Antimony (Sb)	ND	ND	ND	ND	ND	60
Total Arsenic (As)	ND	ND	ND	ND	ND	25
Total Barium (Ba)	ND	ND	110	290	ND	1000
Total Cadmium (Cd)	ND	ND	ND	ND	ND	75
Total Chromium (Cr)	ND	ND	ND	ND	ND	60
Total Lead (Pb)	ND	ND	ND	ND	ND	90
Total Mercury (Hg)	ND	ND	ND	ND	ND	60
Total Selenium (Se)	ND	ND	ND	ND	ND	500
Conclusion	PASS	PASS	PASS	PASS	PASS	

Note:

ppm (Parts per million) = mg/kg (Milligrams per kilogram)

LT = Less than

ND = Not detected (Reporting Limit: Sb, As, Ba, Cd, Cr, Pb, Hg = 20 ppm; Se = 50 ppm)

Composite results are based on specimen of least mass resulting in highest potential concentration

Remark:

The total heavy metals screening results do not exceed the soluble heavy metal limits, therefore, further soluble analyses were not conducted.

DETAILED RESULTS:

Mexican Environmental Health NOM-252-SSA1-2011, Total Elements Screening from Toys and School Supplies

Test Method: ASTM F963-11 Clause 8.3.1

Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Toy Material except Modelling Clay

Specimen No.	16+17+18	19+20+21	22+23+24	25+26+27	---	Soluble Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Antimony (Sb)	ND	ND	ND	ND	---	60
Total Arsenic (As)	ND	ND	ND	ND	---	25
Total Barium (Ba)	ND	ND	220	120	---	1000
Total Cadmium (Cd)	ND	ND	ND	ND	---	75
Total Chromium (Cr)	ND	ND	ND	ND	---	60
Total Lead (Pb)	ND	ND	ND	ND	---	90
Total Mercury (Hg)	ND	ND	ND	ND	---	60
Total Selenium (Se)	ND	ND	ND	ND	---	500
Conclusion	PASS	PASS	PASS	PASS	---	

Note:

ppm (Parts per million) = mg/kg (Milligrams per kilogram)

LT = Less than

ND = Not detected (Reporting Limit: Sb, As, Ba, Cd, Cr, Pb, Hg = 20 ppm; Se = 50 ppm)

Composite results are based on specimen of least mass resulting in highest potential concentration

Remark:

The total heavy metals screening results do not exceed the soluble heavy metal limits, therefore, further soluble analyses were not conducted.

SPECIMEN DESCRIPTION:

Specimen No.	Specimen Description	Location
1	Golden coating	MB 75RE
2	Coppery coating	MB 76RE
3	Bronze coating	MB 77RE
4	Bright bonze coating	MB 78RE
5	Silvery coating	MB 79/050
6	Light yellow coating	MB 110
7	Yellow coating	MB 111
8	Light orange coating	MB 112
9	Orange coating	MB 115
10	Deep orange coating	MB 120
11	Light red coating	MB 121
12	Red coating	MB 122
13	Purple coating	MB 124
14	Pale blue coating	MB 130
15	Light blue coating	MB 131
16	Blue coating	MB 132
17	Dark blue coating	MB 133
18	Turquoise coating	MB 134
19	Violet coating	MB 136
20	Deep blue coating	MB 139
21	Light green coating	MB 140
22	Dark green coating	MB 141
23	Green coating	MB 142
24	Brown coating	MB 150
25	Deep brown coating	MB 151
26	White coating	MB 160
27	Black coating	MB 165

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The above test(s) is/are accredited under the laboratory's ISO/IEC 17025 accreditation issued by the ANSI-ASQ National Accreditation Board (ANAB) according to certificate and scope of accreditation (Certificate # AT-1500.) Test(s) marked with '#' is/are not covered under the scope of accreditation.

The test result(s) and conclusion(s) in this report relate to the sample(s) tested as described herein.

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ANAB is recognized by ILAC, APLAC and IAAC as a signatory of multilateral recognition arrangements that facilitate acceptance of test internationally.

SAMPLE PHOTO:



-End Report-



CONVERSE

Hurley



NIKE GOLF

Monday, March 21, 2016, 8:52:13 AM

File Name : NIKE_AP_PASS_KID_PASS_ADULT_Inkcups Now Corporation _Inks/Paints (Not Screen Printing_109237.pdf

SAMPLE SUBMITTER INFORMATION

Sample Submitter Name:

Joe Shairs

Sample Submitter Email:

joes@inkcups.com

Sample Submitter Phone:

978-646-8980

Business ID:

LAB INFORMATION

Testing Lab:

Bureau Veritas CPS (Buffalo)

Lab Contact Name:

Scott Cybart

Lab Contact Email:

scott.cybart@us.bureauveritas.com

RSL Version:

RSL JANUARY 2016

Lab Reference:

51160740032

BRAND INFORMATION

Brand:

NIKE

Product Type:

Apparel

Licenses:

No

Licensee Name:

Brand Liaison Office (LO):

Unknown

FACILITY INFORMATION

Ink/Dye Manufacturer

Factory

Factory Location Code:

Factory Name:

Vendor

Vendor Location Code:

Vendor Name:

Ink/Dye

Ink/Dye Manufacturer Code:

INK99

Ink/Dye Manufacturer Name:

Inkcups Now Corporation

Other Manufacturer

Other Manufacturer Name:

SAMPLE INFORMATION

Retest: No	Previous Lab Reference #:	Previous RSL Submit #:
Sample Description: Sapphire SB Series - SB-165 Black, SB-Superwhite, SB-Cool Grey #6, SB-PMS 240C, SB-PMS 293C, SB-PMS 7407C		
Season: SPSU	Year: 2016	Sample Type: Production-ready material
Sample Country of Origin: Italy	Date Sample Made: Mar-01-2016	Date Sample Submitted: Mar-09-2016

MATERIAL/PRODUCT INFORMATION

Material or Item Number:	Product or Style Number:	Material Type: Inks/Prints (Not Screen Printing)	Material Name: SB Ink 1000hnx hardner
		White: No	

MATERIAL COLOR INFORMATION

Color Name 1: Sapphire SB Series	Color Code 1: 165 Black	Color Name 2:	Color Code 2:
GCW#:	GCW# Color Description:		

COLOR SYSTEM TESTING (INKS/PAINTS)

Base Name:	Base Color:	Pigment Name 1:	Pigment Color 1:
Pigment Name 2:	Pigment Color 2:	Pigment Name 3:	Pigment Color 3:

INDIVIDUAL TESTS

Is this submission for research and development (R&D) testing, non-standard testing, or a material requiring a unique multiple test package as directed by Nike?

No

OVERALL TEST RESULTS

Overall Test Result:

Pass

Test/Report Date:

Mar-21-2016

RSL Submit #:

109237

Partial Result:

No

Testing Delayed:

No

Reason for Delay:

Remarks

TEST PACKAGE SUMMARY

Test Package	PASS	FAIL	WARNING	Remarks
Adhesives & Inks/Prints (Not Screen Printing)	X			

SUMMARY OF FAILURES

Class Name	FAIL (KIDS)	FAIL (ADULT)	WARNING

ANALYTE TESTS

Class	Chemical Name	CAS Number	Specific Limit Description (age ranges, screening)	Required Laboratory Reporting Limit	Nike Limit	Unit of Measure	Result	Pass/Fail Nike RSL
Alkylphenol Ethoxylates (NPEO, OPEO)	Nonylphenol Ethoxylate (multiple isomers)	NPEO		Sum of NPEO and OPEO: 20 mg/kg	Sum of NPEO and OPEO: ≤100mg/kg - Pass 100-500mg/kg - Warning >500mg/kg - Fail	mg/kg	ND	Non Detect - Pass
Alkylphenol Ethoxylates (NPEO, OPEO)	Octylphenol Ethoxylate (multiple isomers)	OPEO		Sum of NPEO and OPEO: 20 mg/kg	Sum of NPEO and OPEO: ≤100mg/kg - Pass 100-500mg/kg - Warning >500mg/kg - Fail	mg/kg	ND	Non Detect - Pass
Alkylphenol Ethoxylates (NPEO, OPEO)	Sum of NPEO & OPEO	Sum_NPEO_OPEO		Sum of NPEO and OPEO: 20 mg/kg	Sum of NPEO and OPEO: ≤100mg/kg - Pass 100-500mg/kg - Warning >500mg/kg - Fail	mg/kg	ND	Non Detect - Pass
Formaldehyde	Formaldehyde	50-00-0	Infant/Toddler (0-36 months) Little Kids, Big Kids and Adults (>36 months)	16	16 75	mg/kg	ND	Non Detect - Pass
Metals	Cadmium (Cd)	7440-43-9		5	50	mg/kg	ND	Non Detect - Pass
Metals	Lead (Pb)	7439-92-1		50	90	mg/kg	ND	Non Detect - Pass
Metals	Mercury (Hg)	7439-97-6		0.1	1	mg/kg	ND	Non Detect - Pass
Organotins - Group 3	Diocetyl tin (DOT)	Multiple CAS numbers		0.1	100	mg/kg	ND	Non Detect - Pass
Organotins - Group 2	Dibutyltin (DBT)	1002-53-5	Infant/Toddler (up to 36 months)	0.1	1	mg/kg	ND	Non Detect - Pass

Class	Chemical Name	CAS Number	Specific Limit Description (age ranges, screening)	Required Laboratory Reporting Limit	Nike Limit	Unit of Measure	Result	Pass/Fail Nike RSL
Organotins - Group 3	Monobutyltin (MBT)	Multiple CAS numbers		0.1	Info Only	mg/kg	ND	Info Only
Organotins - Group 3	Monooctyltin (MOT)	Multiple CAS numbers		0.1	Info Only	mg/kg	ND	Info Only
Organotins - Group 3	Tetrabutyltin (TeBT)	Multiple CAS numbers		0.1	Info Only	mg/kg	ND	Info Only
Organotins - Group 1	Tributyltin (TBT)	56573-85-4		0.1	0.1	mg/kg	ND	Non Detect - Pass
Organotins - Group 1	Triphenyltin (TPHT)	668-34-8		0.1	0.1	mg/kg	ND	Non Detect - Pass
Sum of Organotins - Group 1	Sum of Tributyltin & Triphenyltin	Sum_TbT_TpHT		0.1 each	0.5 (Sum of Organotins - Group 1)	mg/kg	ND	Non Detect - Pass
Tin Screening	Tin (Sn)	7440-31-5	Tin Screening: If Tin > 0.1 mg/kg, organotin analysis required	Tin: 0.1 mg/kg (if Tin > 0.1 mg/kg, organotin analysis required)	Tin: 0.1 mg/kg (if Tin > 0.1 mg/kg, organotin analysis required)	mg/kg	0.210	Organotin testing required
Phthalates	1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (DIHP)	71888-89-6	Infant/Toddler, Little Kids, Big Kids and Adult	50	Kids: 500 mg/kg Adult: 1000 mg/kg (Sum of all phthalates)	mg/kg	ND	Non Detect - Pass
Phthalates	1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters (DHNUP)	68515-42-4	Infant/Toddler, Little Kids, Big Kids and Adult	50	Kids: 500 mg/kg Adult: 1000 mg/kg (Sum of all phthalates)	mg/kg	ND	Non Detect - Pass
Phthalates	Bis(2-methoxyethyl) phthalate (DMEP)	117-82-8	Infant/Toddler, Little Kids, Big Kids and Adult	50	Kids: 500 mg/kg Adult: 1000 mg/kg (Sum of all phthalates)	mg/kg	ND	Non Detect - Pass
Phthalates	Butyl benzyl phthalate (BBP)	85-68-7	Infant/Toddler, Little Kids, Big Kids and Adult	50	Kids: 500 mg/kg Adult: 1000 mg/kg (Sum of all phthalates)	mg/kg	ND	Non Detect - Pass
Phthalates	Di(ethylhexyl) Phthalate (DEHP)	117-81-7	Infant/Toddler, Little Kids, Big Kids and Adult	50	Kids: 500 mg/kg Adult: 1000 mg/kg (Sum of all phthalates)	mg/kg	ND	Non Detect - Pass

Class	Chemical Name	CAS Number	Specific Limit Description (age ranges, screening)	Required Laboratory Reporting Limit	Nike Limit	Unit of Measure	Result	Pass/Fail Nike RSL
Phthalates	Dibutyl Phthalate	84-74-2	Infant/Toddler, Little Kids, Big Kids and Adult	50	Kids: 500 mg/kg Adult: 1000 mg/kg (Sum of all phthalates)	mg/kg	ND	Non Detect - Pass
Phthalates	Diethylphthalate (84-66-2)	84-66-2	Infant/Toddler, Little Kids, Big Kids and Adult	50	Kids: 500 mg/kg Adult: 1000 mg/kg (Sum of all phthalates)	mg/kg	ND	Non Detect - Pass
Phthalates	Di-isobutyl phthalate (DIBP)	84-69-5	Infant/Toddler, Little Kids, Big Kids and Adult	50	Kids: 500 mg/kg Adult: 1000 mg/kg (Sum of all phthalates)	mg/kg	ND	Non Detect - Pass
Phthalates	Di-isodecyl phthalate (DIDP)	26761-40-0	Infant/Toddler, Little Kids, Big Kids and Adult	50	Kids: 500 mg/kg Adult: 1000 mg/kg (Sum of all phthalates)	mg/kg	ND	Non Detect - Pass
Phthalates	Diisononyl phthalate (DINP)	28553-12-0	Infant/Toddler, Little Kids, Big Kids and Adult	50	Kids: 500 mg/kg Adult: 1000 mg/kg (Sum of all phthalates)	mg/kg	ND	Non Detect - Pass
Phthalates	Diisopentylphthalate (DIPP)	605-50-5	Infant/Toddler, Little Kids, Big Kids and Adult	50	Kids: 500 mg/kg Adult: 1000 mg/kg (Sum of all phthalates)	mg/kg	ND	Non Detect - Pass
Phthalates	Dimethylphthalate	131-11-3	Infant/Toddler, Little Kids, Big Kids and Adult	50	Kids: 500 mg/kg Adult: 1000 mg/kg (Sum of all phthalates)	mg/kg	ND	Non Detect - Pass
Phthalates	Di-n-hexylphthalate (DnHP)	84-75-3	Infant/Toddler, Little Kids, Big Kids and Adult	50	Kids: 500 mg/kg Adult: 1000 mg/kg (Sum of all phthalates)	mg/kg	ND	Non Detect - Pass
Phthalates	Di-n-octyl phthalate (DnOP)	117-84-0	Infant/Toddler, Little Kids, Big Kids and Adult	50	Kids: 500 mg/kg Adult: 1000 mg/kg (Sum of all phthalates)	mg/kg	ND	Non Detect - Pass

Class	Chemical Name	CAS Number	Specific Limit Description (age ranges, screening)	Required Laboratory Reporting Limit	Nike Limit	Unit of Measure	Result	Pass/Fail Nike RSL
Phthalates	Di-n-pentylphthalate (DnPP)	131-18-0	Infant/Toddler, Little Kids, Big Kids and Adult	50	Kids: 500 mg/kg Adult: 1000 mg/kg (Sum of all phthalates)	mg/kg	ND	Non Detect - Pass
Phthalates	N-pentyl-isopentyl phthalate (NPIPP)	776297-69-9	Infant/Toddler, Little Kids, Big Kids and Adult	50	Kids: 500 mg/kg Adult: 1000 mg/kg (Sum of all phthalates)	mg/kg	ND	Non Detect - Pass
Phthalates	1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	68515-50-4	Infant/Toddler, Little Kids, Big Kids and Adult	50	Kids: 500 mg/kg Adult: 1000 mg/kg (Sum of all phthalates)	mg/kg	ND	Non Detect - Pass
Sum of Phthalates	Sum of Phthalates	Sum_Phthal_Kids	Infant/Toddler, Little Kids, Big Kids and Adult	50	500 mg/kg (sum of all phthalates)	mg/kg	ND	Non Detect - Pass
PVC	Polyvinylchloride (PVC)	9002-86-2		PVC 10% (Due to complexity of analysis, Nike defines detection limit as 10%)	Apparel, Equipment, Footwear: All products, all materials: Not detected	%	ND	Non Detect - Pass

I Certify that the information provided on this form is correct and accurate:

Yes

Title: Product Chemist

Name: Scott Cybart

Date: Mar-21-2016



CONVERSE

Hurley



NIKE GOLF

Monday, March 21, 2016, 8:37:00 AM

File Name : NIKE_AP_PASS_KID_PASS_ADULT_Inkcups Now Corporation _Inks/Paints (Not Screen Printing_109235.pdf

SAMPLE SUBMITTER INFORMATION

Sample Submitter Name:

Joe Shairs

Sample Submitter Email:

joes@inkcups.com

Sample Submitter Phone:

978-646-8980

Business ID:

LAB INFORMATION

Testing Lab:

Bureau Veritas CPS (Buffalo)

Lab Contact Name:

Scott Cybart

Lab Contact Email:

scott.cybart@us.bureauveritas.com

RSL Version:

RSL JANUARY 2016

Lab Reference:

51160740031

BRAND INFORMATION

Brand:

NIKE

Product Type:

Apparel

Licenses:

No

Licensee Name:

Brand Liaison Office (LO):

Unknown

FACILITY INFORMATION

Ink/Dye Manufacturer

Factory

Factory Location Code:

Factory Name:

Vendor

Vendor Location Code:

Vendor Name:

Ink/Dye

Ink/Dye Manufacturer Code:

INK99

Ink/Dye Manufacturer Name:

Inkcups Now Corporation

Other Manufacturer

Other Manufacturer Name:

SAMPLE INFORMATION

Retest: No	Previous Lab Reference #:	Previous RSL Submit #:
Sample Description: Sapphire SB Series - SB-165 Black, SB-Superwhite, SB-Cool Grey #6, SB-PMS 240C, SB-PMS 293C, SB-PMS 7407C		
Season: SPSU	Year: 2016	Sample Type: Production-ready material
Sample Country of Origin: Italy	Date Sample Made: Mar-01-2016	Date Sample Submitted: Mar-09-2016

MATERIAL/PRODUCT INFORMATION

Material or Item Number:	Product or Style Number:	Material Type: Inks/Prints (Not Screen Printing)	Material Name: SB Ink 1000hnx hardner
		White: No	

MATERIAL COLOR INFORMATION

Color Name 1: Sapphire SB Series	Color Code 1: Cool Grey #6	Color Name 2:	Color Code 2:
GCW#:	GCW# Color Description:		

COLOR SYSTEM TESTING (INKS/PAINTS)

Base Name:	Base Color:	Pigment Name 1:	Pigment Color 1:
Pigment Name 2:	Pigment Color 2:	Pigment Name 3:	Pigment Color 3:

INDIVIDUAL TESTS

Is this submission for research and development (R&D) testing, non-standard testing, or a material requiring a unique multiple test package as directed by Nike?

No

OVERALL TEST RESULTS

Overall Test Result:

Pass

Test/Report Date:

Mar-21-2016

RSL Submit #:

109235

Partial Result:

No

Testing Delayed:

No

Reason for Delay:

Remarks

TEST PACKAGE SUMMARY

Test Package	PASS	FAIL	WARNING	Remarks
Adhesives & Inks/Prints (Not Screen Printing)	X			

SUMMARY OF FAILURES

Class Name	FAIL (KIDS)	FAIL (ADULT)	WARNING
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ANALYTE TESTS

Class	Chemical Name	CAS Number	Specific Limit Description (age ranges, screening)	Required Laboratory Reporting Limit	Nike Limit	Unit of Measure	Result	Pass/Fail Nike RSL
Alkylphenol Ethoxylates (NPEO, OPEO)	Nonylphenol Ethoxylate (multiple isomers)	NPEO		Sum of NPEO and OPEO: 20 mg/kg	Sum of NPEO and OPEO: ≤100mg/kg - Pass 100-500mg/kg - Warning >500mg/kg - Fail	mg/kg	ND	Non Detect - Pass
Alkylphenol Ethoxylates (NPEO, OPEO)	Octylphenol Ethoxylate (multiple isomers)	OPEO		Sum of NPEO and OPEO: 20 mg/kg	Sum of NPEO and OPEO: ≤100mg/kg - Pass 100-500mg/kg - Warning >500mg/kg - Fail	mg/kg	ND	Non Detect - Pass
Alkylphenol Ethoxylates (NPEO, OPEO)	Sum of NPEO & OPEO	Sum_NPEO_OPEO		Sum of NPEO and OPEO: 20 mg/kg	Sum of NPEO and OPEO: ≤100mg/kg - Pass 100-500mg/kg - Warning >500mg/kg - Fail	mg/kg	ND	Non Detect - Pass
Formaldehyde	Formaldehyde	50-00-0	Infant/Toddler (0-36 months) Little Kids, Big Kids and Adults (>36 months)	16	16 75	mg/kg	ND	Non Detect - Pass
Metals	Cadmium (Cd)	7440-43-9		5	50	mg/kg	ND	Non Detect - Pass
Metals	Lead (Pb)	7439-92-1		50	90	mg/kg	ND	Non Detect - Pass
Metals	Mercury (Hg)	7439-97-6		0.1	1	mg/kg	ND	Non Detect - Pass
Tin Screening	Tin (Sn)	7440-31-5	Tin Screening: If Tin> 0.1 mg/kg, organotin analysis required	Tin: 0.1 mg/kg (if Tin> 0.1 mg/kg, organotin analysis required)	Tin: 0.1 mg/kg (if Tin> 0.1 mg/kg, organotin analysis required)	mg/kg	ND	Non Detect - Pass

Class	Chemical Name	CAS Number	Specific Limit Description (age ranges, screening)	Required Laboratory Reporting Limit	Nike Limit	Unit of Measure	Result	Pass/Fail Nike RSL
Phthalates	1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (DIHP)	71888-89-6	Infant/Toddler, Little Kids, Big Kids and Adult	50	Kids: 500 mg/kg Adult: 1000 mg/kg (Sum of all phthalates)	mg/kg	ND	Non Detect - Pass
Phthalates	1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters (DHNUP)	68515-42-4	Infant/Toddler, Little Kids, Big Kids and Adult	50	Kids: 500 mg/kg Adult: 1000 mg/kg (Sum of all phthalates)	mg/kg	ND	Non Detect - Pass
Phthalates	Bis(2-methoxyethyl) phthalate (DMEP)	117-82-8	Infant/Toddler, Little Kids, Big Kids and Adult	50	Kids: 500 mg/kg Adult: 1000 mg/kg (Sum of all phthalates)	mg/kg	ND	Non Detect - Pass
Phthalates	Butyl benzyl phthalate (BBP)	85-68-7	Infant/Toddler, Little Kids, Big Kids and Adult	50	Kids: 500 mg/kg Adult: 1000 mg/kg (Sum of all phthalates)	mg/kg	ND	Non Detect - Pass
Phthalates	Di(ethylhexyl) Phthalate (DEHP)	117-81-7	Infant/Toddler, Little Kids, Big Kids and Adult	50	Kids: 500 mg/kg Adult: 1000 mg/kg (Sum of all phthalates)	mg/kg	ND	Non Detect - Pass
Phthalates	Dibutyl Phthalate	84-74-2	Infant/Toddler, Little Kids, Big Kids and Adult	50	Kids: 500 mg/kg Adult: 1000 mg/kg (Sum of all phthalates)	mg/kg	ND	Non Detect - Pass
Phthalates	Diethylphthalate (84-66-2)	84-66-2	Infant/Toddler, Little Kids, Big Kids and Adult	50	Kids: 500 mg/kg Adult: 1000 mg/kg (Sum of all phthalates)	mg/kg	ND	Non Detect - Pass
Phthalates	Di-isobutyl phthalate (DIBP)	84-69-5	Infant/Toddler, Little Kids, Big Kids and Adult	50	Kids: 500 mg/kg Adult: 1000 mg/kg (Sum of all phthalates)	mg/kg	ND	Non Detect - Pass
Phthalates	Di-isodecyl phthalate (DIDP)	26761-40-0	Infant/Toddler, Little Kids, Big Kids and Adult	50	Kids: 500 mg/kg Adult: 1000 mg/kg (Sum of all phthalates)	mg/kg	ND	Non Detect - Pass

Class	Chemical Name	CAS Number	Specific Limit Description (age ranges, screening)	Required Laboratory Reporting Limit	Nike Limit	Unit of Measure	Result	Pass/Fail Nike RSL
Phthalates	Diisononyl phthalate (DINP)	28553-12-0	Infant/Toddler, Little Kids, Big Kids and Adult	50	Kids: 500 mg/kg Adult: 1000 mg/kg (Sum of all phthalates)	mg/kg	ND	Non Detect - Pass
Phthalates	Diisopentylphthalate (DIPP)	605-50-5	Infant/Toddler, Little Kids, Big Kids and Adult	50	Kids: 500 mg/kg Adult: 1000 mg/kg (Sum of all phthalates)	mg/kg	ND	Non Detect - Pass
Phthalates	Dimethylphthalate	131-11-3	Infant/Toddler, Little Kids, Big Kids and Adult	50	Kids: 500 mg/kg Adult: 1000 mg/kg (Sum of all phthalates)	mg/kg	ND	Non Detect - Pass
Phthalates	Di-n-hexylphthalate (DnHP)	84-75-3	Infant/Toddler, Little Kids, Big Kids and Adult	50	Kids: 500 mg/kg Adult: 1000 mg/kg (Sum of all phthalates)	mg/kg	ND	Non Detect - Pass
Phthalates	Di-n-octyl phthalate (DnOP)	117-84-0	Infant/Toddler, Little Kids, Big Kids and Adult	50	Kids: 500 mg/kg Adult: 1000 mg/kg (Sum of all phthalates)	mg/kg	ND	Non Detect - Pass
Phthalates	Di-n-pentylphthalate (DnPP)	131-18-0	Infant/Toddler, Little Kids, Big Kids and Adult	50	Kids: 500 mg/kg Adult: 1000 mg/kg (Sum of all phthalates)	mg/kg	ND	Non Detect - Pass
Phthalates	N-pentyl-isopentyl phthalate (NPIPP)	776297-69-9	Infant/Toddler, Little Kids, Big Kids and Adult	50	Kids: 500 mg/kg Adult: 1000 mg/kg (Sum of all phthalates)	mg/kg	ND	Non Detect - Pass
Phthalates	1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	68515-50-4	Infant/Toddler, Little Kids, Big Kids and Adult	50	Kids: 500 mg/kg Adult: 1000 mg/kg (Sum of all phthalates)	mg/kg	ND	Non Detect - Pass
Sum of Phthalates	Sum of Phthalates	Sum_Phthal_Kids	Infant/Toddler, Little Kids, Big Kids and Adult	50	500 mg/kg (sum of all phthalates)	mg/kg	ND	Non Detect - Pass

Class	Chemical Name	CAS Number	Specific Limit Description (age ranges, screening)	Required Laboratory Reporting Limit	Nike Limit	Unit of Measure	Result	Pass/Fail Nike RSL
PVC	Polyvinylchloride (PVC)	9002-86-2		PVC 10% (Due to complexity of analysis, Nike defines detection limit as 10%)	Apparel, Equipment, Footwear: All products, all materials: Not detected	%	ND	Non Detect - Pass

I Certify that the information provided on this form is correct and accurate:

Yes

Title: Product Chemist

Name: Scott Cybart

Date: Mar-21-2016



CONSUMER TESTING LABORATORIES, Inc.

SOFTLINES TESTING LABORATORY • 2601 OTIS CORLEY DRIVE • BENTONVILLE, AR 72712
PHONE: (479) 286-2300 • FAX: (479) 286-2301 • customer_service.softlines.us@consumertesting.com

Evaluation of Test Results

Lab Report No: ARSL1326370

Issue Date: November 03, 2016

Revised November 07, 2016



Item Description: Garments for Wash Test - 6 Shirts X 10 Washes, 6 Shirts for 25 Washes, 6 Shirts for 50 Washes

Rating: **Pass**

CLIENT: Inkcups Now

COUNTRY OF ORIGIN: Not Provided

STYLE NUMBER: Not Provided

REASON FOR TESTING: Evaluation of Label Comparison for Durability

*** Please see the following pages for additional item information ***

Specialists in the Evaluation of Consumer Products Since 1952

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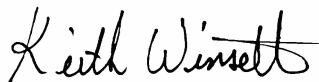
ADDITIONAL SAMPLE INFORMATION

SIZE(S)	COLOR(S)
Not Provided	Tusk, Olive Twist, SPGDHT Gold Heather
PO NUMBER(S)	
Not Applicable	
UPC CODE(S)	
Not Applicable	
ITEM NUMBER(S)	
Not Applicable	
	FABRIC CONSTRUCTION
	Knit
	GARMENT TYPE
	TOPS

Reason for Revision:

Revise screen print to pad print.

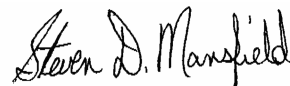
CONSUMER TESTING LABORATORIES, INC.



Keith Winsett

CATEGORY MANAGER, SOFTLINES TESTING

CONSUMER TESTING LABORATORIES, INC.



Steven D. Mansfield

DIRECTOR, SOFTLINES TESTING

Specialists in the Evaluation of Consumer Products Since 1952

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LABELING

RATING

COMMENTS

LABELED CARE INSTRUCTIONS:

FG LS CREW NECK: MACHINE WASH COLD SEPARATELY OR WITH LIKE COLORS. ONLY NON-CHLORINE BLEACH WHEN NEEDED. TUMBLE DRY LOW. MEDIUM IRON WHEN NEEDED.
NB OPP CAMI: MACHINE WASH COLD SEPARATELY OR WITH LIKE COLORS. ONLY NON-CHLORINE BLEACH WHEN NEEDED. TUMBLE DRY LOW. MEDIUM IRON WHEN NEEDED. DO NOT IRON PRINT / MOTIF.
FG WORDS TEE: TURN INSIDE OUT. MACHINE WASH COLD WITH LIKE COLORS. ONLY NON-CHLORINE BLEACH WHEN NEEDED. TUMBLE DRY LOW. MEDIUM IRON WHEN NEEDED. DO NOT IRON PRINT / MOTIF. DO NOT IRON DECORATION.

GENERAL APPEARANCE, WORKMANSHIP / CONSTRUCTION		
	RATING	COMMENTS
<u>Construction / Workmanship</u> Seams are neat with no loose threads, needle damage, open seams, puckering, etc.	---	N/A
<u>Color Defects</u> Exhibits good overall color quality	---	N/A
<u>Fabric Defects</u> No major defects, such as holes, runs, snags, stains, slub yarns, etc., or any other irregularities as defined in ASTM D3990	---	N/A
APPEARANCE / DURABILITY AFTER LAUNDERING OR DRYCLEANING		
	RATING	COMMENTS
<u>General Appearance after Laundering</u> No open seams, holes, snags, runs, loose threads, excessive pilling, puckering, etc.	---	SEE PHOTOS FOR LABEL DURABILITY
<u>Shape Distortion after Laundering</u> No evidence of twisting	---	N/A
<u>Fasteners / Metal Attachments after Laundering</u> Fasteners / metal attachments exhibit good appearance / durability after laundering	---	N/A
ADDITIONAL COMMENTS:		
NOTE: HEAT SEAL LABEL RETAINS SHARPER EDGES WITH LESS FADING THRU ALL WASH CYCLES, TENDENCY TO PEEL.		
PAD PRINT LABEL BECOMES BLURRED, FUZZY, WITH SOME FADING AS WASH CYCLES CONTINUE. NO PEELING.		

FG LONG SLEEVE CREW NECK - COLOR: SPUN GOLD HEATHER

NOTE: HEAT SEAL LABEL RETAINS SHARPER EDGES WITH LESS FADING THRU ALL WASH CYCLES, TENDENCY TO PEEL. PAD PRINT LABEL BECOMES BLURRED, FUZZY, AND FADES AS WASH CYCLES CONTINUE. NO PEELING.

**LABEL #1 IS HEAT SEAL
LABEL #2 IS PAD PRINT**



SHIRT A - ORIGINAL



SHIRT A - 10X WASH



SHIRT A - 25X WASH



SHIRT A - 50X WASH



FG LONG SLEEVE CREW NECK - COLOR: SPUN GOLD HEATHER

NOTE: HEAT SEAL LABEL RETAINS SHARPER EDGES WITH LESS FADING THRU ALL WASH CYCLES, TENDENCY TO PEEL. PAD PRINT LABEL BECOMES BLURRED, FUZZY, AND FADES AS WASH CYCLES CONTINUE. NO PEELING.



LABEL #1 IS HEAT SEAL
LABEL #2 IS PAD PRINT

SHIRT B - ORIGINAL



SHIRT B - 10X WASH



SHIRT B - 25X WASH



SHIRT B - 50X WASH



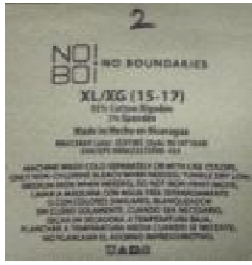
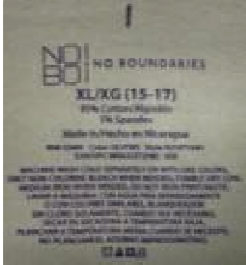
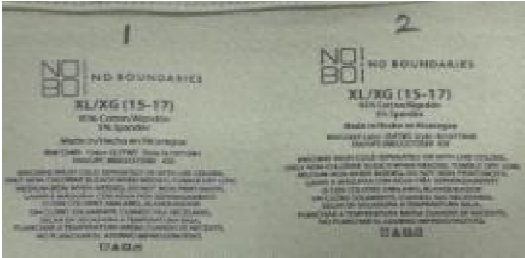
NO BOUNDARIES OPP CAMI COLOR: OLIVE TWIST

NOTE: HEAT SEAL LABEL RETAINS SHARPER EDGES WITH LESS FADING THRU ALL WASH CYCLES, TENDENCY TO PEEL. PAD PRINT LABEL BECOMES BLURRED, FUZZY, AND FADES AS WASH CYCLES CONTINUE. NO PEELING.

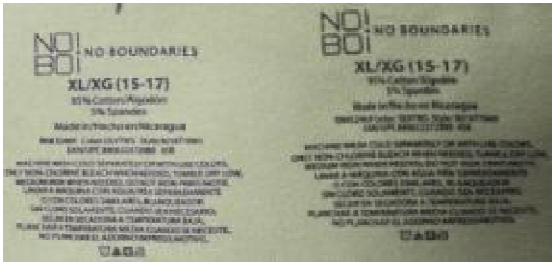


LABEL #1 IS HEAT SEAL LABEL #2 IS PAD PRINT

SHIRT A - ORIGINAL



SHIRT A - 10X WASH



SHIRT A - 25X WASH



SHIRT A - 50X WASH



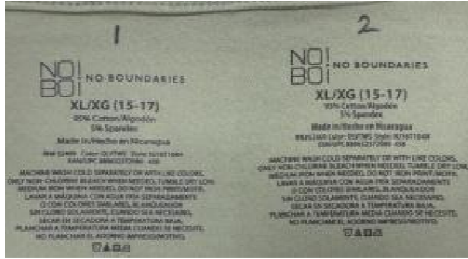
NO BOUNDARIES OPP CAMI COLOR: OLIVE TWIST

NOTE: HEAT SEAL LABEL RETAINS SHARPER EDGES WITH LESS FADING THRU ALL WASH CYCLES, TENDENCY TO PEEL. PAD PRINT LABEL BECOMES BLURRED, FUZZY, AND FADES AS WASH CYCLES CONTINUE. NO PEELING.



LABEL #1 IS HEAT SEAL
LABEL #2 IS PAD PRINT

SHIRT B - ORIGINAL



SHIRT B - 10X WASH



SHIRT B - 25X WASH



SHIRT B - 50X WASH



FG WORDS TEE COLOR: TUSK

NOTE: HEAT SEAL LABEL RETAINS SHARPER EDGES WITH LESS FADING THRU ALL WASH CYCLES, TENDENCY TO PEEL. PAD PRINT LABEL BECOMES BLURRED, FUZZY, AND FADES AS WASH CYCLES CONTINUE. NO PEELING.



**LABEL #1 IS HEAT SEAL
LABEL #2 IS PAD PRINT**

SHIRT A - ORIGINAL



PLEASE NOTE: HEAT SEAL STARTS SLIGHTLY DARKER

SHIRT A - 10X WASH



SHIRT A - 25X WASH



SHIRT A - 50X WASH



FG WORDS TEE COLOR: TUSK

NOTE: HEAT SEAL LABEL RETAINS SHARPER EDGES WITH LESS FADING THRU ALL WASH CYCLES, TENDENCY TO PEEL. PAD PRINT LABEL BECOMES BLURRED, FUZZY, AND FADES AS WASH CYCLES CONTINUE. NO PEELING.



**LABEL #1 IS HEAT SEAL
LABEL #2 IS PAD PRINT**

SHIRT B - ORIGINAL



SHIRT B - 10X WASH



NOTE: HEAT SEAL LABEL IS PEELING/DISINTEGRATING

SHIRT B - 25X WASH



SHIRT B - 50X WASH





CONVERSE

Hurley



NIKE GOLF

Monday, March 21, 2016, 9:13:29 AM

File Name : NIKE_AP_PASS_KID_PASS_ADULT_Inkcups Now Corporation _Inks/Paints (Not Screen Printing_109239.pdf

SAMPLE SUBMITTER INFORMATION

Sample Submitter Name:

Joe Shairs

Sample Submitter Email:

joes@inkcups.com

Sample Submitter Phone:

978-646-8980

Business ID:

LAB INFORMATION

Testing Lab:

Bureau Veritas CPS (Buffalo)

Lab Contact Name:

Scott Cybart

Lab Contact Email:

scott.cybart@us.bureauveritas.com

RSL Version:

RSL JANUARY 2016

Lab Reference:

51160740036

BRAND INFORMATION

Brand:

NIKE

Product Type:

Apparel

Licenses:

No

Licensee Name:

Brand Liaison Office (LO):

Unknown

FACILITY INFORMATION

Ink/Dye Manufacturer

Factory

Factory Location Code:

Factory Name:

Vendor

Vendor Location Code:

Vendor Name:

Ink/Dye

Ink/Dye Manufacturer Code:

INK99

Ink/Dye Manufacturer Name:

Inkcups Now Corporation

Other Manufacturer

Other Manufacturer Name:

SAMPLE INFORMATION

Retest: No	Previous Lab Reference #:	Previous RSL Submit #:
Sample Description: Sapphire SB Series - SB-165 Black, SB-Superwhite, SB-Cool Grey #6, SB-PMS 240C, SB-PMS 293C, SB-PMS 7407C		
Season: SPSU	Year: 2016	Sample Type: Production-ready material
Sample Country of Origin: Italy	Date Sample Made: Mar-01-2016	Date Sample Submitted: Mar-09-2016

MATERIAL/PRODUCT INFORMATION

Material or Item Number:	Product or Style Number:	Material Type: Inks/Prints (Not Screen Printing)	Material Name: SB Ink 1000hnx hardner
		White: No	

MATERIAL COLOR INFORMATION

Color Name 1: Sapphire SB Series	Color Code 1: SuperWhite	Color Name 2:	Color Code 2:
GCW#:	GCW# Color Description:		

COLOR SYSTEM TESTING (INKS/PAINTS)

Base Name:	Base Color:	Pigment Name 1:	Pigment Color 1:
Pigment Name 2:	Pigment Color 2:	Pigment Name 3:	Pigment Color 3:

INDIVIDUAL TESTS

Is this submission for research and development (R&D) testing, non-standard testing, or a material requiring a unique multiple test package as directed by Nike?

No

OVERALL TEST RESULTS

Overall Test Result:

Pass

Test/Report Date:

Mar-21-2016

RSL Submit #:

109239

Partial Result:

No

Testing Delayed:

No

Reason for Delay:

Remarks

TEST PACKAGE SUMMARY

Test Package	PASS	FAIL	WARNING	Remarks
Adhesives & Inks/Prints (Not Screen Printing)	X			

SUMMARY OF FAILURES

Class Name	FAIL (KIDS)	FAIL (ADULT)	WARNING
------------	-------------	--------------	---------

ANALYTE TESTS

Class	Chemical Name	CAS Number	Specific Limit Description (age ranges, screening)	Required Laboratory Reporting Limit	Nike Limit	Unit of Measure	Result	Pass/Fail Nike RSL
Alkylphenol Ethoxylates (NPEO, OPEO)	Nonylphenol Ethoxylate (multiple isomers)	NPEO		Sum of NPEO and OPEO: 20 mg/kg	Sum of NPEO and OPEO: ≤100mg/kg - Pass 100-500mg/kg - Warning >500mg/kg - Fail	mg/kg	ND	Non Detect - Pass
Alkylphenol Ethoxylates (NPEO, OPEO)	Octylphenol Ethoxylate (multiple isomers)	OPEO		Sum of NPEO and OPEO: 20 mg/kg	Sum of NPEO and OPEO: ≤100mg/kg - Pass 100-500mg/kg - Warning >500mg/kg - Fail	mg/kg	ND	Non Detect - Pass
Alkylphenol Ethoxylates (NPEO, OPEO)	Sum of NPEO & OPEO	Sum_NPEO_OPEO		Sum of NPEO and OPEO: 20 mg/kg	Sum of NPEO and OPEO: ≤100mg/kg - Pass 100-500mg/kg - Warning >500mg/kg - Fail	mg/kg	ND	Non Detect - Pass
Formaldehyde	Formaldehyde	50-00-0	Infant/Toddler (0-36 months) Little Kids, Big Kids and Adults (>36 months)	16	16 75	mg/kg	ND	Non Detect - Pass
Metals	Cadmium (Cd)	7440-43-9		5	50	mg/kg	ND	Non Detect - Pass
Metals	Lead (Pb)	7439-92-1		50	90	mg/kg	ND	Non Detect - Pass
Metals	Mercury (Hg)	7439-97-6		0.1	1	mg/kg	ND	Non Detect - Pass
Organotins - Group 3	Diocetyl tin (DOT)	Multiple CAS numbers		0.1	100	mg/kg	ND	Non Detect - Pass
Organotins - Group 2	Dibutyltin (DBT)	1002-53-5	Infant/Toddler (up to 36 months)	0.1	1	mg/kg	0.144	Pass

Class	Chemical Name	CAS Number	Specific Limit Description (age ranges, screening)	Required Laboratory Reporting Limit	Nike Limit	Unit of Measure	Result	Pass/Fail Nike RSL
Organotins - Group 3	Monobutyltin (MBT)	Multiple CAS numbers		0.1	Info Only	mg/kg	ND	Non Detect - Pass
Organotins - Group 3	Monooctyltin (MOT)	Multiple CAS numbers		0.1	Info Only	mg/kg	ND	Info Only
Organotins - Group 3	Tetrabutyltin (TeBT)	Multiple CAS numbers		0.1	Info Only	mg/kg	ND	Info Only
Organotins - Group 1	Tributyltin (TBT)	56573-85-4		0.1	0.1	mg/kg	ND	Non Detect - Pass
Organotins - Group 1	Triphenyltin (TPHT)	668-34-8		0.1	0.1	mg/kg	ND	Non Detect - Pass
Sum of Organotins - Group 1	Sum of Tributyltin & Triphenyltin	Sum_TbT_TpHT		0.1 each	0.5 (Sum of Organotins - Group 1)	mg/kg	ND	Non Detect - Pass
Tin Screening	Tin (Sn)	7440-31-5	Tin Screening: If Tin > 0.1 mg/kg, organotin analysis required	Tin: 0.1 mg/kg (if Tin > 0.1 mg/kg, organotin analysis required)	Tin: 0.1 mg/kg (if Tin > 0.1 mg/kg, organotin analysis required)	mg/kg	0.160	Organotin testing required
Phthalates	1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (DIHP)	71888-89-6	Infant/Toddler, Little Kids, Big Kids and Adult	50	Kids: 500 mg/kg Adult: 1000 mg/kg (Sum of all phthalates)	mg/kg	ND	Non Detect - Pass
Phthalates	1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters (DHNUP)	68515-42-4	Infant/Toddler, Little Kids, Big Kids and Adult	50	Kids: 500 mg/kg Adult: 1000 mg/kg (Sum of all phthalates)	mg/kg	ND	Non Detect - Pass
Phthalates	Bis(2-methoxyethyl) phthalate (DMEP)	117-82-8	Infant/Toddler, Little Kids, Big Kids and Adult	50	Kids: 500 mg/kg Adult: 1000 mg/kg (Sum of all phthalates)	mg/kg	ND	Non Detect - Pass
Phthalates	Butyl benzyl phthalate (BBP)	85-68-7	Infant/Toddler, Little Kids, Big Kids and Adult	50	Kids: 500 mg/kg Adult: 1000 mg/kg (Sum of all phthalates)	mg/kg	ND	Non Detect - Pass
Phthalates	Di(ethylhexyl) Phthalate (DEHP)	117-81-7	Infant/Toddler, Little Kids, Big Kids and Adult	50	Kids: 500 mg/kg Adult: 1000 mg/kg (Sum of all phthalates)	mg/kg	ND	Non Detect - Pass

Class	Chemical Name	CAS Number	Specific Limit Description (age ranges, screening)	Required Laboratory Reporting Limit	Nike Limit	Unit of Measure	Result	Pass/Fail Nike RSL
Phthalates	Dibutyl Phthalate	84-74-2	Infant/Toddler, Little Kids, Big Kids and Adult	50	Kids: 500 mg/kg Adult: 1000 mg/kg (Sum of all phthalates)	mg/kg	ND	Non Detect - Pass
Phthalates	Diethylphthalate (84-66-2)	84-66-2	Infant/Toddler, Little Kids, Big Kids and Adult	50	Kids: 500 mg/kg Adult: 1000 mg/kg (Sum of all phthalates)	mg/kg	ND	Non Detect - Pass
Phthalates	Di-isobutyl phthalate (DIBP)	84-69-5	Infant/Toddler, Little Kids, Big Kids and Adult	50	Kids: 500 mg/kg Adult: 1000 mg/kg (Sum of all phthalates)	mg/kg	ND	Non Detect - Pass
Phthalates	Di-isodecyl phthalate (DIDP)	26761-40-0	Infant/Toddler, Little Kids, Big Kids and Adult	50	Kids: 500 mg/kg Adult: 1000 mg/kg (Sum of all phthalates)	mg/kg	ND	Non Detect - Pass
Phthalates	Diisononyl phthalate (DINP)	28553-12-0	Infant/Toddler, Little Kids, Big Kids and Adult	50	Kids: 500 mg/kg Adult: 1000 mg/kg (Sum of all phthalates)	mg/kg	ND	Non Detect - Pass
Phthalates	Diisopentylphthalate (DIPP)	605-50-5	Infant/Toddler, Little Kids, Big Kids and Adult	50	Kids: 500 mg/kg Adult: 1000 mg/kg (Sum of all phthalates)	mg/kg	ND	Non Detect - Pass
Phthalates	Dimethylphthalate	131-11-3	Infant/Toddler, Little Kids, Big Kids and Adult	50	Kids: 500 mg/kg Adult: 1000 mg/kg (Sum of all phthalates)	mg/kg	ND	Non Detect - Pass
Phthalates	Di-n-hexylphthalate (DnHP)	84-75-3	Infant/Toddler, Little Kids, Big Kids and Adult	50	Kids: 500 mg/kg Adult: 1000 mg/kg (Sum of all phthalates)	mg/kg	ND	Non Detect - Pass
Phthalates	Di-n-octyl phthalate (DnOP)	117-84-0	Infant/Toddler, Little Kids, Big Kids and Adult	50	Kids: 500 mg/kg Adult: 1000 mg/kg (Sum of all phthalates)	mg/kg	ND	Non Detect - Pass

Class	Chemical Name	CAS Number	Specific Limit Description (age ranges, screening)	Required Laboratory Reporting Limit	Nike Limit	Unit of Measure	Result	Pass/Fail Nike RSL
Phthalates	Di-n-pentylphthalate (DnPP)	131-18-0	Infant/Toddler, Little Kids, Big Kids and Adult	50	Kids: 500 mg/kg Adult: 1000 mg/kg (Sum of all phthalates)	mg/kg	ND	Non Detect - Pass
Phthalates	N-pentyl-isopentyl phthalate (NPIPP)	776297-69-9	Infant/Toddler, Little Kids, Big Kids and Adult	50	Kids: 500 mg/kg Adult: 1000 mg/kg (Sum of all phthalates)	mg/kg	ND	Non Detect - Pass
Phthalates	1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	68515-50-4	Infant/Toddler, Little Kids, Big Kids and Adult	50	Kids: 500 mg/kg Adult: 1000 mg/kg (Sum of all phthalates)	mg/kg	ND	Non Detect - Pass
Sum of Phthalates	Sum of Phthalates	Sum_Phthal_Kids	Infant/Toddler, Little Kids, Big Kids and Adult	50	500 mg/kg (sum of all phthalates)	mg/kg	ND	Non Detect - Pass
PVC	Polyvinylchloride (PVC)	9002-86-2		PVC 10% (Due to complexity of analysis, Nike defines detection limit as 10%)	Apparel, Equipment, Footwear: All products, all materials: Not detected	%	ND	Non Detect - Pass

I Certify that the information provided on this form is correct and accurate:

Yes

Title: Product Chemist

Name: Scott Cybart

Date: Mar-21-2016

Test Report

Report No. SCL01H107706

Page 1 of 15

Report Issued Date : Dec. 21, 2015

The following sample(s) and sample information was/were submitted and identified by/on the behalf of the client

Sample Description SB Series Ink: COOL GREY #6, SUPERWHITE, 165 BLACK, PMS 240, PMS 293, PMS 7407

Amount Of Sample 2 oz

Buyer's Name / Division INKCUPS NOW CORP

Applicant & Address 310 ANDOVER STREET DANVERS MA 01923, USA

Contact Person Joe S.

Tel No. 978-646-8980

Mail Box joes@inkcups.com

Summary Report **Pass**

Failure Test Items ---

Age Group Adults&Infants

Material Name/ Code SB SERIES: COOL GREY #6,SUPERWHITE,165 BLACK,PMS 240, 293, 7407

Color Name/ Code COOL GREY #6,SUPERWHITE,165 BLACK,PMS 240, 293, 7407

Supplier Name ---

Country Of Origin ---

Country Of Destination ---

Material Component ---

Sample Classification Miscellaneous

Test Key Code No. ---

Report Type (FT)

Full Test Report No. ---

P.O. No. ---

Item No. ---

Additional Information ---

Sample Received Date Dec. 15, 2015

Testing Period Dec. 15, 2015 to Dec. 21, 2015

Full Test (FT)/ First Order (FO)/ Separate Colors (SC*)/ New version update test items (NT*)/ Improvement Test (IT*)/ Random Test (RT)/ Supplier Internal (SI)/ Special Test (ST*)



Tested by

Jack Zhu

Approved by

Yanna Cao

Yanna Cao
Lab Manager

Centre Testing International Group Co.,Ltd.

Reviewed by

Amber Feng

Date

Dec. 21, 2015

No. S198449201

Hongwei Industrial Zone, Bao'an 70 District, Shenzhen, Guangdong, China

Test Report

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Summary of Test Result(s)			
Test Item(s)	Pre-Treatment	Test Method	Conclusion
Cadmium-Extraction	DIN EN ISO 105-E04 (2013) in acid solution (1 hour extraction with 37°C)	DIN EN ISO 11885 (2009)	PASS
Cadmium -Total	Microwave digestion	DIN EN ISO 11885 (2009)	PASS
Chromium-Extraction	DIN EN ISO 105-E04 (2013) in acid solution (1 hour extraction with 37°C)	DIN EN ISO 11885 (2009)	PASS
Lead-Extraction	DIN EN ISO 105-E04 (2013) in acid solution (1 hour extraction with 37°C)	DIN EN ISO 11885 (2009)	PASS
Lead-Total	Non-metal parts: Microwave digestion with H ₂ O ₂ /HNO ₃ (or HF in case of silicone polymers) ;Metal parts:Aqua regia	DIN EN ISO 11885 (2009)	PASS
Mercury-Extraction	DIN EN ISO 105-E04 (2013) in acid solution (1 hour extraction with 37°C)	DIN EN ISO 12846(2012)	PASS
Formaldehyde	DIN EN ISO 14184-1, (2011)		PASS
ΣPentachlorophenol (PCP), Tetrachlorophenol (TeCP) and Trichlorophenol (TriCP)	Extraction with KOH	GCMS	PASS
o-Phenylphenol (o-PP)	Extraction with KOH	GCMS	PASS
Dibutyltin (DBT)	ISO/TS 16179 (2012)		PASS
Diocetyl Tins(DOT)	ISO/TS 16179 (2012)		PASS
Tributyltin (TBT)	ISO/TS 16179 (2012)		PASS
Triphenyltin (TPhT)	ISO/TS 16179 (2012)		PASS
Σ of NP, OP, NPEO, OPEO	NP,OP:Extraction with dichloromethane NPEO,OPEO:Draft DIN EN ISO 18254(2014)	NP,OP: GCMS or LCMS NPEO,OPEO: GCMS or LCMS	PASS
Disperse Dyes and Dyestuffs	DIN 54231 (2005)		PASS
Azo-Amines	prEN ISO 14362-1(2015)&prEN ISO 14362-3(2015)		PASS
Σ Short Chained Chloroparaffines C10 to C13 (SCCP)	Draft DIN EN ISO 18219:2012-12		PASS
Σ Phthalates	Extraction in dichloromethane with ASE or Soxhlet	GCMS	PASS

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Regulated Polycyclic Aromatic Hydrocarbons (PAHs) of high concern	AfPS GS 2014:01	AfPS GS 2014:01	PASS
Σ of Polycyclic Aromatic Hydrocarbons(PAHs)	AfPS GS 2014:01	AfPS GS 2014:01	PASS

Note: Photo of submitted sample appendix was included.

Photo(s) of the sample(s)



***** For Further Details, Please Refer To the Following Page(s) *****

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Test Conducted (As Requested By The Client)

1 Cadmium-Extraction

Test Item(s)	Test Result (mg/kg)			MDL (mg/kg)	Threshold Limit Value (TLV) (mg/kg)
	001*	002*	003*		
Cadmium-Extraction	N.D.	N.D.	N.D.	0.02	0.1

Test Item(s)	Test Result (mg/kg)			MDL (mg/kg)	Threshold Limit Value (TLV) (mg/kg)
	004*	005*	006*		
Cadmium-Extraction	N.D.	N.D.	N.D.	0.02	0.1

2 Cadmium -Total

Test Item(s)	Test Result (mg/kg)		MDL (mg/kg)	Threshold Limit Value (TLV) (mg/kg)
	001*+002*+003*	004*+005*+006*		
Cadmium -Total	N.D.	N.D.	5	40

3 Chromium-Extraction

Test Item(s)	Test Result (mg/kg)			MDL (mg/kg)	Threshold Limit Value (TLV) (mg/kg)
	001*	002*	003*		
Chromium-Extraction	N.D.	N.D.	N.D.	0.02	2(Adults) 1(Infants)

Test Item(s)	Test Result (mg/kg)			MDL (mg/kg)	Threshold Limit Value (TLV) (mg/kg)
	004*	005*	006*		
Chromium-Extraction	N.D.	N.D.	N.D.	0.02	2(Adults) 1(Infants)

4 Lead-Extraction

Test Item(s)	Test Result (mg/kg)			MDL (mg/kg)	Threshold Limit Value (TLV) (mg/kg)
	001*	002*	003*		
Lead-Extraction	N.D.	N.D.	N.D.	0.02	1(Adults) 0.2(Infants)

Test Item(s)	Test Result (mg/kg)			MDL (mg/kg)	Threshold Limit Value (TLV) (mg/kg)
	004*	005*	006*		
Lead-Extraction	N.D.	N.D.	N.D.	0.02	1(Adults) 0.2(Infants)

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5 Lead -Total

Test Item(s)	Test Result (mg/kg)		MDL (mg/kg)	Threshold Limit Value (TLV) (mg/kg)
	001*+002*+003*	004*+005*+006*		
Lead -Total	N.D.	N.D.	5	40

6 Mercury-Extraction

Test Item(s)	Test Result (mg/kg)			MDL (mg/kg)	Threshold Limit Value (TLV) (mg/kg)
	001*	002*	003*		
Mercury-Extraction	N.D.	N.D.	N.D.	0.01	0.02

Test Item(s)	Test Result (mg/kg)			MDL (mg/kg)	Threshold Limit Value (TLV) (mg/kg)
	004*	005*	006*		
Mercury-Extraction	N.D.	N.D.	N.D.	0.01	0.02

7 Formaldehyde

Test Item(s)	Test Result (mg/kg)			MDL (mg/kg)	Threshold Limit Value (TLV) (mg/kg)
	001	002	003		
Formaldehyde	N.D.	N.D.	N.D.	13	75(Adults) 13(Infants)

Test Item(s)	Test Result (mg/kg)			MDL (mg/kg)	Threshold Limit Value (TLV) (mg/kg)
	004	005	006		
Formaldehyde	N.D.	N.D.	N.D.	13	75(Adults) 13(Infants)

8 ΣPentachlorophenol (PCP), Tetrachlorophenol (TeCP) and Trichlorophenol (TriCP)

Test Item(s)	Test Result (mg/kg)			MDL (mg/kg)	Threshold Limit Value (TLV) (mg/kg)
	001	002	003		
Pentachlorophenol (PCP)	N.D.	N.D.	N.D.	0.05	0.5(Adults) 0.05(Infants)
Tetrachlorophenol (TeCP)	N.D.	N.D.	N.D.	0.05	
Trichlorophenol (TriCP)	N.D.	N.D.	N.D.	0.05	

Test Item(s)	Test Result (mg/kg)			MDL (mg/kg)	Threshold Limit Value (TLV) (mg/kg)
	004	005	006		
Pentachlorophenol (PCP)	N.D.	N.D.	N.D.	0.05	0.5(Adults) 0.05(Infants)
Tetrachlorophenol (TeCP)	N.D.	N.D.	N.D.	0.05	
Trichlorophenol (TriCP)	N.D.	N.D.	N.D.	0.05	

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9 o-Phenylphenol (o-PP)

Test Item(s)	Test Result (mg/kg)			MDL (mg/kg)	Threshold Limit Value (TLV) (mg/kg)
	001	002	003		
o-Phenylphenol (o-PP)	N.D.	N.D.	N.D.	0.5	1000(Adults) 500(Infants)

Test Item(s)	Test Result (mg/kg)			MDL (mg/kg)	Threshold Limit Value (TLV) (mg/kg)
	004	005	006		
o-Phenylphenol (o-PP)	N.D.	N.D.	N.D.	0.5	1000(Adults) 500(Infants)

10 Dibutyltin (DBT)

Test Item(s)	Test Result (mg/kg)			MDL (mg/kg)	Threshold Limit Value (TLV) (mg/kg)
	001	002	003		
Dibutyltin(DBT)	N.D.	N.D.	N.D.	0.05	1

Test Item(s)	Test Result (mg/kg)			MDL (mg/kg)	Threshold Limit Value (TLV) (mg/kg)
	004	005	006		
Dibutyltin(DBT)	N.D.	N.D.	N.D.	0.05	1

11 Diocetyl Tins(DOT)

Test Item(s)	Test Result (mg/kg)			MDL (mg/kg)	Threshold Limit Value (TLV) (mg/kg)
	001	002	003		
Diocetyl tin(DOT)	N.D.	N.D.	N.D.	0.05	1

Test Item(s)	Test Result (mg/kg)			MDL (mg/kg)	Threshold Limit Value (TLV) (mg/kg)
	004	005	006		
Diocetyl tin(DOT)	N.D.	N.D.	N.D.	0.05	1

12 Tributyltin (TBT)

Test Item(s)	Test Result (mg/kg)			MDL (mg/kg)	Threshold Limit Value (TLV) (mg/kg)
	001	002	003		
Tributyltin(TBT)	N.D.	N.D.	N.D.	0.025	0.05

Test Item(s)	Test Result (mg/kg)			MDL (mg/kg)	Threshold Limit Value (TLV) (mg/kg)
	004	005	006		
Tributyltin(TBT)	N.D.	N.D.	N.D.	0.025	0.05

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13 Triphenyltin (TPhT)

Test Item(s)	Test Result (mg/kg)			MDL (mg/kg)	Threshold Limit Value (TLV) (mg/kg)
	001	002	003		
Triphenyltin(TPhT)	N.D.	N.D.	N.D.	0.05	1(Adults) 0.5(Infants)

Test Item(s)	Test Result (mg/kg)			MDL (mg/kg)	Threshold Limit Value (TLV) (mg/kg)
	004	005	006		
Triphenyltin(TPhT)	N.D.	N.D.	N.D.	0.05	1(Adults) 0.5(Infants)

14 Σ of NP, OP, NPEO, OPEO

Test Item(s)	Test Result (mg/kg)			MDL (mg/kg)	Threshold Limit Value (TLV) (mg/kg)
	001	002	003		
Octylphenol(OP)	N.D.	N.D.	N.D.	10	250 (10 for NP,OP as single parameters)
Nonylphenol(NP)	N.D.	N.D.	N.D.	10	
Octylphenol Ethoxylate(OPEO)	N.D.	N.D.	N.D.	50	
Nonylphenol Ethoxylate(NPEO)	N.D.	N.D.	N.D.	50	

Test Item(s)	Test Result (mg/kg)			MDL (mg/kg)	Threshold Limit Value (TLV) (mg/kg)
	004	005	006		
Octylphenol(OP)	N.D.	N.D.	N.D.	10	250 (10 for NP,OP as single parameters)
Nonylphenol(NP)	N.D.	N.D.	N.D.	10	
Octylphenol Ethoxylate(OPEO)	N.D.	N.D.	N.D.	50	
Nonylphenol Ethoxylate(NPEO)	N.D.	N.D.	160	50	

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15 Disperse Dyes and Dvestuffs

Test Item(s)	Cas No.	C.I. No.	Test Result (mg/kg)		MDL (mg/kg)
			001+003	002	
Acid Red 26	3761-53-3	16150	N.D.	N/A	15
Basic Black 38	1937-37-7	30235	N.D.	N/A	15
Basic Red 9	569-61-9	42500	N.D.	N/A	15
Basic Violet 14	632-99-5	42510	N.D.	N/A	15
Direct Blue 6	2602-46-2	22610	N.D.	N/A	15
Direct Red 28	573-58-0	22120	N.D.	N/A	15
Disperse Blue 1	2475-45-8	64500	N.D.	N/A	15
Disperse Blue 102	12222-97-8	/	N.D.	N/A	15
Disperse Blue 106	12223-01-7	/	N.D.	N/A	15
Disperse Blue 124	61951-51-7	/	N.D.	N/A	15
Disperse Blue 26	3860-63-7	63305	N.D.	N/A	15
Disperse Blue 3	2475-46-9	61505	N.D.	N/A	15
Disperse Blue 35	12222-75-2	/	N.D.	N/A	15
Disperse Blue 7	3179-90-6	62500	N.D.	N/A	15
Disperse Brown 1	23355-64-8	/	N.D.	N/A	15
Disperse Orange 1	2581-69-3	11080	N.D.	N/A	15
Disperse Orange 11	82-28-0	60700	N.D.	N/A	15
Disperse Orange 149	85136-74-9	/	N.D.	N/A	15
Disperse Orange 3	730-40-5	11005	N.D.	N/A	15
Disperse Orange 37/59/76	12223-33-5/13 301-61-6/5181 1-42-8	/	N.D.	N/A	15
Disperse Red 1	2872-52-8	11110	N.D.	N/A	15
Disperse Red 11	2872-48-2	62015	N.D.	N/A	15
Disperse Red 17	3179-89-3	11210	N.D.	N/A	15
Disperse Yellow 1	119-15-3	10345	N.D.	N/A	15
Disperse Yellow 23	6250-23-3	26070	N.D.	N/A	15
Disperse Yellow 3	2832-40-8	11855	N.D.	N/A	15
Disperse Yellow 39	12236-29-2	/	N.D.	N/A	15
Disperse Yellow 49	54824-37-2	/	N.D.	N/A	15
Disperse Yellow 9	6373-73-5	10375	N.D.	N/A	15

Threshold Limit Value(TLV) = 50 mg/kg

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Test Item(s)	Cas No.	C.I. No.	Test Result (mg/kg)		MDL (mg/kg)
			004+005	006	
Acid Red 26	3761-53-3	16150	N.D.	N.D.	15
Basic Black 38	1937-37-7	30235	N.D.	N.D.	15
Basic Red 9	569-61-9	42500	N.D.	N.D.	15
Basic Violet 14	632-99-5	42510	N.D.	N.D.	15
Direct Blue 6	2602-46-2	22610	N.D.	N.D.	15
Direct Red 28	573-58-0	22120	N.D.	N.D.	15
Disperse Blue 1	2475-45-8	64500	N.D.	N.D.	15
Disperse Blue 102	12222-97-8	/	N.D.	N.D.	15
Disperse Blue 106	12223-01-7	/	N.D.	N.D.	15
Disperse Blue 124	61951-51-7	/	N.D.	N.D.	15
Disperse Blue 26	3860-63-7	63305	N.D.	N.D.	15
Disperse Blue 3	2475-46-9	61505	N.D.	N.D.	15
Disperse Blue 35	12222-75-2	/	N.D.	N.D.	15
Disperse Blue 7	3179-90-6	62500	N.D.	N.D.	15
Disperse Brown 1	23355-64-8	/	N.D.	N.D.	15
Disperse Orange 1	2581-69-3	11080	N.D.	N.D.	15
Disperse Orange 11	82-28-0	60700	N.D.	N.D.	15
Disperse Orange 149	85136-74-9	/	N.D.	N.D.	15
Disperse Orange 3	730-40-5	11005	N.D.	N.D.	15
Disperse Orange 37/59/76	12223-33-5/13 301-61-6/5181 1-42-8	/	N.D.	N.D.	15
Disperse Red 1	2872-52-8	11110	N.D.	N.D.	15
Disperse Red 11	2872-48-2	62015	N.D.	N.D.	15
Disperse Red 17	3179-89-3	11210	N.D.	N.D.	15
Disperse Yellow 1	119-15-3	10345	N.D.	N.D.	15
Disperse Yellow 23	6250-23-3	26070	N.D.	N.D.	15
Disperse Yellow 3	2832-40-8	11855	N.D.	N.D.	15
Disperse Yellow 39	12236-29-2	/	N.D.	N.D.	15
Disperse Yellow 49	54824-37-2	/	N.D.	N.D.	15
Disperse Yellow 9	6373-73-5	10375	N.D.	N.D.	15

Threshold Limit Value(TLV) = 50 mg/kg

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16 Azo-Amines

Test Item(s)	Cas No.	Test Result (mg/kg)			MDL (mg/kg)
		001+003	002	004+005+006	
2,4,5-trimethylaniline	137-17-7	N.D.	N/A	N.D.	5
2,4-diaminoanisole	615-05-4	N.D.	N/A	N.D.	5
2,4-diaminotoluene	95-80-7	N.D.	N/A	N.D.	5
2,4-xylydine	95-68-1	N.D.	N/A	N.D.	5
2,6-xylydine	87-62-7	N.D.	N/A	N.D.	5
2-methoxyaniline	90-04-0	N.D.	N/A	N.D.	5
2-naphthylamine	91-59-8	N.D.	N/A	N.D.	5
3,3'-dichlorobenzidine	91-94-1	N.D.	N/A	N.D.	5
3,3'-dimethoxybenzidine	119-90-4	N.D.	N/A	N.D.	5
3,3'-dimethylbenzidine	119-93-7	N.D.	N/A	N.D.	5
4,4'-diaminodiphenylmethane	101-77-9	N.D.	N/A	N.D.	5
4,4'-methylene-bis-(2-chloro-aniline)	101-14-4	N.D.	N/A	N.D.	5
4,4'-methylenedi-o-toluidine	838-88-0	N.D.	N/A	N.D.	5
4,4'-oxydianiline	101-80-4	N.D.	N/A	N.D.	5
4,4'-thiodianiline	139-65-1	N.D.	N/A	N.D.	5
4-aminoazobenzene	60-09-3	N.D.	N/A	N.D.	5
4-aminobiphenyl	92-67-1	N.D.	N/A	N.D.	5
4-chloro-o-toluidine	95-69-2	N.D.	N/A	N.D.	5
4-chloroaniline	106-47-8	N.D.	N/A	N.D.	5
5-nitro-o-toluidine	99-55-8	N.D.	N/A	N.D.	5
6-methoxy-m-toluidine	120-71-8	N.D.	N/A	N.D.	5
Benzidine	92-87-5	N.D.	N/A	N.D.	5
o-aminoazotoluene	97-56-3	N.D.	N/A	N.D.	5
o-toluidine	95-53-4	N.D.	N/A	N.D.	5

Threshold Limit Value(TLV) = 20 mg/kg

17 Σ Short Chained Chloroparaffines C10 to C13 (SCCP)

Test Item(s)	Test Result (mg/kg)		MDL (mg/kg)	Threshold Limit Value (TLV) (mg/kg)
	001+002+003	004+005+006		
Σ Short Chained Chloroparaffines C10 to C13 (SCCP)	N.D.	N.D.	100	1000

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18 Σ Phthalates

Test Item(s)	Test Result (mg/kg)		MDL (mg/kg)	Threshold Limit Value (TLV) (mg/kg)
	001*+002*+003*	004*+005*+006*		
Dibutylphthalate (DBP)	N.D.	N.D.	50	500
Butylbenzylphthalate (BBP)	N.D.	N.D.	50	
Di(2-ethylhexyl)-phthalate (DEHP)	N.D.	N.D.	50	
Di-n-octylphthalate (DNOP)	N.D.	N.D.	30	
Di-Iso-nonylphthalate (DINP)	N.D.	N.D.	50	
Diisodecylphthalate (DIDP)	N.D.	N.D.	50	
Diisobutylphthalate (DIBP)	N.D.	N.D.	50	
Di-C6-8-branched alkylphthalates(DIHP)	N.D.	N.D.	100	
Di-C711-branched alkylphthalates(DHNUP)	N.D.	N.D.	100	
Di-n-hexylphthalate(DHP)	N.D.	N.D.	50	
Di-(2-methoxymethyl)-phthalate (DMEP)	N.D.	N.D.	50	
Di-n-Pentyl Phthalate (DPP)	N.D.	N.D.	50	

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19 Regulated Polycyclic Aromatic Hydrocarbons (PAHs) of high concern

Test Item(s)	Test Result (mg/kg)			MDL (mg/kg)	Threshold Limit Value (TLV) (mg/kg)
	001	002	003		
Benzo(a)anthracene	N/A	N/A	N.D.	0.2	1
Chrysene	N/A	N/A	N.D.	0.2	1
Benzo(b)fluoranthene	N/A	N/A	N.D.	0.2	1
Benzo(k)fluoranthene	N/A	N/A	N.D.	0.2	1
Benzo(a)pyrene	N/A	N/A	N.D.	0.2	1
Dibenzo(a,h)anthracene	N/A	N/A	N.D.	0.2	1
Benzo (j) fluoranthene	N/A	N/A	N.D.	0.2	1
Benzo (e) pyrene	N/A	N/A	N.D.	0.2	1

Test Item(s)	Test Result (mg/kg)			MDL (mg/kg)	Threshold Limit Value (TLV) (mg/kg)
	004	005	006		
Benzo(a)anthracene	N/A	N/A	N/A	0.2	1
Chrysene	N/A	N/A	N/A	0.2	1
Benzo(b)fluoranthene	N/A	N/A	N/A	0.2	1
Benzo(k)fluoranthene	N/A	N/A	N/A	0.2	1
Benzo(a)pyrene	N/A	N/A	N/A	0.2	1
Dibenzo(a,h)anthracene	N/A	N/A	N/A	0.2	1
Benzo (j) fluoranthene	N/A	N/A	N/A	0.2	1
Benzo (e) pyrene	N/A	N/A	N/A	0.2	1

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20 Σ of Polycyclic Aromatic Hydrocarbons(PAHs)

Test Item(s)	Test Result (mg/kg)			MDL (mg/kg)	Threshold Limit Value (TLV) (mg/kg)
	001	002	003		
Naphthalene	N/A	N/A	N.D.	0.2	10
Acenaphthylene	N/A	N/A	N.D.	0.2	
Acenaphthene	N/A	N/A	N.D.	0.2	
Fluorene	N/A	N/A	N.D.	0.2	
Phenanthrene	N/A	N/A	N.D.	0.2	
Anthracene	N/A	N/A	N.D.	0.2	
Fluoranthene	N/A	N/A	N.D.	0.2	
Pyrene	N/A	N/A	N.D.	0.2	
Benzo[a]anthracene	N/A	N/A	N.D.	0.2	
Chrysene	N/A	N/A	N.D.	0.2	
Benzo[b]fluoranthene	N/A	N/A	N.D.	0.2	
Benzo[k]fluoranthene	N/A	N/A	N.D.	0.2	
Benzo[a]pyrene	N/A	N/A	N.D.	0.2	
Indeno[1,2,3-cd]pyrene	N/A	N/A	N.D.	0.2	
Dibenzo[a,h]anthracene	N/A	N/A	N.D.	0.2	
Benzo[g,h,i]perylene	N/A	N/A	N.D.	0.2	
Benzo[j]fluoranthene	N/A	N/A	N.D.	0.2	
Benzo[e]pyrene	N/A	N/A	N.D.	0.2	

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Test Item(s)	Test Result (mg/kg)			MDL (mg/kg)	Threshold Limit Value (TLV) (mg/kg)
	004	005	006		
Naphthalene	N/A	N/A	N/A	0.2	10
Acenaphthylene	N/A	N/A	N/A	0.2	
Acenaphthene	N/A	N/A	N/A	0.2	
Fluorene	N/A	N/A	N/A	0.2	
Phenanthrene	N/A	N/A	N/A	0.2	
Anthracene	N/A	N/A	N/A	0.2	
Fluoranthene	N/A	N/A	N/A	0.2	
Pyrene	N/A	N/A	N/A	0.2	
Benzo[a]anthracene	N/A	N/A	N/A	0.2	
Chrysene	N/A	N/A	N/A	0.2	
Benzo[b]fluoranthene	N/A	N/A	N/A	0.2	
Benzo[k]fluoranthene	N/A	N/A	N/A	0.2	
Benzo[a]pyrene	N/A	N/A	N/A	0.2	
Indeno[1,2,3-cd]pyrene	N/A	N/A	N/A	0.2	
Dibenzo[a,h]anthracene	N/A	N/A	N/A	0.2	
Benzo[g,h,i]perylene	N/A	N/A	N/A	0.2	
Benzo[j]fluoranthene	N/A	N/A	N/A	0.2	
Benzo[e]pyrene	N/A	N/A	N/A	0.2	

Remark: -MDL = Method Detection Limit

-N.D. = Not Detected (<MDL)

-mg/kg = ppm = parts per million

-N/A = Not Applicable

- * = As specified by the client, the test result(s) was/ were based on the dry weight of the submitted sample(s). The result is to be calculated on a dry weight basis.

Test Report

Report No. SCL01H107706

Page 15 of 15

Report Issued Date : Dec. 21, 2015

Tested Sample/Part Description

- 001 Cool gray ink
- 002 Super white ink
- 003 Black ink
- 004 Purple ink
- 005 Blue ink
- 006 Tan ink

*** End of Report ***

The test report is effective only with both signature and specialized stamp, The result(s) shown in this report refer only to the sample(s) tested. Without written approval of CTI, this report can't be reproduced except in full.

2016 INK COMPLIANCE DOCUMENTS



August 6, 2015

RE: **CPSIA 2008 Conformity Statement**

Dear Valued Customer,

Nazdar Company formulates with quality, safety and the environment in mind. Based on information from our suppliers, testing data and/or formulation analysis, we can issue the following statements regarding the below products:

2700 Series	9700 Series* †	V5000 Series	1302 Series Inkjet
5100 Series	9800 Series*	WC100 Series	2000 Series Inkjet
5500 Series*	ADE Series*	W200 Series	2100 Series Inkjet
59000 Series*	DA Series* ††	W300 Series	213 Series Inkjet
6100 Series	DL Series*	W400 Series	460 Series Inkjet
70000 Series*	ER Series*	W500 Series	515 Series Inkjet
7200 Series	GV Series*	W600 Series	516 Series Inkjet
7900 Series*	IMS Textile Ink	W700 Series	517 Series Inkjet
8400 Series	IMS Silicone	W800 Series	518 Series Inkjet
8500 Series	Textile Ink		564 Series Inkjet
8800 Series*	PA Series	DIGITAL INKS	650 Series Inkjet
8900 Series*	PX Series	133 Series Inkjet	651 Series Inkjet
9500 Series	S2 Series*	155 Series Inkjet	910 Series Inkjet
9600 Series*	VF Series*	1300 Series Inkjet	

**Nazdar discontinued manufacturing colors containing heavy metals in January, 2007, however there may still be colors available in distribution and/or at customer locations.*

†The 9700 Series was reformulated in July, 2008 to remove butyl benzyl phthalate (BBP). Containers containing a lot # of greater than 1807xxxx do not contain BBP.

††The DA Series was reformulated in April, 2010 to remove butyl benzyl phthalate (BBP). Containers containing a lot # of greater than 6006xxxx do not contain BBP.

- The above product(s) are manufactured in compliance with the following 2008 CPSIA (Consumer Product Safety Improvement Act) requirements:
 - 16 CFR, Part 1303, Lead in Paint (<90 ppm lead)
 - CPSIA Section 101, Lead Content in Substrates (<100 ppm lead)
 - CPSIA 2008, Section 108, Phthalates (<1000ppm DEHP, DBP, BBP, DINP, DIDP, DNOP)

Compliance for the above mentioned product(s) is based on raw material supplier information and the Nazdar formula. This information can be used for compliance with the regulation listed above without any formal guarantee as the product(s) are not analyzed on a regular basis. However, based on our experience and knowledge, the purity requirements are fulfilled. Nazdar strongly recommends that each customer and/or end-user independently determine the suitability of Nazdar product(s) under actual conditions of processing and end-use.

For additional Regulatory information, please refer to the Safety Data Sheet (SDS) available at www.nazdar.com or contact the Regulatory Compliance Department via phone (913-422-1888), fax (913-422-2294) or email (regcomp@nazdar.com).

Nazdar
Regulatory Compliance Department

Revision Date: 8/6/2015



August 6, 2015

RE: **CPSIA 2008 Conformity Statement**

Dear Valued Customer,

Nazdar Company formulates with quality, safety and the environment in mind. Based on information from our suppliers, testing data and/or formulation analysis, we can issue the following statements regarding the below products:

N1200 Series	3600 Series	9400 Series	DIGITAL INKS
1400 Series	3800 Series	NFX Series	240 Series Inkjet
1500 Series	3900 Series	NSC Series	260 Series Inkjet
1600 Series	4000 Series	OPV Series	265 Series Inkjet
1800 Series	4100 Series		760 Series Inkjet
1900 Series	4200 Series		7300 Series Inkjet
2300 Series	4300 Series		7400 Series Inkjet
2400 Series	5300 Series		7450 Series Inkjet
2600 Series	6300 Series		7470 Series Inkjet
N3100 Series	6400 Series		
3200 Series	8300 Series		
3400 Series	9200 Series		
3500 Series	9300 Series		

- The above product(s) are manufactured in compliance with the following 2008 CPSIA (Consumer Product Safety Improvement Act) requirements:
 - 16 CFR, Part 1303, Lead in Paint (<90 ppm lead)
 - CPSIA Section 101, Lead Content in Substrates (<100 ppm lead)
 - CPSIA 2008, Section 108, Phthalates (<1000ppm DEHP, DBP, BBP, DINP, DIDP, DNOP)

Compliance for the above mentioned product(s) is based on raw material supplier information and the Nazdar formula. This information can be used for compliance with the regulation listed above without any formal guarantee as the product(s) are not analyzed on a regular basis. However, based on our experience and knowledge, the purity requirements are fulfilled. Nazdar strongly recommends that each customer and/or end-user independently determine the suitability of Nazdar product(s) under actual conditions of processing and end-use.

For additional Regulatory information, please refer to the Safety Data Sheet (SDS) available at www.nazdar.com or contact the Regulatory Compliance Department via phone (913-422-1888), fax (913-422-2294) or email (regcomp@nazdar.com).

Nazdar
Regulatory Compliance Department

Revision Date: 8/6/2015



August 6, 2015

RE: **CPSIA 2008 Conformity Statement**

Dear Valued Customer,

Nazdar Company formulates with quality, safety and the environment in mind. Based on information from our suppliers, testing data and/or formulation analysis, we can issue the following statements regarding the below products:

2537	CARE67	DCA08	IMS503	RE190	SIPI440	SIPM529
2555	CARE68	DCA51	IMS598	RE191	SIPI452	SIPM530
5500	CARE69	DCA52	IMS601	RE192	SIPI453	SIPM533
5550	CARE70	IL180	IMS602	RE193	SIPI466	SIPM571
5560	CARE71	IMS102	IMS603	RE194	SIPI471	SIPM573
70180	CARE72	IMS103	IMS611	RE195	SIPI479	SIPM598
70182	CARE73	IMS104	IMS615	RE196	SIPI518	SIPM606
7730	CARE74	IMS201	IMS616	RE198	SIPI519	SIPM610
9050	CARE75	IMS202	IMS630	RE199	SIPI520	SIPO510
9630	CARE76	IMS203	IMS631	RE212	SIPI530	SIPO511
9631	CARE77	IMS206	IMS632	RE301	SIPI532	SIPO541
9637	CARE78	IMS207C	NB72	RE302	SIPI533	SIPP105
9731	CARE79	IMS209C	NB80	RE303	SIPI534	SIPR622
ADE677	CARE8	IMS231	NDS082	RE304	SIPI536	SIPR623
CARE11	CARE81	IMS240	NDS083	RE305	SIPI543	SIPU711
CARE22	CARE82	IMS291	NDS084	RE306	SIPI544	SIPY915
CARE4	CARE83	IMS301	NS90	RE307	SIPI545	SIPY952
CARE50	CARE84	IMS304C	NSIPI413	RE308	SIPI546	SIPY981
CARE52	CARE85	IMS305	NSIPI436	RE309	SIPI547	SW37
CARE53	CARE86	IMS330	NSIPM557	RE310	SIPI548	V5070
CARE54	CARE87	IMS401	PA7	RE312	SIPI549	V5071
CARE55	CARE89	IMS402	PA8	RE315	SIPI550	V5072
CARE56	CARE90	IMS404	PX30	RE317	SIPI558	VF180
CARE57	CARE91	IMS408	RE180	S230	SIPI563	VF182
CARE58	CARE93	IMS414	RE181	S231	SIPM502	VF190
CARE59	CARE94	IMS421	RE182	SIPG305	SIPM504	VF192
CARE60	CARE95	IMS424	RE183	SIPI413	SIPM514	
CARE61	CARE96	IMS427	RE185	SIPI414	SIPM520	
CARE62	CARE106	IMS429G	RE186	SIPI417	SIPM523	
CARE63	DA176	IMS444	RE187	SIPI419	SIPM525	
CARE64	DCA04	IMS501	RE188	SIPI420	SIPM527	
CARE65	DCA06	IMS502	RE189	SIPI423	SIPM528	

- The above product(s) are manufactured in compliance with the following 2008 CPSIA (Consumer Product Safety Improvement Act) requirements:
 - 16 CFR, Part 1303, Lead in Paint (<90 ppm lead)
 - CPSIA Section 101, Lead Content in Substrates (<100 ppm lead)
 - CPSIA 2008, Section 108, Phthalates (<1000ppm DEHP, DBP, BBP, DINP, DIDP, DNOP)

Compliance for the above mentioned product(s) is based on raw material supplier information and the Nazdar formula. This information can be used for compliance with the regulation listed above without any formal guarantee as the product(s) are not analyzed on a regular basis. However, based on our experience and knowledge, the purity requirements are fulfilled. Nazdar strongly recommends that each customer and/or end-user independently determine the suitability of Nazdar product(s) under actual conditions of processing and end-use.

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Nazdar
Regulatory Compliance Department

Revision Date: 8/6/2015

TEST REPORT

Company: Quality Certification Alliance
Recipient: D. Fenton
Recipient Email: dfenton@qcalliance.org
cc to Email: -

Test Report # 13H-03209
Date of Issue: October 31, 2013
Pages: Page 1 of 22
Date Received: October 21, 2013

SAMPLE INFORMATION:

Description:	BA Series Ink	Purchase Order Number:	-
Assortment/Colors:	See Table on pg.3	Country of Distribution:	United States
Style/Batch No.:	See Table on pg.3	Country of Origin:	United States
Supplier:	Inkcups Now	Labeled Age Grade:	-
Quantity Submitted:	2 fluid oz./sample	Recommended Age Grade:	-
Date Received:	10/21/2013	Tested Age Grade:	-
Testing Period:	10/21/2013 – 10/31/2013		

Refer to page 2 for Testing Summary Table and appropriate notes.

ANSECO GROUP (HK) LIMITED



Vincent Chow Wai Kit
Manager, Chemical Laboratory

The test result(s) and conclusion(s) in this report relate to the sample(s) tested as described herein.

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Test is not covered under ACLASS (Certificate # AT-1500) accredited listed scope.

ACCLASS is recognized by ILAC, APLAC and IAAC as a signatory of multilateral recognition arrangements that facilitate acceptance of test internationally.

TEST REPORT

Company: Quality Certification Alliance
 Recipient: D. Fenton
 Recipient Email: dfenton@qcalliance.org
 cc to Email: -

Test Report # 13H-03209
 Date of Issue: October 31, 2013
 Pages: Page 2 of 22
 Date Received: October 21, 2013

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

CONCLUSION	TEST(S) CONDUCTED
PASS	CPSIA Section 101 & 16 CFR 1303, Total Lead in Paints & Surface Coatings
PASS	The Illinois Lead Poisoning Prevention Act (LPPA) (410 ILCS 45/6), Total Lead 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	Maryland Chapter 578 (House Bill 145), Total Cadmium in Children's Jewelry
PASS	CPSIA Section 106 & ASTM F963-11 Clause 4.3.5, Total Elements Screening in Paint and Similar Surface Coatings
PASS	CPSIA Section 106 & ASTM F963-11 Clause 4.3.5, Soluble Elements in Paints and Similar Surface Coatings
Refer to Detailed Results*	CPSIA Section 108, Phthalates – Mouthable (DBP, BBP, DEHP, DnOP, DINP, DIDP)
PASS	California Proposition 65, Phthalates (DEHP, DBP, BBP, DIDP, DnHP)
PASS	ASTM F2923-11 Clause 8, Total Elements Screening in Paint and Surface Coatings
PASS	ASTM F2923-11 Clause 8, Soluble Elements in Paint and Surface Coatings

* Specimen (s) # 22 Does Not Meet the requirements of CPSIA Section 108, Phthalates – Mouthable (DBP, BBP, DEHP, DnOP, DINP, DIDP) Please see page 3 for detailed specimen description and page 14 for test results on individual specimens.

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Company: Quality Certification Alliance
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 cc to Email: -

Test Report # 13H-03209
 Date of Issue: October 31, 2013
 Pages: Page 3 of 22
 Date Received: October 21, 2013

DETAILED SAMPLE DESCRIPTION:

Specimen No.	Specimen Description	Location
1	Lemon Yellow ink w/M-Thinner (BA Series:110)	Raw Material
2	Medium Yellow ink w/M-Thinner (BA Series:111)	Raw Material
3	Dark Yellow ink w/M-Thinner (BA Series:112)	Raw Material
4	Ocre Yellow ink w/M-Thinner (BA Series:117)	Raw Material
5	Signal Red ink w/M-Thinner (BA Series:121)	Raw Material
6	Carmine Red ink w/M-Thinner (BA Series:122)	Raw Material
7	Dark Pink ink w/M-Thinner (BA Series:124)	Raw Material
8	Light Blue ink w/M-Thinner (BA Series:130)	Raw Material
9	Ultra Blue ink w/M-Thinner (BA Series:132)	Raw Material
10	Dark Blue ink w/M-Thinner (BA Series:133)	Raw Material
11	Turquoise ink w/M-Thinner (BA Series:134)	Raw Material
12	Violet ink w/M-Thinner (BA Series:136)	Raw Material
13	Bright Green ink w/M-Thinner (BA Series:140)	Raw Material
14	Emerald Green ink w/M-Thinner (BA Series:142)	Raw Material
15	Light Brown ink w/M-Thinner (BA Series:150)	Raw Material
16	Dark Brown ink w/M-Thinner (BA Series:151)	Raw Material
17	White ink w/M-Thinner (BA Series:160)	Raw Material
18	Black ink w/M-Thinner (BA Series:165)	Raw Material
19	RE Pale Gold ink w/M-Thinner (BA Series:75)	Raw Material
20	RE Rich Pale Gold ink w/M-Thinner (BA Series:76)	Raw Material
21*	RE Rich Gold ink w/M-Thinner (BA Series:77)	Raw Material
22*	RE Bronze ink w/M-Thinner (BA Series:78)	Raw Material

Note:

*= Specimens where initial phthalate result was deemed high during composite testing.

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Company: Quality Certification Alliance
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Test Report # 13H-03209
 Date of Issue: October 31, 2013
 Pages: Page 4 of 22
 Date Received: October 21, 2013

DETAILED RESULTS:

CPSIA Section 101 & 16 CFR 1303, Total Lead in Paints & Surface Coatings

Analysis performed by Inductively Coupled Plasma Optical Emission Spectrometry to determine compliance with the above referenced regulations. [Referenced Test Method: CPSC-CH-E-1003-09.1]

Specimen No.	1+2+3	4+5+6	7+8+9	10+11+12	13+14+15	Limit Total (mg/kg)
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Total Pb	LT 10	LT 10	LT 10	LT 10	LT 10	90
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	16+17+18	19+20	21+22	---	---	Limit Total (mg/kg)
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Total Pb	LT 10	LT 10	LT 10	---	---	90
Conclusion	PASS	PASS	PASS	---	---	

Note:

Pb = Lead

mg/kg = Milligram per kilogram

LT = Less Than

The test result(s) and conclusion(s) in this report relate to the sample(s) tested as described herein.

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TEST REPORT

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Test Report # 13H-03209
 Date of Issue: October 31, 2013
 Pages: Page 5 of 22
 Date Received: October 21, 2013

DETAILED RESULTS:

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

Analysis performed by Inductively Coupled Plasma Optical Emission Spectrometry to determine compliance with the above referenced regulation. [Referenced Test Method: CPSC-CH-E1003-09.1]

Specimen No.	1+2+3	4+5+6	7+8+9	10+11+12	13+14+15	Limit
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Total (mg/kg)
Total Pb	LT 10	LT 10	LT 10	LT 10	LT 10	40
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	16+17+18	19+20	21+22	---	---	Limit
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Total (mg/kg)
Total Pb	LT 10	LT 10	LT 10	---	---	40
Conclusion	PASS	PASS	PASS	---	---	

Note:

Pb = Lead
 mg/kg = Milligrams per kilogram
 LT = Less than

Remark:

A warning statement that indicates that at least one component part of the item contains lead is required for a total lead content in any component part of the item that is more than 40mg/kg but less than a standard for lead content as may be established by federal or State law or regulation.

The test result(s) and conclusion(s) in this report relate to the sample(s) tested as described herein.

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TEST REPORT

Company: Quality Certification Alliance
 Recipient: D. Fenton
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 cc to Email: -

Test Report # 13H-03209
 Date of Issue: October 31, 2013
 Pages: Page 6 of 22
 Date Received: October 21, 2013

DETAILED RESULTS:

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

Analysis performed by Inductively Coupled Plasma Spectroscopy to determine compliance with the above referenced regulation. [Referenced Test Method: ASTM F963-11 Clause 8.3.1]

Specimen No.	1+2+3	4+5+6	7+8+9	10+11+12	13+14+15	Limit
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Total (mg/kg)
Total Cd	LT 10	LT 10	LT 10	LT 10	LT 10	75
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	16+17+18	19+20	21+22	---	---	Limit
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Total (mg/kg)
Total Cd	LT 10	LT 10	LT 10	---	---	75
Conclusion	PASS	PASS	PASS	---	---	

Note:

Cd = Cadmium
 mg/kg = Milligram per kilogram
 LT = Less Than

Quality Certification Alliance

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TEST REPORT

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Test Report # 13H-03209
 Date of Issue: October 31, 2013
 Pages: Page 7 of 22
 Date Received: October 21, 2013

DETAILED RESULTS:

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

Analysis performed by Inductively Coupled Plasma Spectroscopy to determine compliance with the above referenced regulation. [Referenced Test Method: ASTM F963-11 Clause 8.3.1]

Specimen No.	1+2+3	4+5+6	7+8+9	10+11+12	13+14+15	Limit
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Total (mg/kg)
Total Cd	LT 10	LT 10	LT 10	LT 10	LT 10	75
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	16+17+18	19+20	21+22	---	---	Limit
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Total (mg/kg)
Total Cd	LT 10	LT 10	LT 10	---	---	75
Conclusion	PASS	PASS	PASS	---	---	

Note:

Cd = Cadmium
 mg/kg = Milligram per kilogram
 LT = Less Than

The test result(s) and conclusion(s) in this report relate to the sample(s) tested as described herein.

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TEST REPORT

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Test Report # 13H-03209
 Date of Issue: October 31, 2013
 Pages: Page 8 of 22
 Date Received: October 21, 2013

DETAILED RESULTS:

CPSIA Section 106 & ASTM F963-11 Clause 4.3.5, Total Elements Screening in Paint and Similar Surface Coatings

Analysis performed by Inductively Coupled Plasma Optical Emission Spectrometry to determine compliance with the above referenced regulation and standard. [Referenced Test Method: ASTM F963-11 Clause 8.3.1]

Specimen No.	1+2+3	4+5+6	7+8+9	10+11+12	13+14+15	Limit Soluble (mg/kg)
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Total Sb	LT 10	LT 10	LT 10	LT 10	LT 10	60
Total As	LT 10	LT 10	LT 10	LT 10	LT 10	25
Total Ba	LT 10	2400*	22	24	2200*	1000
Total Cd	LT 10	LT 10	LT 10	LT 10	LT 10	75
Total Cr	LT 10	LT 10	LT 10	LT 10	LT 10	60
Total Pb	LT 10	LT 10	LT 10	LT 10	LT 10	90
Total Hg	LT 10	LT 10	LT 10	LT 10	LT 10	60
Total Se	LT 25	LT 25	LT 25	LT 25	LT 25	500
Conclusion	PASS	Refer to Soluble Result	PASS	PASS	Refer to Soluble Result	

Note:

Sb = Antimony; As = Arsenic; Ba = Barium; Cd = Cadmium;
 Cr = Chromium; Pb = Lead; Hg = Mercury; Se = Selenium
 mg/kg = Milligram per kilogram
 LT = Less Than

Remark:

*The total heavy metals screening results exceeded the soluble heavy metal limits, therefore a separate soluble analysis was conducted.

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TEST REPORT

Company: Quality Certification Alliance
 Recipient: D. Fenton
 Recipient Email: dfenton@qcalliance.org
 cc to Email: -

Test Report # 13H-03209
 Date of Issue: October 31, 2013
 Pages: Page 9 of 22
 Date Received: October 21, 2013

DETAILED RESULTS:

CPSIA Section 106 & ASTM F963-11 Clause 4.3.5, Total Elements Screening in Paint and Similar Surface Coatings

Analysis performed by Inductively Coupled Plasma Optical Emission Spectrometry to determine compliance with the above referenced regulation and standard. [Referenced Test Method: ASTM F963-11 Clause 8.3.1]

Specimen No.	16+17+18	19+20	21+22	---	---	Limit Soluble (mg/kg)
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Total Sb	LT 10	LT 10	LT 10	---	---	60
Total As	LT 10	LT 10	LT 10	---	---	25
Total Ba	12	40	LT 10	---	---	1000
Total Cd	LT 10	LT 10	LT 10	---	---	75
Total Cr	LT 10	LT 10	LT 10	---	---	60
Total Pb	LT 10	LT 10	LT 10	---	---	90
Total Hg	LT 10	LT 10	LT 10	---	---	60
Total Se	LT 25	LT 25	LT 25	---	---	500
Conclusion	PASS	PASS	PASS	---	---	

Note:

Sb = Antimony; As = Arsenic; Ba = Barium; Cd = Cadmium;
 Cr = Chromium; Pb = Lead; Hg = Mercury; Se = Selenium
 mg/kg = Milligram per kilogram
 LT = Less Than

Remark:

The total heavy metals screening results do not exceed the soluble heavy metal limits, therefore, further soluble analyses were not conducted.

The test result(s) and conclusion(s) in this report relate to the sample(s) tested as described herein.

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TEST REPORT

Company: Quality Certification Alliance
 Recipient: D. Fenton
 Recipient Email: dfenton@qcalliance.org
 cc to Email: -

Test Report # 13H-03209
 Date of Issue: October 31, 2013
 Pages: Page 10 of 22
 Date Received: October 21, 2013

DETAILED RESULTS:

CPSIA Section 106 & ASTM F963-11 Clause 4.3.5, Soluble Elements in Paints and Similar Surface Coatings

Analysis performed by Inductively Coupled Plasma Optical Emission Spectrometry to determine compliance with the above referenced regulation and standard. [Referenced Test Method: ASTM F963-11 Clause 8.3.2]

Specimen No.	4	5	6	13	14	Limit
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Soluble (mg/kg)
Soluble Sb	LT 2	LT 2	LT 2	LT 2	LT 2	60
Soluble As	LT 2	LT 2	LT 2	LT 2	LT 2	25
Soluble Ba	7	LT 2	LT 2	LT 2	LT 2	1000
Soluble Cd	LT 2	LT 2	LT 2	LT 2	LT 2	75
Soluble Cr	LT 2	LT 2	LT 2	LT 2	LT 2	60
Soluble Pb	LT 2	LT 2	LT 2	LT 2	LT 2	90
Soluble Hg	LT 2	LT 2	LT 2	LT 2	LT 2	60
Soluble Se	LT 2	LT 2	LT 2	LT 2	LT 2	500
Conclusion	PASS	PASS	PASS	PASS	PASS	

Note:

Sb = Antimony; As = Arsenic; Ba = Barium; Cd = Cadmium;
 Cr = Chromium; Pb = Lead; Hg = Mercury; Se = Selenium
 mg/kg = Milligram per kilogram
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Test Report # 13H-03209
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 Pages: Page 11 of 22
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DETAILED RESULTS:

CPSIA Section 106 & ASTM F963-11 Clause 4.3.5, Soluble Elements in Paints and Similar Surface Coatings

Analysis performed by Inductively Coupled Plasma Optical Emission Spectrometry to determine compliance with the above referenced regulation and standard. [Referenced Test Method: ASTM F963-11 Clause 8.3.2]

Specimen No.	15	---	---	---	---	Limit
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Soluble (mg/kg)
Soluble Sb	LT 2	---	---	---	---	60
Soluble As	LT 2	---	---	---	---	25
Soluble Ba	3	---	---	---	---	1000
Soluble Cd	LT 2	---	---	---	---	75
Soluble Cr	LT 2	---	---	---	---	60
Soluble Pb	LT 2	---	---	---	---	90
Soluble Hg	LT 2	---	---	---	---	60
Soluble Se	LT 2	---	---	---	---	500
Conclusion	PASS	---	---	---	---	

Note:

Sb = Antimony; As = Arsenic; Ba = Barium; Cd = Cadmium;
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Test Report # 13H-03209
 Date of Issue: October 31, 2013
 Pages: Page 12 of 22
 Date Received: October 21, 2013

DETAILED RESULTS:

CPSIA Section 108, Phthalates – Mouthable (DBP, BBP, DEHP, DnOP, DINP, DIDP)

Analysis performed by Gas Chromatography/Mass Spectrometry to determine compliance with the above referenced regulation. [Referenced Test Method: CPSC-CH-C1001-09.3]

Specimen No.	1+2+3	4+5+6	7+8+9	10+11+12	13+14+15	Limit (% w/w)
Test Item	Result (% w/w)	Result (% w/w)	Result (% w/w)	Result (% w/w)	Result (% w/w)	
DBP	LT 0.012	LT 0.012	LT 0.012	LT 0.012	LT 0.012	0.1
BBP	LT 0.012	LT 0.012	LT 0.012	LT 0.012	LT 0.012	0.1
DEHP	LT 0.012	LT 0.012	LT 0.012	LT 0.012	LT 0.012	0.1
DnOP	LT 0.012	LT 0.012	LT 0.012	LT 0.012	LT 0.012	0.1
DINP	0.015	0.040	0.014	LT 0.012	0.037	0.1
DIDP	LT 0.012	LT 0.012	LT 0.012	LT 0.012	LT 0.012	0.1
Conclusion	PASS	PASS	PASS	PASS	PASS	

Note:

DBP = Dibutyl phthalate; BBP = Benzyl butyl phthalate; DEHP = Di-(2-ethylhexyl) phthalate
 DnOP = Di-n-octyl phthalate; DINP = Diisononyl phthalate; DIDP = Diisodecyl phthalate
 % w/w = Percentage by weight
 LT = Less Than

Quality Certification Alliance

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Test Report # 13H-03209
 Date of Issue: October 31, 2013
 Pages: Page 13 of 22
 Date Received: October 21, 2013

DETAILED RESULTS:

CPSIA Section 108, Phthalates – Mouthable (DBP, BBP, DEHP, DnOP, DINP, DIDP)

Analysis performed by Gas Chromatography/Mass Spectrometry to determine compliance with the above referenced regulation. [Referenced Test Method: CPSC-CH-C1001-09.3]

Specimen No.	16+17+18	19+20	21+22	---	---	Limit (% w/w)
Test Item	Result (% w/w)	Result (% w/w)	Result (% w/w)	Result (% w/w)	Result (% w/w)	
DBP	LT 0.012	LT 0.012	LT 0.012	---	---	0.1
BBP	LT 0.012	LT 0.012	LT 0.012	---	---	0.1
DEHP	LT 0.012	LT 0.012	LT 0.012	---	---	0.1
DnOP	LT 0.012	LT 0.012	LT 0.012	---	---	0.1
DINP	0.022	LT 0.012	0.13	---	---	0.1
DIDP	LT 0.012	LT 0.012	0.040	---	---	0.1
Conclusion	PASS	PASS	FAIL*	---	---	

Note:

DBP = Dibutyl phthalate; BBP = Benzyl butyl phthalate; DEHP = Di-(2-ethylhexyl) phthalate
 DnOP = Di-n-octyl phthalate; DINP = Diisononyl phthalate; DIDP = Diisodecyl phthalate
 % w/w = Percentage by weight
 LT = Less Than

**Remark:*

At the request of the client, the inks were re-tested individually for 21 and 22 result which failed or was deemed "high" during composite testing. Refer to Page 14 for test results on individual specimens.

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Test Report # 13H-03209
 Date of Issue: October 31, 2013
 Pages: Page 14 of 22
 Date Received: October 21, 2013

DETAILED RESULTS:

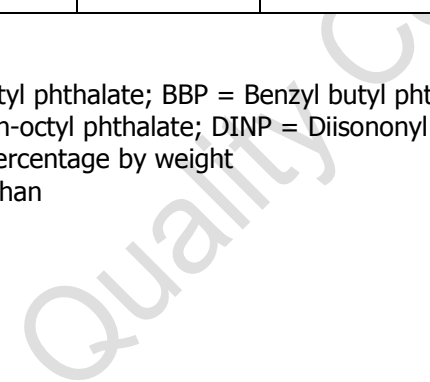
CPSIA Section 108, Phthalates – Mouthable (DBP, BBP, DEHP, DnOP, DINP, DIDP)

Analysis performed by Gas Chromatography/Mass Spectrometry to determine compliance with the above referenced regulation. [Referenced Test Method: CPSC-CH-C1001-09.3]

Specimen No.	21	22	---	---	---	Limit (% w/w)
Test Item	Result (% w/w)	Result (% w/w)	Result (% w/w)	Result (% w/w)	Result (% w/w)	
DBP	LT 0.010	LT 0.010	---	---	---	0.1
BBP	LT 0.010	LT 0.010	---	---	---	0.1
DEHP	LT 0.010	LT 0.010	---	---	---	0.1
DnOP	LT 0.010	LT 0.010	---	---	---	0.1
DINP	LT 0.010	0.12	---	---	---	0.1
DIDP	LT 0.010	0.037	---	---	---	0.1
Conclusion	PASS	FAIL	---	---	---	

Note:

DBP = Dibutyl phthalate; BBP = Benzyl butyl phthalate; DEHP = Di-(2-ethylhexyl) phthalate
 DnOP = Di-n-octyl phthalate; DINP = Diisononyl phthalate; DIDP = Diisodecyl phthalate
 % w/w = Percentage by weight
 LT = Less Than



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Test Report # 13H-03209
 Date of Issue: October 31, 2013
 Pages: Page 15 of 22
 Date Received: October 21, 2013

DETAILED RESULTS:

California Proposition 65, Phthalates (DEHP, DBP, BBP, DIDP, DnHP)

Analysis performed by Gas Chromatography/Mass Spectrometry to determine compliance with the above referenced regulation. [Referenced Test Method: CPSC-CH-C1001-09.3]

Specimen No.	1+2+3	4+5+6	7+8+9	10+11+12	13+14+15	Limit (% w/w)
Test Item	Result (% w/w)	Result (% w/w)	Result (% w/w)	Result (% w/w)	Result (% w/w)	
DBP	LT 0.012	LT 0.012	LT 0.012	LT 0.012	LT 0.012	0.1
BBP	LT 0.012	LT 0.012	LT 0.012	LT 0.012	LT 0.012	0.1
DEHP	LT 0.012	LT 0.012	LT 0.012	LT 0.012	LT 0.012	0.1
DIDP	LT 0.012	LT 0.012	LT 0.012	LT 0.012	LT 0.012	0.1
DnHP	LT 0.012	LT 0.012	LT 0.012	LT 0.012	LT 0.012	0.1
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	16+17+18	19+20	21+22	---	---	Limit (% w/w)
Test Item	Result (% w/w)	Result (% w/w)	Result (% w/w)	Result (% w/w)	Result (% w/w)	
DBP	LT 0.012	LT 0.012	LT 0.010	---	---	0.1
BBP	LT 0.012	LT 0.012	LT 0.010	---	---	0.1
DEHP	LT 0.012	LT 0.012	LT 0.010	---	---	0.1
DIDP	LT 0.012	LT 0.012	0.040	---	---	0.1
DnHP	LT 0.012	LT 0.012	LT 0.010	---	---	0.1
Conclusion	PASS	PASS	PASS	---	---	

Note:

DBP = Dibutyl phthalate; BBP = Benzyl butyl phthalate; DEHP = Di-(2-ethylhexyl) phthalate
 DIDP = Diisodecyl phthalate; DnHP = Di-n-hexyl phthalate
 %w/w = Percentage by weight
 LT = Less Than

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Test Report # 13H-03209
 Date of Issue: October 31, 2013
 Pages: Page 16 of 22
 Date Received: October 21, 2013

DETAILED RESULTS:

ASTM F2923-11 Clause 8, Total Elements Screening in Paint and Surface Coatings

Analysis performed by Inductively Coupled Plasma Optical Emission Spectrometry to determine compliance with the above referenced standard. [Referenced Test Method: ASTM F963-11 Clause 8.3.1]

Specimen No.	1+2+3	4+5+6	7+8+9	10+11+12	13+14+15	Limit Total (mg/kg)
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Total Sb	LT 10	LT 10	LT 10	LT 10	LT 10	60
Total As	LT 10	LT 10	LT 10	LT 10	LT 10	25
Total Ba	LT 10	2400*	22	24	2200*	1000
Total Cd	LT 10	LT 10	LT 10	LT 10	LT 10	75
Total Cr	LT 10	LT 10	LT 10	LT 10	LT 10	60
Total Hg	LT 10	LT 10	LT 10	LT 10	LT 10	60
Total Se	LT 25	LT 25	LT 25	LT 25	LT 25	500
Conclusion	PASS	Refer to Soluble Result	PASS	PASS	Refer to Soluble Result	

Note:

Sb = Antimony; As = Arsenic; Ba = Barium; Cd = Cadmium;
 Cr = Chromium; Hg = Mercury; Se = Selenium
 mg/kg = Milligrams per kilogram
 LT = Less than

Remark:

*The total heavy metals screening results exceeded the soluble heavy metal limits, therefore a separate soluble analysis was conducted.

The test result(s) and conclusion(s) in this report relate to the sample(s) tested as described herein.

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Test Report # 13H-03209
 Date of Issue: October 31, 2013
 Pages: Page 17 of 22
 Date Received: October 21, 2013

DETAILED RESULTS:

ASTM F2923-11 Clause 8, Total Elements Screening in Paint and Surface Coatings

Analysis performed by Inductively Coupled Plasma Optical Emission Spectrometry to determine compliance with the above referenced standard. [Referenced Test Method: ASTM F963-11 Clause 8.3.1]

Specimen No.	16+17+18	19+20	21+22	---	---	Limit
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Total (mg/kg)
Total Sb	LT 10	LT 10	LT 10	---	---	60
Total As	LT 10	LT 10	LT 10	---	---	25
Total Ba	12	40	LT 10	---	---	1000
Total Cd	LT 10	LT 10	LT 10	---	---	75
Total Cr	LT 10	LT 10	LT 10	---	---	60
Total Hg	LT 10	LT 10	LT 10	---	---	60
Total Se	LT 25	LT 25	LT 25	---	---	500
Conclusion	PASS	PASS	PASS	---	---	

Note:

Sb = Antimony; As = Arsenic; Ba = Barium; Cd = Cadmium;
 Cr = Chromium; Hg = Mercury; Se = Selenium
 mg/kg = Milligrams per kilogram
 LT = Less than

Remark:

The total heavy metals screening results do not exceed the soluble heavy metal limits, therefore, further soluble analyses were not conducted.

The test result(s) and conclusion(s) in this report relate to the sample(s) tested as described herein.

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Test Report # 13H-03209
 Date of Issue: October 31, 2013
 Pages: Page 18 of 22
 Date Received: October 21, 2013

DETAILED RESULTS:

ASTM F2923-11 Clause 8, Soluble Elements in Paint and Surface Coatings

Analysis performed by Inductively Coupled Plasma Optical Emission Spectrometry to determine compliance with the above referenced standard. [Referenced Test Method: ASTM F963-11 Clause 8.3.2]

Specimen No.	4	5	6	13	14	Limit
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Soluble (mg/kg)
Soluble Sb	LT 2	LT 2	LT 2	LT 2	LT 2	60
Soluble As	LT 2	LT 2	LT 2	LT 2	LT 2	25
Soluble Ba	7	LT 2	LT 2	LT 2	LT 2	1000
Soluble Cd	LT 2	LT 2	LT 2	LT 2	LT 2	75
Soluble Cr	LT 2	LT 2	LT 2	LT 2	LT 2	60
Soluble Hg	LT 2	LT 2	LT 2	LT 2	LT 2	60
Soluble Se	LT 2	LT 2	LT 2	LT 2	LT 2	500
Conclusion	PASS	PASS	PASS	PASS	PASS	

Note:

Sb = Antimony; As = Arsenic; Ba = Barium; Cd = Cadmium;
 Cr = Chromium; Hg = Mercury; Se = Selenium
 mg/kg = Milligrams per kilogram
 LT = Less than

Quality Assurance

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Test Report # 13H-03209
 Date of Issue: October 31, 2013
 Pages: Page 19 of 22
 Date Received: October 21, 2013

DETAILED RESULTS:

ASTM F2923-11 Clause 8, Soluble Elements in Paint and Surface Coatings

Analysis performed by Inductively Coupled Plasma Optical Emission Spectrometry to determine compliance with the above referenced standard. [Referenced Test Method: ASTM F963-11 Clause 8.3.2]

Specimen No.	15	---	---	---	---	Limit
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Soluble (mg/kg)
Soluble Sb	LT 2	---	---	---	---	60
Soluble As	LT 2	---	---	---	---	25
Soluble Ba	3	---	---	---	---	1000
Soluble Cd	LT 2	---	---	---	---	75
Soluble Cr	LT 2	---	---	---	---	60
Soluble Hg	LT 2	---	---	---	---	60
Soluble Se	LT 2	---	---	---	---	500
Conclusion	PASS	---	---	---	---	

Note:

Sb = Antimony; As = Arsenic; Ba = Barium; Cd = Cadmium;
 Cr = Chromium; Hg = Mercury; Se = Selenium
 mg/kg = Milligrams per kilogram
 LT = Less than

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Test Report # 13H-03209
Date of Issue: October 31, 2013
Pages: Page 20 of 22
Date Received: October 21, 2013

PHOTO OF FAIL COMPOSITE INK(S):



No. of Photo: 1

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Test Report # 13H-03209
Date of Issue: October 31, 2013
Pages: Page 21 of 22
Date Received: October 21, 2013

PHOTO OF FAIL INDIVIDUAL INK(S):



No. of Photo: 2

Quality

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Test Report # 13H-03209
Date of Issue: October 31, 2013
Pages: Page 22 of 22
Date Received: October 21, 2013

SAMPLE PHOTO:



-End Report-

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TEST REPORT

Company: Quality Certification Alliance
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cc to Email: -

Test Report # 13H-03140
Date of Issue: October 28, 2013
Pages: Page 1 of 18
Date Received: October 16, 2013

SAMPLE INFORMATION:

Description:	CG series Ink	Purchase Order Number:	-
Assortment/Colors:	See Table on pg.3 & 4	Country of Distribution:	United States
Style/Batch No.:	See Table on pg.3 & 4	Country of Origin:	United States
Supplier:	Inkcups Now	Labeled Age Grade:	-
Quantity Submitted:	2 fluid oz./sample	Recommended Age Grade:	-
Date Received:	10/16/2013	Tested Age Grade:	-
Testing Period:	10/16/2013 – 10/28/2013		

OVERALL RESULT:

PASS

ANSECO GROUP (HK) LIMITED



Vincent Chow Wai Kit
Manager, Chemical Laboratory

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Test Report # 13H-03140
 Date of Issue: October 28, 2013
 Pages: Page 2 of 18
 Date Received: October 16, 2013

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	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	Maryland Chapter 578 (House Bill 145), Total Cadmium in Children's Jewelry
PASS	CPSIA Section 106 & ASTM F963-11 Clause 4.3.5, Total Elements Screening in Paint and Similar Surface Coatings
PASS	CPSIA Section 106 & ASTM F963-11 Clause 4.3.5, Soluble Elements in Paints and Similar Surface Coatings
PASS	CPSIA Section 108, Phthalates Content – Mouthable (DBP, BBP, DEHP, DnOP, DINP, DIDP)
PASS	California Proposition 65, Phthalates Content (DEHP, DBP, BBP, DIDP, DnHP)
PASS	ASTM F2923-11 Clause 8, Total Elements Screening in Paint and Surface Coatings
PASS	ASTM F2923-11 Clause 8, Soluble Elements in Paint and Surface Coatings

Quality Certification Alliance

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Test Report # 13H-03140
 Date of Issue: October 28, 2013
 Pages: Page 3 of 18
 Date Received: October 16, 2013

SPECIMEN DESCRIPTION:

Specimen No.	Specimen Description	Location
1	Lemon Yellow ink w/M-Thinner & 1000-HGL Hardener (CG Series:110)	Raw Material
2	Medium Yellow ink w/M-Thinner & 1000-HGL Hardener (CG Series:111)	Raw Material
3	Orange ink w/M-Thinner & 1000-HGL Hardener (CG Series:115)	Raw Material
4	Ocre Yellow ink w/M-Thinner & 1000-HGL Hardener (CG Series:117)	Raw Material
5	Bright Red ink w/M-Thinner & 1000-HGL Hardener (CG Series:120)	Raw Material
6	Signal Red ink w/M-Thinner & 1000-HGL Hardener (CG Series:121)	Raw Material
7	Carmine Red ink w/M-Thinner & 1000-HGL Hardener (CG Series:122)	Raw Material
8	Dark Pink ink w/M-Thinner & 1000-HGL Hardener (CG Series:124)	Raw Material
9	Light Blue ink w/M-Thinner & 1000-HGL Hardener (CG Series:130)	Raw Material
10	Medium Blue ink w/M-Thinner & 1000-HGL Hardener (CG Series:131)	Raw Material
11	Ultra Blue ink w/M-Thinner & 1000-HGL Hardener (CG Series:132)	Raw Material
12	Dark Blue ink w/M-Thinner & 1000-HGL Hardener (CG Series:133)	Raw Material
13	Blue Violet ink w/M-Thinner & 1000-HGL Hardener (CG Series:136)	Raw Material
14	Reflex Blue ink w/M-Thinner & 1000-HGL Hardener (CG Series:139)	Raw Material
15	Bright Green ink w/M-Thinner & 1000-HGL Hardener (CG Series:140)	Raw Material
16	Dark Green ink w/M-Thinner & 1000-HGL Hardener (CG Series:141)	Raw Material
17	Light Brown ink w/M-Thinner & 1000-HGL Hardener (CG Series:150)	Raw Material
18	Dark Brown ink w/M-Thinner & 1000-HGL Hardener (CG Series:151)	Raw Material
19	White ink w/M-Thinner & 1000-HGL Hardener (CG Series:160)	Raw Material

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TEST REPORT

Company: Quality Certification Alliance
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 cc to Email: -

Test Report # 13H-03140
 Date of Issue: October 28, 2013
 Pages: Page 4 of 18
 Date Received: October 16, 2013

SPECIMEN DESCRIPTION:

Specimen No.	Specimen Description	Location
20	Black ink w/M-Thinner & 1000-HGL Hardener (CG Series:165)	Raw Material
21	RE Pale Gold ink w/M-Thinner & 1000-HGL Hardener (CG Series:75)	Raw Material
22	RE Rich Pale Gold ink w/M-Thinner & 1000-HGL Hardener (CG Series:76)	Raw Material
23	RE Rich gold ink w/M-Thinner & 1000-HGL Hardener (CG Series:77)	Raw Material
24	RE Bronze ink w/M-Thinner & 1000-HGL Hardener (CG Series:78)	Raw Material
25	Silver ink w/M-Thinner & 1000-HGL Hardener (CG Series:79/050)	Raw Material

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Test Report # 13H-03140
 Date of Issue: October 28, 2013
 Pages: Page 5 of 18
 Date Received: October 16, 2013

DETAILED RESULTS:

CPSIA Section 101 & 16 CFR 1303, Total Lead in Paints & Surface Coatings

Analysis performed by Inductively Coupled Plasma Optical Emission Spectrometry to determine compliance with the above referenced regulations. [Referenced Test Method: CPSC-CH-E-1003-09.1]

Specimen No.	1+2+3	4+5+6	7+8+9	10+11+12	13+14+15	Limit Total (mg/kg)
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Total Pb	16	LT 10	16	24	14	90
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	16+17+18	19+20+21	22+23	24+25	---	Limit Total (mg/kg)
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Total Pb	13	LT 10	LT 10	LT 10	---	90
Conclusion	PASS	PASS	PASS	PASS	---	

Note:

Pb = Lead
 mg/kg = Milligram per kilogram
 LT = Less Than

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Test Report # 13H-03140
 Date of Issue: October 28, 2013
 Pages: Page 6 of 18
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DETAILED RESULTS:

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

Analysis performed by Inductively Coupled Plasma Optical Emission Spectrometry to determine compliance with the above referenced regulation. [Referenced Test Method: CPSC-CH-E1003-09.1]

Specimen No.	1+2+3	4+5+6	7+8+9	10+11+12	13+14+15	Limit
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Total (mg/kg)
Total Pb	16	LT 10	16	24	14	40
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	16+17+18	19+20+21	22+23	24+25	---	Limit
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Total (mg/kg)
Total Pb	13	LT 10	LT 10	LT 10	---	40
Conclusion	PASS	PASS	PASS	PASS	---	

Note:

Pb = Lead
 mg/kg = Milligrams per kilogram
 LT = Less than

Remark:

A warning statement that indicates that at least one component part of the item contains lead is required for a total lead content in any component part of the item that is more than 40mg/kg but less than a standard for lead content as may be established by federal or State law or regulation.

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Test Report # 13H-03140
 Date of Issue: October 28, 2013
 Pages: Page 7 of 18
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DETAILED RESULTS:

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

Analysis performed by Inductively Coupled Plasma Spectroscopy to determine compliance with the above referenced regulation. [Referenced Test Method: ASTM F963-11 Clause 8.3.1]

Specimen No.	1+2+3	4+5+6	7+8+9	10+11+12	13+14+15	Limit
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Total (mg/kg)
Total Cd	LT 10	LT 10	LT 10	LT 10	LT 10	75
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	16+17+18	19+20+21	22+23	24+25	---	Limit
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Total (mg/kg)
Total Cd	LT 10	LT 10	LT 10	LT 10	---	75
Conclusion	PASS	PASS	PASS	PASS	---	

Note:

Cd = Cadmium
 mg/kg = Milligram per kilogram
 LT = Less Than

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 Date of Issue: October 28, 2013
 Pages: Page 8 of 18
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DETAILED RESULTS:

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

Analysis performed by Inductively Coupled Plasma Spectroscopy to determine compliance with the above referenced regulation. [Referenced Test Method: ASTM F963-11 Clause 8.3.1]

Specimen No.	1+2+3	4+5+6	7+8+9	10+11+12	13+14+15	Limit
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Total (mg/kg)
Total Cd	LT 10	LT 10	LT 10	LT 10	LT 10	75
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	16+17+18	19+20+21	22+23	24+25	---	Limit
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Total (mg/kg)
Total Cd	LT 10	LT 10	LT 10	LT 10	---	75
Conclusion	PASS	PASS	PASS	PASS	---	

Note:

Cd = Cadmium
 mg/kg = Milligram per kilogram
 LT = Less Than

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Test Report # 13H-03140
 Date of Issue: October 28, 2013
 Pages: Page 9 of 18
 Date Received: October 16, 2013

DETAILED RESULTS:

CPSIA Section 106 & ASTM F963-11 Clause 4.3.5, Total Elements Screening in Paint and Similar Surface Coatings

Analysis performed by Inductively Coupled Plasma Optical Emission Spectrometry to determine compliance with the above referenced regulation and standard. [Referenced Test Method: ASTM F963-11 Clause 8.3.1]

Specimen No.	1+2+3	4+5+6	7+8+9	10+11+12	13+14+15	Limit Soluble (mg/kg)
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Total Sb	LT 10	LT 10	LT 10	LT 10	LT 10	60
Total As	LT 10	LT 10	LT 10	LT 10	LT 10	25
Total Ba	LT 10	450	12	210	18	1000
Total Cd	LT 10	LT 10	LT 10	LT 10	LT 10	75
Total Cr	LT 10	LT 10	LT 10	LT 10	LT 10	60
Total Pb	16	LT 10	16	24	14	90
Total Hg	LT 10	LT 10	LT 10	LT 10	LT 10	60
Total Se	LT 25	LT 25	LT 25	LT 25	LT 25	500
Conclusion	PASS	PASS	PASS	PASS	PASS	

Note:

Sb = Antimony; As = Arsenic; Ba = Barium; Cd = Cadmium;
 Cr = Chromium; Pb = Lead; Hg = Mercury; Se = Selenium
 mg/kg = Milligram per kilogram
 LT = Less Than

Remark:

The total heavy metals screening results do not exceed the soluble heavy metal limits, therefore, further soluble analyses were not conducted.

The test result(s) and conclusion(s) in this report relate to the sample(s) tested as described herein.

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Test Report # 13H-03140
 Date of Issue: October 28, 2013
 Pages: Page 10 of 18
 Date Received: October 16, 2013

DETAILED RESULTS:

CPSIA Section 106 & ASTM F963-11 Clause 4.3.5, Total Elements Screening in Paint and Similar Surface Coatings

Analysis performed by Inductively Coupled Plasma Optical Emission Spectrometry to determine compliance with the above referenced regulation and standard. [Referenced Test Method: ASTM F963-11 Clause 8.3.1]

Specimen No.	16+17+18	19+20+21	22+23	24+25	---	Limit
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Soluble (mg/kg)
Total Sb	LT 10	LT 10	LT 10	LT 10	---	60
Total As	LT 10	LT 10	LT 10	LT 10	---	25
Total Ba	2800*	11	LT 10	11	---	1000
Total Cd	LT 10	LT 10	LT 10	LT 10	---	75
Total Cr	LT 10	LT 10	LT 10	LT 10	---	60
Total Pb	13	LT 10	LT 10	LT 10	---	90
Total Hg	LT 10	LT 10	LT 10	LT 10	---	60
Total Se	LT 25	LT 25	LT 25	LT 25	---	500
Conclusion	Refer to Soluble Result	PASS	PASS	PASS	---	

Note:

Sb = Antimony; As = Arsenic; Ba = Barium; Cd = Cadmium;
 Cr = Chromium; Pb = Lead; Hg = Mercury; Se = Selenium
 mg/kg = Milligram per kilogram
 LT = Less Than

Remark:

*The total heavy metals screening results exceeded the soluble heavy metal limits, therefore a separate soluble analysis was conducted.

The test result(s) and conclusion(s) in this report relate to the sample(s) tested as described herein.

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Test Report # 13H-03140
 Date of Issue: October 28, 2013
 Pages: Page 11 of 18
 Date Received: October 16, 2013

DETAILED RESULTS:

CPSIA Section 106 & ASTM F963-11 Clause 4.3.5, Soluble Elements in Paints and Similar Surface Coatings

Analysis performed by Inductively Coupled Plasma Optical Emission Spectrometry to determine compliance with the above referenced regulation and standard. [Referenced Test Method: ASTM F963-11 Clause 8.3.2]

Specimen No.	16	17	18	---	---	Limit
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Soluble (mg/kg)
Soluble Sb	LT 2	LT 2	LT 2	---	---	60
Soluble As	LT 2	LT 2	LT 2	---	---	25
Soluble Ba	LT 2	2	2	---	---	1000
Soluble Cd	LT 2	LT 2	LT 2	---	---	75
Soluble Cr	LT 2	LT 2	LT 2	---	---	60
Soluble Pb	LT 2	LT 2	LT 2	---	---	90
Soluble Hg	LT 2	LT 2	LT 2	---	---	60
Soluble Se	LT 2	LT 2	LT 2	---	---	500
Conclusion	PASS	PASS	PASS	---	---	

Note:

Sb = Antimony; As = Arsenic; Ba = Barium; Cd = Cadmium;
 Cr = Chromium; Pb = Lead; Hg = Mercury; Se = Selenium
 mg/kg = Milligram per kilogram
 LT = Less Than

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Test Report # 13H-03140
 Date of Issue: October 28, 2013
 Pages: Page 12 of 18
 Date Received: October 16, 2013

DETAILED RESULTS:

CPSIA Section 108, Phthalates – Mouthable (DBP, BBP, DEHP, DnOP, DINP, DIDP)

Analysis performed by Gas Chromatography/Mass Spectrometry to determine compliance with the above referenced regulation. [Referenced Test Method: CPSC-CH-C1001-09.3]

Specimen No.	1+2+3	4+5+6	7+8+9	10+11+12	13+14+15	Limit (% w/w)
Test Item	Result (% w/w)	Result (% w/w)	Result (% w/w)	Result (% w/w)	Result (% w/w)	
DBP	LT 0.012	LT 0.012	LT 0.012	LT 0.012	LT 0.012	0.1
BBP	LT 0.012	LT 0.012	LT 0.012	LT 0.012	LT 0.012	0.1
DEHP	LT 0.012	LT 0.012	LT 0.012	LT 0.012	LT 0.012	0.1
DnOP	LT 0.012	LT 0.012	LT 0.012	LT 0.012	LT 0.012	0.1
DINP	LT 0.012	LT 0.012	LT 0.012	LT 0.012	LT 0.012	0.1
DIDP	LT 0.012	LT 0.012	LT 0.012	LT 0.012	LT 0.012	0.1
Conclusion	PASS	PASS	PASS	PASS	PASS	

Note:

DBP = Dibutyl phthalate; BBP = Benzyl butyl phthalate; DEHP = Di-(2-ethylhexyl) phthalate
 DnOP = Di-n-octyl phthalate; DINP = Diisononyl phthalate; DIDP = Diisodecyl phthalate
 % w/w = Percentage by weight
 LT = Less Than

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 Pages: Page 13 of 18
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DETAILED RESULTS:

CPSIA Section 108, Phthalates – Mouthable (DBP, BBP, DEHP, DnOP, DINP, DIDP)

Analysis performed by Gas Chromatography/Mass Spectrometry to determine compliance with the above referenced regulation. [Referenced Test Method: CPSC-CH-C1001-09.3]

Specimen No.	16+17+18	19+20+21	22+23	24+25	---	Limit (% w/w)
Test Item	Result (% w/w)	Result (% w/w)	Result (% w/w)	Result (% w/w)	Result (% w/w)	
DBP	LT 0.012	LT 0.012	LT 0.012	LT 0.012	---	0.1
BBP	LT 0.012	LT 0.012	LT 0.012	LT 0.012	---	0.1
DEHP	LT 0.012	LT 0.012	LT 0.012	LT 0.012	---	0.1
DnOP	LT 0.012	LT 0.012	LT 0.012	LT 0.012	---	0.1
DINP	LT 0.012	LT 0.012	LT 0.012	LT 0.012	---	0.1
DIDP	LT 0.012	LT 0.012	LT 0.012	LT 0.012	---	0.1
Conclusion	PASS	PASS	PASS	PASS	---	

Note:

DBP = Dibutyl phthalate; BBP = Benzyl butyl phthalate; DEHP = Di-(2-ethylhexyl) phthalate
 DnOP = Di-n-octyl phthalate; DINP = Diisononyl phthalate; DIDP = Diisodecyl phthalate
 % w/w = Percentage by weight
 LT = Less Than

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 Pages: Page 14 of 18
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DETAILED RESULTS:

California Proposition 65, Phthalates (DEHP, DBP, BBP, DIDP, DnHP)

Analysis performed by Gas Chromatography/Mass Spectrometry to determine compliance with the above referenced regulation. [Referenced Test Method: CPSC-CH-C1001-09.3]

Specimen No.	1+2+3	4+5+6	7+8+9	10+11+12	13+14+15	Limit (% w/w)
Test Item	Result (% w/w)	Result (% w/w)	Result (% w/w)	Result (% w/w)	Result (% w/w)	
DBP	LT 0.012	LT 0.012	LT 0.012	LT 0.012	LT 0.012	0.1
BBP	LT 0.012	LT 0.012	LT 0.012	LT 0.012	LT 0.012	0.1
DEHP	LT 0.012	LT 0.012	LT 0.012	LT 0.012	LT 0.012	0.1
DIDP	LT 0.012	LT 0.012	LT 0.012	LT 0.012	LT 0.012	0.1
DnHP	LT 0.012	LT 0.012	LT 0.012	LT 0.012	LT 0.012	0.1
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	16+17+18	19+20+21	22+23	24+25	---	Limit (% w/w)
Test Item	Result (% w/w)	Result (% w/w)	Result (% w/w)	Result (% w/w)	Result (% w/w)	
DBP	LT 0.012	LT 0.012	LT 0.012	LT 0.012	---	0.1
BBP	LT 0.012	LT 0.012	LT 0.012	LT 0.012	---	0.1
DEHP	LT 0.012	LT 0.012	LT 0.012	LT 0.012	---	0.1
DIDP	LT 0.012	LT 0.012	LT 0.012	LT 0.012	---	0.1
DnHP	LT 0.012	LT 0.012	LT 0.012	LT 0.012	---	0.1
Conclusion	PASS	PASS	PASS	PASS	---	

Note:

DBP = Dibutyl phthalate; BBP = Benzyl butyl phthalate; DEHP = Di-(2-ethylhexyl) phthalate
 DIDP = Diisodecyl phthalate; DnHP = Di-n-hexyl phthalate
 %w/w = Percentage by weight
 LT = Less Than

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Test Report # 13H-03140
 Date of Issue: October 28, 2013
 Pages: Page 15 of 18
 Date Received: October 16, 2013

DETAILED RESULTS:

ASTM F2923-11 Clause 8, Total Elements Screening in Paint and Surface Coatings

Analysis performed by Inductively Coupled Plasma Optical Emission Spectrometry to determine compliance with the above referenced standard. [Referenced Test Method: ASTM F963-11 Clause 8.3.1]

Specimen No.	1+2+3	4+5+6	7+8+9	10+11+12	13+14+15	Limit
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Total (mg/kg)
Total Sb	LT 10	LT 10	LT 10	LT 10	LT 10	60
Total As	LT 10	LT 10	LT 10	LT 10	LT 10	25
Total Ba	LT 10	450	12	210	18	1000
Total Cd	LT 10	LT 10	LT 10	LT 10	LT 10	75
Total Cr	LT 10	LT 10	LT 10	LT 10	LT 10	60
Total Hg	LT 10	LT 10	LT 10	LT 10	LT 10	60
Total Se	LT 25	LT 25	LT 25	LT 25	LT 25	500
Conclusion	PASS	PASS	PASS	PASS	PASS	

Note:

Sb = Antimony; As = Arsenic; Ba = Barium; Cd = Cadmium;
 Cr = Chromium; Hg = Mercury; Se = Selenium
 mg/kg = Milligrams per kilogram
 LT = Less than

Remark:

The total heavy metals screening results do not exceed the soluble heavy metal limits, therefore, further soluble analyses were not conducted.

The test result(s) and conclusion(s) in this report relate to the sample(s) tested as described herein.

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DETAILED RESULTS:

ASTM F2923-11 Clause 8, Total Elements Screening in Paint and Surface Coatings

Analysis performed by Inductively Coupled Plasma Optical Emission Spectrometry to determine compliance with the above referenced standard. [Referenced Test Method: ASTM F963-11 Clause 8.3.1]

Specimen No.	16+17+18	19+20+21	22+23	24+25	---	Limit
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Total (mg/kg)
Total Sb	LT 10	LT 10	LT 10	LT 10	---	60
Total As	LT 10	LT 10	LT 10	LT 10	---	25
Total Ba	2800*	11	LT 10	11	---	1000
Total Cd	LT 10	LT 10	LT 10	LT 10	---	75
Total Cr	LT 10	LT 10	LT 10	LT 10	---	60
Total Hg	LT 10	LT 10	LT 10	LT 10	---	60
Total Se	LT 25	LT 25	LT 25	LT 25	---	500
Conclusion	Refer to Soluble Result	PASS	PASS	PASS	---	

Note:

Sb = Antimony; As = Arsenic; Ba = Barium; Cd = Cadmium;
 Cr = Chromium; Hg = Mercury; Se = Selenium
 mg/kg = Milligrams per kilogram
 LT = Less than

Remark:

*The total heavy metals screening results exceeded the soluble heavy metal limits, therefore a separate soluble analysis was conducted.

The test result(s) and conclusion(s) in this report relate to the sample(s) tested as described herein.
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TEST REPORT

Company: Quality Certification Alliance
 Recipient: D. Fenton
 Recipient Email: dfenton@qcalliance.org
 cc to Email: -

Test Report # 13H-03140
 Date of Issue: October 28, 2013
 Pages: Page 17 of 18
 Date Received: October 16, 2013

DETAILED RESULTS:

ASTM F2923-11 Clause 8, Soluble Elements in Paint and Surface Coatings

Analysis performed by Inductively Coupled Plasma Optical Emission Spectrometry to determine compliance with the above referenced standard. [Referenced Test Method: ASTM F963-11 Clause 8.3.2]

Specimen No.	16	17	18	---	---	Limit
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Soluble (mg/kg)
Soluble Sb	LT 2	LT 2	LT 2	---	---	60
Soluble As	LT 2	LT 2	LT 2	---	---	25
Soluble Ba	LT 2	2	2	---	---	1000
Soluble Cd	LT 2	LT 2	LT 2	---	---	75
Soluble Cr	LT 2	LT 2	LT 2	---	---	60
Soluble Hg	LT 2	LT 2	LT 2	---	---	60
Soluble Se	LT 2	LT 2	LT 2	---	---	500
Conclusion	PASS	PASS	PASS	---	---	

Note:

Sb = Antimony; As = Arsenic; Ba = Barium; Cd = Cadmium;
 Cr = Chromium; Hg = Mercury; Se = Selenium
 mg/kg = Milligrams per kilogram
 LT = Less than

Quality Alliance

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Company: Quality Certification Alliance
Recipient: D. Fenton
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cc to Email: -

Test Report # 13H-03140
Date of Issue: October 28, 2013
Pages: Page 18 of 18
Date Received: October 16, 2013

SAMPLE PHOTO:



-End Report-

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TEST REPORT

Company: Quality Certification Alliance
Recipient: D. Fenton
Recipient Email: dfenton@qcalliance.org
cc to Email: -

Test Report # 13H-03157
Date of Issue: November 01, 2013
Pages: Page 1 of 26
Date Received: October 17, 2013

SAMPLE INFORMATION:

Description:	J3 series Ink	Purchase Order Number:	-
Assortment/Colors:	See Table on pg. 3 & 4	Country of Distribution:	United States
Style/Batch No.:	See Table on pg. 3 & 4	Country of Origin:	United States
Supplier:	Inkcups Now	Labeled Age Grade:	-
Quantity Submitted:	2 fluid oz./sample	Recommended Age Grade:	-
Date Received:	10/17/2013	Tested Age Grade:	-
Testing Period:	10/17/2013 – 11/01/2013		

Refer to page 2 for Testing Summary Table and appropriate notes.

ANSECO GROUP (HK) LIMITED



Vincent Chow Wai Kit
Manager, Chemical Laboratory

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Test Report # 13H-03157
 Date of Issue: November 01, 2013
 Pages: Page 2 of 26
 Date Received: October 17, 2013

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

CONCLUSION	TEST(S) CONDUCTED
PASS	CPSIA Section 101 & 16 CFR 1303, Total Lead in Paints & Surface Coatings
PASS	The Illinois Lead Poisoning Prevention Act (LPPA) (410 ILCS 45/6), Total Lead 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	Maryland Chapter 578 (House Bill 145), Total Cadmium in Children's Jewelry
PASS	CPSIA Section 106 & ASTM F963-11 Clause 4.3.5, Total Elements Screening in Paint and Similar Surface Coatings
PASS	CPSIA Section 106 & ASTM F963-11 Clause 4.3.5, Soluble Elements in Paints and Similar Surface Coatings
Refer to Detailed Results*	CPSIA Section 108, Phthalates – Mouthable (DBP, BBP, DEHP, DnOP, DINP, DIDP)
Refer to Detailed Results*	California Proposition 65, Phthalates (DEHP, DBP, BBP, DIDP, DnHP)
PASS	ASTM F2923-11 Clause 8, Total Elements Screening in Paint and Surface Coatings
PASS	ASTM F2923-11 Clause 8, Soluble Elements in Paint and Surface Coatings

* Specimen (s) # 3,22 and 25 Do Not Meet the requirements of CPSIA Section 108, Phthalates – Mouthable (DBP, BBP, DEHP, DnOP, DINP, DIDP) Please see page 3 and 4 for detailed specimen description and page 14 for test results on individual specimens.

* Specimen (s) # 3 and 22 Do Not Meet the requirements of California Proposition 65, Phthalates (DEHP, DBP, BBP, DIDP, DnHP). Please see page 3 and 4 for detailed specimen description and page 17 for test results on individual specimens.

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Company: Quality Certification Alliance
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 cc to Email: -

Test Report # 13H-03157
 Date of Issue: November 01, 2013
 Pages: Page 3 of 26
 Date Received: October 17, 2013

DETAILED SAMPLE DESCRIPTION:

Specimen No.	Specimen Description	Location
1*	Lemon Yellow ink w/M-Thinner (J3 Series:110)	Raw Material
2*	Medium Yellow ink w/M-Thinner (J3 Series:111)	Raw Material
3*	Dark Yellow ink w/M-Thinner (J3 Series:112)	Raw Material
4	Orange ink w/M-Thinner (J3 Series:115)	Raw Material
5	Bright Red ink w/M-Thinner (J3 Series:120)	Raw Material
6	Signal Red ink w/M-Thinner (J3 Series:121)	Raw Material
7	Carmine Red ink w/M-Thinner (J3 Series:122)	Raw Material
8	Dark Pink ink w/M-Thinner (J3 Series:124)	Raw Material
9	Light Blue ink w/M-Thinner (J3 Series:130)	Raw Material
10	Medium Blue ink w/M-Thinner (J3 Series:131)	Raw Material
11	Ultra Blue ink w/M-Thinner (J3 Series:132)	Raw Material
12	Dark Blue ink w/M-Thinner (J3 Series:133)	Raw Material
13	Violet ink w/M-Thinner (J3 Series:136)	Raw Material
14	Reflex Blue ink w/M-Thinner (J3 Series:139)	Raw Material
15	Bright Green ink w/M-Thinner (J3 Series:140)	Raw Material
16	Dark Green ink w/M-Thinner (J3 Series:141)	Raw Material
17	Emerald Green ink w/M-Thinner (J3 Series:142)	Raw Material
18	Light Brown ink w/M-Thinner (J3 Series:150)	Raw Material
19	Dark Brown ink w/M-Thinner (J3 Series:151)	Raw Material
20	White ink w/M-Thinner (J3 Series:160)	Raw Material
21	Black ink w/M-Thinner (J3 Series:165)	Raw Material

Note:

* = Specimens where initial phthalate result failed or was deemed high during composite testing.

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Test Report # 13H-03157
 Date of Issue: November 01, 2013
 Pages: Page 4 of 26
 Date Received: October 17, 2013

DETAILED SAMPLE DESCRIPTION:

Specimen No.	Specimen Description	Location
22*	RE Pale Gold ink w/M-Thinner (J3 Series:75)	Raw Material
23*	RE Rich Pale Gold ink w/M-Thinner (J3 Series:76)	Raw Material
24*	RE Rich Gold ink w/M-Thinner (J3 Series:77)	Raw Material
25*	RE Bronze ink w/M-Thinner (J3 Series:78)	Raw Material
26*	Silver ink w/M-Thinner (J3 Series:79/050)	Raw Material

Note:

* = Specimens where initial phthalate result failed or was deemed high during composite testing.

Quality Certification Alliance

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 Recipient Email: dfenton@qcalliance.org
 cc to Email: -

Test Report # 13H-03157
 Date of Issue: November 01, 2013
 Pages: Page 5 of 26
 Date Received: October 17, 2013

DETAILED RESULTS:

CPSIA Section 101 & 16 CFR 1303, Total Lead in Paints & Surface Coatings

Analysis performed by Inductively Coupled Plasma Optical Emission Spectrometry to determine compliance with the above referenced regulations. [Referenced Test Method: CPSC-CH-E-1003-09.1]

Specimen No.	1+2+3	4+5+6	7+8+9	10+11+12	13+14+15	Limit Total (mg/kg)
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Total Pb	LT 10	LT 10	LT 10	LT 10	LT 10	90
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	16+17+18	19+20+21	22+23	24+25+26	---	Limit Total (mg/kg)
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Total Pb	LT 10	LT 10	LT 10	LT 10	---	90
Conclusion	PASS	PASS	PASS	PASS	---	

Note:

Pb = Lead
 mg/kg = Milligram per kilogram
 LT = Less Than

The test result(s) and conclusion(s) in this report relate to the sample(s) tested as described herein.

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Test Report # 13H-03157
 Date of Issue: November 01, 2013
 Pages: Page 6 of 26
 Date Received: October 17, 2013

DETAILED RESULTS:

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

Analysis performed by Inductively Coupled Plasma Optical Emission Spectrometry to determine compliance with the above referenced regulation. [Referenced Test Method: CPSC-CH-E1003-09.1]

Specimen No.	1+2+3	4+5+6	7+8+9	10+11+12	13+14+15	Limit
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Total (mg/kg)
Total Pb	LT 10	LT 10	LT 10	LT 10	LT 10	40
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	16+17+18	19+20+21	22+23	24+25+26	---	Limit
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Total (mg/kg)
Total Pb	LT 10	LT 10	LT 10	LT 10	---	40
Conclusion	PASS	PASS	PASS	PASS	---	

Note:

Pb = Lead
 mg/kg = Milligrams per kilogram
 LT = Less than

Remark:

A warning statement that indicates that at least one component part of the item contains lead is required for a total lead content in any component part of the item that is more than 40mg/kg but less than a standard for lead content as may be established by federal or State law or regulation.

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Test Report # 13H-03157
 Date of Issue: November 01, 2013
 Pages: Page 7 of 26
 Date Received: October 17, 2013

DETAILED RESULTS:

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

Analysis performed by Inductively Coupled Plasma Spectroscopy to determine compliance with the above referenced regulation. [Referenced Test Method: ASTM F963-11 Clause 8.3.1]

Specimen No.	1+2+3	4+5+6	7+8+9	10+11+12	13+14+15	Limit
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Total (mg/kg)
Total Cd	LT 10	LT 10	LT 10	LT 10	LT 10	75
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	16+17+18	19+20+21	22+23	24+25+26	---	Limit
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Total (mg/kg)
Total Cd	LT 10	LT 10	LT 10	LT 10	---	75
Conclusion	PASS	PASS	PASS	PASS	---	

Note:

Cd = Cadmium
 mg/kg = Milligram per kilogram
 LT = Less Than

The test result(s) and conclusion(s) in this report relate to the sample(s) tested as described herein.

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 cc to Email: -

Test Report # 13H-03157
 Date of Issue: November 01, 2013
 Pages: Page 8 of 26
 Date Received: October 17, 2013

DETAILED RESULTS:

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

Analysis performed by Inductively Coupled Plasma Spectroscopy to determine compliance with the above referenced regulation. [Referenced Test Method: ASTM F963-11 Clause 8.3.1]

Specimen No.	1+2+3	4+5+6	7+8+9	10+11+12	13+14+15	Limit
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Total (mg/kg)
Total Cd	LT 10	LT 10	LT 10	LT 10	LT 10	75
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	16+17+18	19+20+21	22+23	24+25+26	---	Limit
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Total (mg/kg)
Total Cd	LT 10	LT 10	LT 10	LT 10	---	75
Conclusion	PASS	PASS	PASS	PASS	---	

Note:

Cd = Cadmium
 mg/kg = Milligram per kilogram
 LT = Less Than

The test result(s) and conclusion(s) in this report relate to the sample(s) tested as described herein.

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Test Report # 13H-03157
 Date of Issue: November 01, 2013
 Pages: Page 9 of 26
 Date Received: October 17, 2013

DETAILED RESULTS:

CPSIA Section 106 & ASTM F963-11 Clause 4.3.5, Total Elements Screening in Paint and Similar Surface Coatings

Analysis performed by Inductively Coupled Plasma Optical Emission Spectrometry to determine compliance with the above referenced regulation and standard. [Referenced Test Method: ASTM F963-11 Clause 8.3.1]

Specimen No.	1+2+3	4+5+6	7+8+9	10+11+12	13+14+15	Limit Soluble (mg/kg)
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Total Sb	LT 10	LT 10	LT 10	LT 10	LT 10	60
Total As	LT 10	LT 10	LT 10	LT 10	LT 10	25
Total Ba	1300*	LT 10	69	71	39	1000
Total Cd	LT 10	LT 10	LT 10	LT 10	LT 10	75
Total Cr	LT 10	LT 10	LT 10	LT 10	LT 10	60
Total Pb	LT 10	LT 10	LT 10	LT 10	LT 10	90
Total Hg	LT 10	LT 10	LT 10	LT 10	LT 10	60
Total Se	LT 25	LT 25	LT 25	LT 25	LT 25	500
Conclusion	Refer to Soluble Result	PASS	PASS	PASS	PASS	

Note:

Sb = Antimony; As = Arsenic; Ba = Barium; Cd = Cadmium;
 Cr = Chromium; Pb = Lead; Hg = Mercury; Se = Selenium
 mg/kg = Milligram per kilogram
 LT = Less Than

Remark:

*The total heavy metals screening results exceeded the soluble heavy metal limits, therefore a separate soluble analysis was conducted.

The test result(s) and conclusion(s) in this report relate to the sample(s) tested as described herein.

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 cc to Email: -

Test Report # 13H-03157
 Date of Issue: November 01, 2013
 Pages: Page 10 of 26
 Date Received: October 17, 2013

DETAILED RESULTS:

CPSIA Section 106 & ASTM F963-11 Clause 4.3.5, Total Elements Screening in Paint and Similar Surface Coatings

Analysis performed by Inductively Coupled Plasma Optical Emission Spectrometry to determine compliance with the above referenced regulation and standard. [Referenced Test Method: ASTM F963-11 Clause 8.3.1]

Specimen No.	16+17+18	19+20+21	22+23	24+25+26	---	Limit Soluble (mg/kg)
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Total Sb	LT 10	LT 10	LT 10	LT 10	---	60
Total As	LT 10	LT 10	LT 10	LT 10	---	25
Total Ba	200	14	51	LT 10	---	1000
Total Cd	LT 10	LT 10	LT 10	LT 10	---	75
Total Cr	LT 10	LT 10	LT 10	14	---	60
Total Pb	LT 10	LT 10	LT 10	LT 10	---	90
Total Hg	LT 10	LT 10	LT 10	LT 10	---	60
Total Se	LT 25	LT 25	LT 25	LT 25	---	500
Conclusion	PASS	PASS	PASS	PASS	---	

Note:

Sb = Antimony; As = Arsenic; Ba = Barium; Cd = Cadmium;
 Cr = Chromium; Pb = Lead; Hg = Mercury; Se = Selenium
 mg/kg = Milligram per kilogram
 LT = Less Than

Remark:

The total heavy metals screening results do not exceed the soluble heavy metal limits, therefore, further soluble analyses were not conducted.

The test result(s) and conclusion(s) in this report relate to the sample(s) tested as described herein.

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 cc to Email: -

Test Report # 13H-03157
 Date of Issue: November 01, 2013
 Pages: Page 11 of 26
 Date Received: October 17, 2013

DETAILED RESULTS:

CPSIA Section 106 & ASTM F963-11 Clause 4.3.5, Soluble Elements in Paints and Similar Surface Coatings

Analysis performed by Inductively Coupled Plasma Optical Emission Spectrometry to determine compliance with the above referenced regulation and standard. [Referenced Test Method: ASTM F963-11 Clause 8.3.2]

Specimen No.	1	2	3	---	---	Limit Soluble (mg/kg)
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Soluble Sb	LT 2	LT 2	LT 2	---	---	60
Soluble As	LT 2	LT 2	LT 2	---	---	25
Soluble Ba	LT 2	LT 2	2	---	---	1000
Soluble Cd	LT 2	LT 2	LT 2	---	---	75
Soluble Cr	LT 2	LT 2	LT 2	---	---	60
Soluble Pb	LT 2	LT 2	LT 2	---	---	90
Soluble Hg	LT 2	LT 2	LT 2	---	---	60
Soluble Se	LT 2	LT 2	LT 2	---	---	500
Conclusion	PASS	PASS	PASS	---	---	

Note:

Sb = Antimony; As = Arsenic; Ba = Barium; Cd = Cadmium;
 Cr = Chromium; Pb = Lead; Hg = Mercury; Se = Selenium
 mg/kg = Milligram per kilogram
 LT = Less Than

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Test Report # 13H-03157
 Date of Issue: November 01, 2013
 Pages: Page 12 of 26
 Date Received: October 17, 2013

DETAILED RESULTS:

CPSIA Section 108, Phthalates – Mouthable (DBP, BBP, DEHP, DnOP, DINP, DIDP)

Analysis performed by Gas Chromatography/Mass Spectrometry to determine compliance with the above referenced regulation. [Referenced Test Method: CPSC-CH-C1001-09.3]

Specimen No.	1+2+3	4+5+6	7+8+9	10+11+12	13+14+15	Limit (% w/w)
Test Item	Result (% w/w)	Result (% w/w)	Result (% w/w)	Result (% w/w)	Result (% w/w)	
DBP	LT 0.012	LT 0.012	LT 0.012	LT 0.012	LT 0.012	0.1
BBP	LT 0.012	LT 0.012	LT 0.012	LT 0.012	LT 0.012	0.1
DEHP	LT 0.012	LT 0.012	LT 0.012	LT 0.012	LT 0.012	0.1
DnOP	LT 0.012	LT 0.012	LT 0.012	LT 0.012	LT 0.012	0.1
DINP	1.3	0.039	0.018	0.018	0.033	0.1
DIDP	0.13	LT 0.012	LT 0.012	LT 0.012	LT 0.012	0.1
Conclusion	FAIL*	PASS	PASS	PASS	PASS	

Note:

DBP = Dibutyl phthalate; BBP = Benzyl butyl phthalate; DEHP = Di-(2-ethylhexyl) phthalate
 DnOP = Di-n-octyl phthalate; DINP = Diisononyl phthalate; DIDP = Diisodecyl phthalate
 % w/w = Percentage by weight
 LT = Less Than

**Remark:*

At the request of the client, the inks were re-tested individually for 1,2 and 3 result which failed or was deemed "high" during composite testing. Refer to Page 14 for test results on individual specimens.

The test result(s) and conclusion(s) in this report relate to the sample(s) tested as described herein.

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Test Report # 13H-03157
 Date of Issue: November 01, 2013
 Pages: Page 13 of 26
 Date Received: October 17, 2013

DETAILED RESULTS:

CPSIA Section 108, Phthalates – Mouthable (DBP, BBP, DEHP, DnOP, DINP, DIDP)

Analysis performed by Gas Chromatography/Mass Spectrometry to determine compliance with the above referenced regulation. [Referenced Test Method: CPSC-CH-C1001-09.3]

Specimen No.	16+17+18	19+20+21	22+23	24+25+26	---	Limit (% w/w)
Test Item	Result (% w/w)	Result (% w/w)	Result (% w/w)	Result (% w/w)	Result (% w/w)	
DBP	LT 0.012	LT 0.012	LT 0.012	LT 0.012	---	0.1
BBP	LT 0.012	LT 0.012	LT 0.012	LT 0.012	---	0.1
DEHP	LT 0.012	LT 0.012	0.17	LT 0.012	---	0.1
DnOP	LT 0.012	LT 0.012	LT 0.012	LT 0.012	---	0.1
DINP	0.015	LT 0.012	1.0	1.3	---	0.1
DIDP	LT 0.012	LT 0.012	LT 0.012	0.069	---	0.1
Conclusion	PASS	PASS	FAIL*	FAIL*	---	

Note:

DBP = Dibutyl phthalate; BBP = Benzyl butyl phthalate; DEHP = Di-(2-ethylhexyl) phthalate
 DnOP = Di-n-octyl phthalate; DINP = Diisononyl phthalate; DIDP = Diisodecyl phthalate
 % w/w = Percentage by weight
 LT = Less Than

**Remark:*

At the request of the client, the inks were re-tested individually for 22,23,24,25 and 26 result which failed or was deemed "high" during composite testing. Refer to Page 14 for test results on individual specimens.

The test result(s) and conclusion(s) in this report relate to the sample(s) tested as described herein.

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TEST REPORT

Company: Quality Certification Alliance
 Recipient: D. Fenton
 Recipient Email: dfenton@qcalliance.org
 cc to Email: -

Test Report # 13H-03157
 Date of Issue: November 01, 2013
 Pages: Page 14 of 26
 Date Received: October 17, 2013

DETAILED RESULTS:

CPSIA Section 108, Phthalates – Mouthable (DBP, BBP, DEHP, DnOP, DINP, DIDP)

Analysis performed by Gas Chromatography/Mass Spectrometry to determine compliance with the above referenced regulation. [Referenced Test Method: CPSC-CH-C1001-09.3]

Specimen No.	1	2	3	22	23	Limit (% w/w)
Test Item	Result (% w/w)	Result (% w/w)	Result (% w/w)	Result (% w/w)	Result (% w/w)	
DBP	LT 0.010	LT 0.010	LT 0.010	LT 0.010	LT 0.010	0.1
BBP	LT 0.010	LT 0.010	LT 0.010	LT 0.010	LT 0.010	0.1
DEHP	LT 0.010	LT 0.010	LT 0.010	0.14	LT 0.010	0.1
DnOP	LT 0.010	LT 0.010	LT 0.010	LT 0.010	LT 0.010	0.1
DINP	LT 0.010	LT 0.010	1.4	1.1	LT 0.010	0.1
DIDP	LT 0.010	LT 0.010	0.12	LT 0.010	LT 0.010	0.1
Conclusion	PASS	PASS	FAIL	FAIL	PASS	

Specimen No.	24	25	26	---	---	Limit (% w/w)
Test Item	Result (% w/w)	Result (% w/w)	Result (% w/w)	Result (% w/w)	Result (% w/w)	
DBP	LT 0.010	LT 0.010	LT 0.010	---	---	0.1
BBP	LT 0.010	LT 0.010	LT 0.010	---	---	0.1
DEHP	LT 0.010	LT 0.010	LT 0.010	---	---	0.1
DnOP	LT 0.010	LT 0.010	LT 0.010	---	---	0.1
DINP	LT 0.010	1.5	LT 0.010	---	---	0.1
DIDP	LT 0.010	0.067	LT 0.010	---	---	0.1
Conclusion	PASS	FAIL	PASS	---	---	

Note:

DBP = Dibutyl phthalate; BBP = Benzyl butyl phthalate; DEHP = Di-(2-ethylhexyl) phthalate
 DnOP = Di-n-octyl phthalate; DINP = Diisononyl phthalate; DIDP = Diisodecyl phthalate
 % w/w = Percentage by weight
 LT = Less Than

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Company: Quality Certification Alliance
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Test Report # 13H-03157
 Date of Issue: November 01, 2013
 Pages: Page 15 of 26
 Date Received: October 17, 2013

DETAILED RESULTS:

California Proposition 65, Phthalates (DEHP, DBP, BBP, DIDP, DnHP)

Analysis performed by Gas Chromatography/Mass Spectrometry to determine compliance with the above referenced regulation. [Referenced Test Method: CPSC-CH-C1001-09.3]

Specimen No.	1+2+3	4+5+6	7+8+9	10+11+12	13+14+15	Limit (% w/w)
Test Item	Result (% w/w)	Result (% w/w)	Result (% w/w)	Result (% w/w)	Result (% w/w)	
DBP	LT 0.012	LT 0.012	LT 0.012	LT 0.012	LT 0.012	0.1
BBP	LT 0.012	LT 0.012	LT 0.012	LT 0.012	LT 0.012	0.1
DEHP	LT 0.012	LT 0.012	LT 0.012	LT 0.012	LT 0.012	0.1
DIDP	0.13	LT 0.012	LT 0.012	LT 0.012	LT 0.012	0.1
DnHP	LT 0.012	LT 0.012	LT 0.012	LT 0.012	LT 0.012	0.1
Conclusion	FAIL*	PASS	PASS	PASS	PASS	

Note:

DBP = Dibutyl phthalate; BBP = Benzyl butyl phthalate; DEHP = Di-(2-ethylhexyl) phthalate
 DIDP = Diisodecyl phthalate; DnHP = Di-n-hexyl phthalate
 %w/w = Percentage by weight
 LT = Less Than

**Remark:*

At the request of the client, the inks were re-tested individually for 1,2 and 3 result which failed or was deemed "high" during composite testing. Refer to Page 17 for test results on individual specimens.

The test result(s) and conclusion(s) in this report relate to the sample(s) tested as described herein.

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 cc to Email: -

Test Report # 13H-03157
 Date of Issue: November 01, 2013
 Pages: Page 16 of 26
 Date Received: October 17, 2013

DETAILED RESULTS:

California Proposition 65, Phthalates (DEHP, DBP, BBP, DIDP, DnHP)

Analysis performed by Gas Chromatography/Mass Spectrometry to determine compliance with the above referenced regulation. [Referenced Test Method: CPSC-CH-C1001-09.3]

Specimen No.	16+17+18	19+20+21	22+23	24+25+26	---	Limit (% w/w)
Test Item	Result (% w/w)	Result (% w/w)	Result (% w/w)	Result (% w/w)	Result (% w/w)	
DBP	LT 0.012	LT 0.012	LT 0.012	LT 0.012	---	0.1
BBP	LT 0.012	LT 0.012	LT 0.012	LT 0.012	---	0.1
DEHP	LT 0.012	LT 0.012	0.17	LT 0.012	---	0.1
DIDP	LT 0.012	LT 0.012	LT 0.012	0.069	---	0.1
DnHP	LT 0.012	LT 0.012	LT 0.012	LT 0.012	---	0.1
Conclusion	PASS	PASS	FAIL*	PASS	---	

Note:

DBP = Dibutyl phthalate; BBP = Benzyl butyl phthalate; DEHP = Di-(2-ethylhexyl) phthalate
 DIDP = Diisodecyl phthalate; DnHP = Di-n-hexyl phthalate
 %w/w = Percentage by weight
 LT = Less Than

**Remark:*

At the request of the client, the inks were re-tested individually for 22 and 23 result which failed or was deemed "high" during composite testing. Refer to Page 17 for test results on individual specimens.

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Test Report # 13H-03157
 Date of Issue: November 01, 2013
 Pages: Page 17 of 26
 Date Received: October 17, 2013

DETAILED RESULTS:

California Proposition 65, Phthalates (DEHP, DBP, BBP, DIDP, DnHP)

Analysis performed by Gas Chromatography/Mass Spectrometry to determine compliance with the above referenced regulation. [Referenced Test Method: CPSC-CH-C1001-09.3]

Specimen No.	1	2	3	22	23	Limit (% w/w)
Test Item	Result (% w/w)	Result (% w/w)	Result (% w/w)	Result (% w/w)	Result (% w/w)	
DBP	LT 0.010	LT 0.010	LT 0.010	LT 0.010	LT 0.010	0.1
BBP	LT 0.010	LT 0.010	LT 0.010	LT 0.010	LT 0.010	0.1
DEHP	LT 0.010	LT 0.010	LT 0.010	0.14	LT 0.010	0.1
DIDP	LT 0.010	LT 0.010	0.12	LT 0.010	LT 0.012	0.1
DnHP	LT 0.010	LT 0.010	LT 0.010	LT 0.010	LT 0.010	0.1
Conclusion	PASS	PASS	FAIL	FAIL	PASS	

Note:

DBP = Dibutyl phthalate; BBP = Benzyl butyl phthalate; DEHP = Di-(2-ethylhexyl) phthalate
 DIDP = Diisodecyl phthalate; DnHP = Di-n-hexyl phthalate
 %w/w = Percentage by weight
 LT = Less Than

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Test Report # 13H-03157
 Date of Issue: November 01, 2013
 Pages: Page 18 of 26
 Date Received: October 17, 2013

DETAILED RESULTS:

ASTM F2923-11 Clause 8, Total Elements Screening in Paint and Surface Coatings

Analysis performed by Inductively Coupled Plasma Optical Emission Spectrometry to determine compliance with the above referenced standard. [Referenced Test Method: ASTM F963-11 Clause 8.3.1]

Specimen No.	1+2+3	4+5+6	7+8+9	10+11+12	13+14+15	Limit
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Total (mg/kg)
Total Sb	LT 10	LT 10	LT 10	LT 10	LT 10	60
Total As	LT 10	LT 10	LT 10	LT 10	LT 10	25
Total Ba	1300*	LT 10	69	71	39	1000
Total Cd	LT 10	LT 10	LT 10	LT 10	LT 10	75
Total Cr	LT 10	LT 10	LT 10	LT 10	LT 10	60
Total Hg	LT 10	LT 10	LT 10	LT 10	LT 10	60
Total Se	LT 25	LT 25	LT 25	LT 25	LT 25	500
Conclusion	Refer to Soluble Result	PASS	PASS	PASS	PASS	

Note:

Sb = Antimony; As = Arsenic; Ba = Barium; Cd = Cadmium;
 Cr = Chromium; Hg = Mercury; Se = Selenium
 mg/kg = Milligrams per kilogram
 LT = Less than

Remark:

*The total heavy metals screening results exceeded the soluble heavy metal limits, therefore a separate soluble analysis was conducted.

The test result(s) and conclusion(s) in this report relate to the sample(s) tested as described herein.

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Test Report # 13H-03157
 Date of Issue: November 01, 2013
 Pages: Page 19 of 26
 Date Received: October 17, 2013

DETAILED RESULTS:

ASTM F2923-11 Clause 8, Total Elements Screening in Paint and Surface Coatings

Analysis performed by Inductively Coupled Plasma Optical Emission Spectrometry to determine compliance with the above referenced standard. [Referenced Test Method: ASTM F963-11 Clause 8.3.1]

Specimen No.	16	19+20+21	22+23	24+25+26	---	Limit Total (mg/kg)
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Total Sb	LT 10	LT 10	LT 10	LT 10	---	60
Total As	LT 10	LT 10	LT 10	LT 10	---	25
Total Ba	200	14	51	LT 10	---	1000
Total Cd	LT 10	LT 10	LT 10	LT 10	---	75
Total Cr	LT 10	LT 10	LT 10	14	---	60
Total Hg	LT 10	LT 10	LT 10	LT 10	---	60
Total Se	LT 25	LT 25	LT 25	LT 25	---	500
Conclusion	PASS	PASS	PASS	PASS	---	

Note:

Sb = Antimony; As = Arsenic; Ba = Barium; Cd = Cadmium;
 Cr = Chromium; Hg = Mercury; Se = Selenium
 mg/kg = Milligrams per kilogram
 LT = Less than

Remark:

The total heavy metals screening results do not exceed the soluble heavy metal limits, therefore, further soluble analyses were not conducted.

The test result(s) and conclusion(s) in this report relate to the sample(s) tested as described herein.

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Test Report # 13H-03157
 Date of Issue: November 01, 2013
 Pages: Page 20 of 26
 Date Received: October 17, 2013

DETAILED RESULTS:

ASTM F2923-11 Clause 8, Soluble Elements in Paint and Surface Coatings

Analysis performed by Inductively Coupled Plasma Optical Emission Spectrometry to determine compliance with the above referenced standard. [Referenced Test Method: ASTM F963-11 Clause 8.3.2]

Specimen No.	1	2	3	---	---	Limit
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Soluble (mg/kg)
Soluble Sb	LT 2	LT 2	LT 2	---	---	60
Soluble As	LT 2	LT 2	LT 2	---	---	25
Soluble Ba	LT 2	LT 2	2	---	---	1000
Soluble Cd	LT 2	LT 2	LT 2	---	---	75
Soluble Cr	LT 2	LT 2	LT 2	---	---	60
Soluble Hg	LT 2	LT 2	LT 2	---	---	60
Soluble Se	LT 2	LT 2	LT 2	---	---	500
Conclusion	PASS	PASS	PASS	---	---	

Note:

Sb = Antimony; As = Arsenic; Ba = Barium; Cd = Cadmium;
 Cr = Chromium; Hg = Mercury; Se = Selenium
 mg/kg = Milligrams per kilogram
 LT = Less than

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Test Report # 13H-03157
 Date of Issue: November 01, 2013
 Pages: Page 21 of 26
 Date Received: October 17, 2013

PHOTO OF FAIL COMPOSITE INK(S):



No. of Photo: 1

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Test Report # 13H-03157
 Date of Issue: November 01, 2013
 Pages: Page 22 of 26
 Date Received: October 17, 2013

PHOTO OF FAIL COMPOSITE INK(S):



No. of Photo: 2

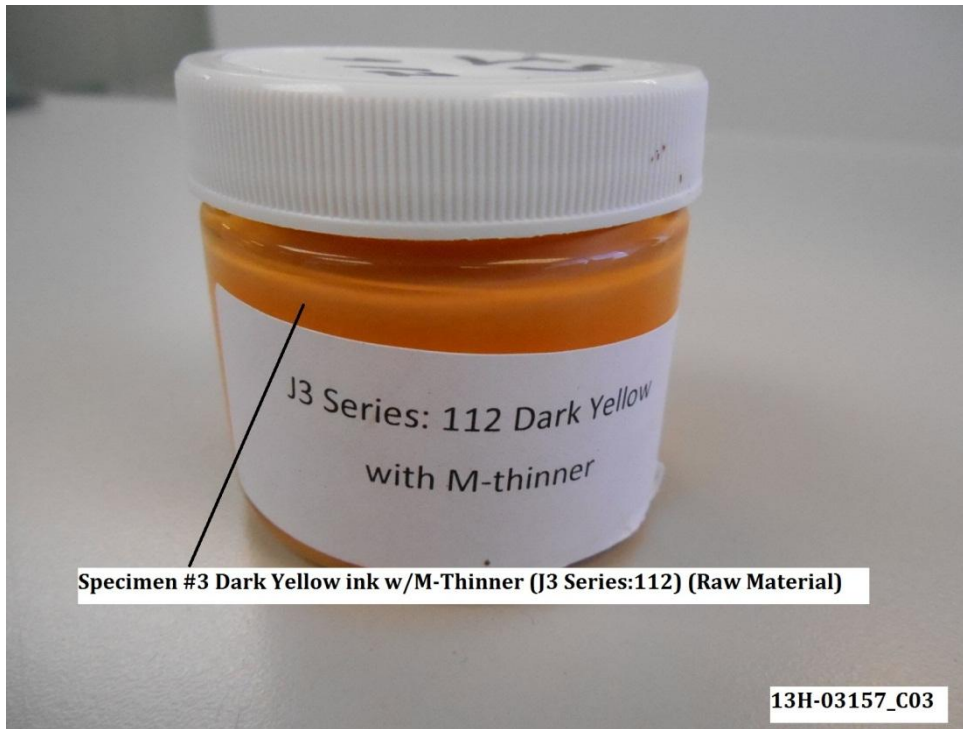
The test result(s) and conclusion(s) in this report relate to the sample(s) tested as described herein.
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Test Report # 13H-03157
Date of Issue: November 01, 2013
Pages: Page 23 of 26
Date Received: October 17, 2013

PHOTO OF FAIL INDIVIDUAL INK(S):



No. of Photo: 3

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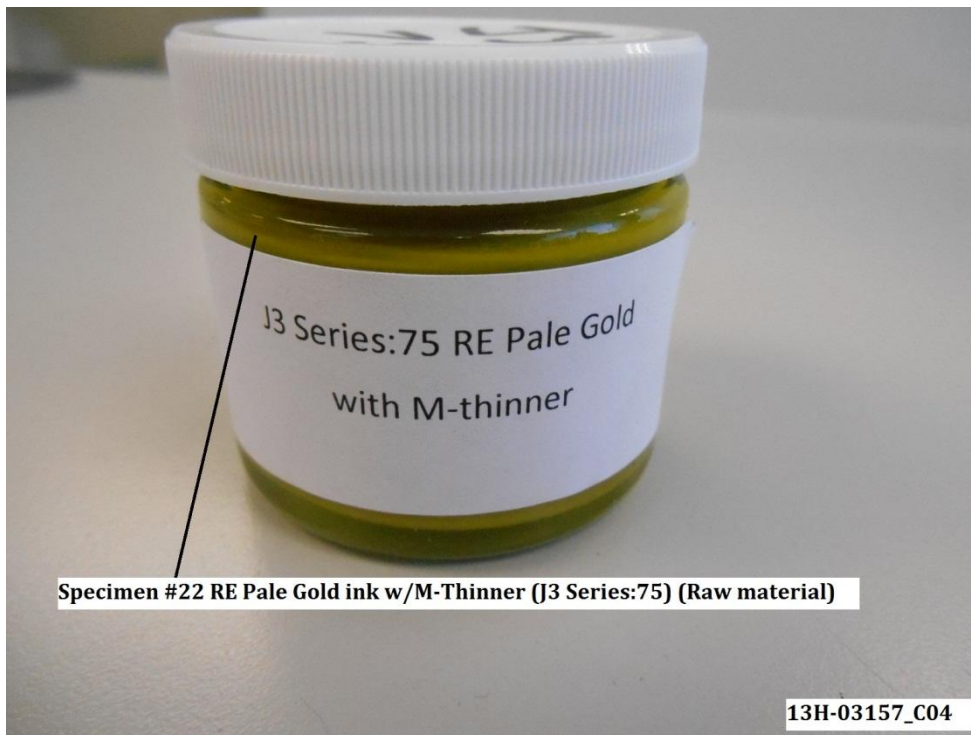
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Test Report # 13H-03157
Date of Issue: November 01, 2013
Pages: Page 24 of 26
Date Received: October 17, 2013

PHOTO OF FAIL INDIVIDUAL INK(S):



No. of Photo: 4

Quality

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Test Report # 13H-03157
Date of Issue: November 01, 2013
Pages: Page 25 of 26
Date Received: October 17, 2013

PHOTO OF FAIL INDIVIDUAL INK(S):



No. of Photo: 5

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Test Report # 13H-03157
Date of Issue: November 01, 2013
Pages: Page 26 of 26
Date Received: October 17, 2013

SAMPLE PHOTO:



-End Report-

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TEST REPORT

Company: Quality Certification Alliance
Recipient: D. Fenton
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cc to Email: -

Test Report # 13H-03208
Date of Issue: October 30, 2013
Pages: Page 1 of 18
Date Received: October 21, 2013

SAMPLE INFORMATION:

Description:	MB Series Ink	Purchase Order Number:	-
Assortment/Colors:	See Table on pg.3 & 4	Country of Distribution:	United States
Style/Batch No.:	See Table on pg.3 & 4	Country of Origin:	United States
Supplier:	Inkcups Now	Labeled Age Grade:	-
Quantity Submitted:	2 fluid oz./sample	Recommended Age Grade:	-
Date Received:	10/21/2013	Tested Age Grade:	-
Testing Period:	10/21/2013 – 10/30/2013		

OVERALL RESULT:

PASS

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

ANSECO GROUP (HK) LIMITED



Vincent Chow Wai Kit
Manager, Chemical Laboratory

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 cc to Email: -

Test Report # 13H-03208
 Date of Issue: October 30, 2013
 Pages: Page 2 of 18
 Date Received: October 21, 2013

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	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	Maryland Chapter 578 (House Bill 145), Total Cadmium in Children's Jewelry
PASS	CPSIA Section 106 & ASTM F963-11 Clause 4.3.5, Total Elements Screening in Paint and Similar Surface Coatings
PASS	CPSIA Section 106 & ASTM F963-11 Clause 4.3.5, Soluble Elements in Paints and Similar Surface Coatings
PASS	CPSIA Section 108, Phthalates Content – Mouthable (DBP, BBP, DEHP, DnOP, DINP, DIDP)
PASS	California Proposition 65, Phthalates Content (DEHP, DBP, BBP, DIDP, DnHP)
PASS	ASTM F2923-11 Clause 8, Total Elements Screening in Paint and Surface Coatings
PASS	ASTM F2923-11 Clause 8, Soluble Elements in Paint and Surface Coatings

Quality Certification Alliance

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Test Report # 13H-03208
 Date of Issue: October 30, 2013
 Pages: Page 3 of 18
 Date Received: October 21, 2013

SPECIMEN DESCRIPTION:

Specimen No.	Specimen Description	Location
1	Lemon Yellow ink w/M-Thinner & 1000-H Hardener (MB Series:110)	Raw Material
2	Orange ink w/M-Thinner & 1000-H Hardener (MB Series:115)	Raw Material
3	Medium Yellow ink w/M-Thinner & 1000-H Hardener (MB Series:111)	Raw Material
4	Ocre Yellow ink w/M-Thinner & 1000-H Hardener (MB Series:117)	Raw Material
5	Signal Red ink w/M-Thinner & 1000-H Hardener (MB Series:121)	Raw Material
6	Carmine Red ink w/M-Thinner & 1000-H Hardener (MB Series:122)	Raw Material
7	Dark Pink ink w/M-Thinner & 1000-H Hardener (MB Series:124)	Raw Material
8	Light Blue ink w/M-Thinner & 1000-H Hardener (MB Series:130)	Raw Material
9	Ultra Blue ink w/M-Thinner & 1000-H Hardener (MB Series:132)	Raw Material
10	Turquoise ink w/M-Thinner & 1000-H Hardener (MB Series:134)	Raw Material
11	Violet ink w/M-Thinner & 1000-H Hardener (MB Series:136)	Raw Material
12	Emerald Green ink w/M-Thinner & 1000-H Hardener (MB Series:142)	Raw Material
13	Bright Green ink w/M-Thinner & 1000-H Hardener (MB Series:140)	Raw Material
14	Light Brown ink w/M-Thinner & 1000-H Hardener (MB Series:150)	Raw Material
15	Dark Brown ink w/M-Thinner & 1000-H Hardener (MB Series:151)	Raw Material
16	White ink w/M-Thinner & 1000-H Hardener (MB Series:160)	Raw Material
17	Black ink w/M-Thinner & 1000-H Hardener (MB Series:165)	Raw Material
18	RE Pale Gold ink w/M-Thinner & 1000-H Hardener (MB Series:75)	Raw Material
19	RE Rich Pale Gold ink w/M-Thinner & 1000-H Hardener (MB Series:76)	Raw Material

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TEST REPORT

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Test Report # 13H-03208
Date of Issue: October 30, 2013
Pages: Page 4 of 18
Date Received: October 21, 2013

SPECIMEN DESCRIPTION:

Specimen No.	Specimen Description	Location
20	RE Rich Gold ink w/M-Thinner & 1000-H Hardener (MB Series:77)	Raw Material
21	RE Bronze ink w/M-Thinner & 1000-H Hardener (MB Series:78)	Raw Material
22	Silver ink w/M-Thinner & 1000-H Hardener (MB Series:79/050)	Raw Material

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Test Report # 13H-03208
 Date of Issue: October 30, 2013
 Pages: Page 5 of 18
 Date Received: October 21, 2013

DETAILED RESULTS:

CPSIA Section 101 & 16 CFR 1303, Total Lead in Paints & Surface Coatings

Analysis performed by Inductively Coupled Plasma Optical Emission Spectrometry to determine compliance with the above referenced regulations. [Referenced Test Method: CPSC-CH-E-1003-09.1]

Specimen No.	1+2+3	4+5+6	7+8+9	10+11+12	13+14+15	Limit Total (mg/kg)
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Total Pb	LT 10	LT 10	23	LT 10	LT 10	90
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	16+17+18	19+20	21+22	---	---	Limit Total (mg/kg)
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Total Pb	LT 10	LT 10	LT 10	---	---	90
Conclusion	PASS	PASS	PASS	---	---	

Note:

Pb = Lead
 mg/kg = Milligram per kilogram
 LT = Less Than

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Test Report # 13H-03208
 Date of Issue: October 30, 2013
 Pages: Page 6 of 18
 Date Received: October 21, 2013

DETAILED RESULTS:

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

Analysis performed by Inductively Coupled Plasma Optical Emission Spectrometry to determine compliance with the above referenced regulation. [Referenced Test Method: CPSC-CH-E1003-09.1]

Specimen No.	1+2+3	4+5+6	7+8+9	10+11+12	13+14+15	Limit
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Total (mg/kg)
Total Pb	LT 10	LT 10	23	LT 10	LT 10	40
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	16+17+18	19+20	21+22	---	---	Limit
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Total (mg/kg)
Total Pb	LT 10	LT 10	LT 10	---	---	40
Conclusion	PASS	PASS	PASS	---	---	

Note:

Pb = Lead
 mg/kg = Milligrams per kilogram
 LT = Less than

Remark:

A warning statement that indicates that at least one component part of the item contains lead is required for a total lead content in any component part of the item that is more than 40mg/kg but less than a standard for lead content as may be established by federal or State law or regulation.

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Test Report # 13H-03208
 Date of Issue: October 30, 2013
 Pages: Page 7 of 18
 Date Received: October 21, 2013

DETAILED RESULTS:

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

Analysis performed by Inductively Coupled Plasma Spectroscopy to determine compliance with the above referenced regulation. [Referenced Test Method: ASTM F963-11 Clause 8.3.1]

Specimen No.	1+2+3	4+5+6	7+8+9	10+11+12	13+14+15	Limit
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Total (mg/kg)
Total Cd	LT 10	LT 10	LT 10	LT 10	LT 10	75
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	16+17+18	19+20	21+22	---	---	Limit
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Total (mg/kg)
Total Cd	LT 10	LT 10	LT 10	---	---	75
Conclusion	PASS	PASS	PASS	---	---	

Note:

Cd = Cadmium
 mg/kg = Milligram per kilogram
 LT = Less Than

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Test Report # 13H-03208
 Date of Issue: October 30, 2013
 Pages: Page 8 of 18
 Date Received: October 21, 2013

DETAILED RESULTS:

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

Analysis performed by Inductively Coupled Plasma Spectroscopy to determine compliance with the above referenced regulation. [Referenced Test Method: ASTM F963-11 Clause 8.3.1]

Specimen No.	1+2+3	4+5+6	7+8+9	10+11+12	13+14+15	Limit
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Total (mg/kg)
Total Cd	LT 10	LT 10	LT 10	LT 10	LT 10	75
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	16+17+18	19+20	21+22	---	---	Limit
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Total (mg/kg)
Total Cd	LT 10	LT 10	LT 10	---	---	75
Conclusion	PASS	PASS	PASS	---	---	

Note:

Cd = Cadmium
 mg/kg = Milligram per kilogram
 LT = Less Than

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Test Report # 13H-03208
 Date of Issue: October 30, 2013
 Pages: Page 9 of 18
 Date Received: October 21, 2013

DETAILED RESULTS:

CPSIA Section 106 & ASTM F963-11 Clause 4.3.5, Total Elements Screening in Paint and Similar Surface Coatings

Analysis performed by Inductively Coupled Plasma Optical Emission Spectrometry to determine compliance with the above referenced regulation and standard. [Referenced Test Method: ASTM F963-11 Clause 8.3.1]

Specimen No.	1+2+3	4+5+6	7+8+9	10+11+12	13+14+15	Limit
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Soluble (mg/kg)
Total Sb	LT 10	LT 10	LT 10	LT 10	LT 10	60
Total As	LT 10	LT 10	LT 10	LT 10	LT 10	25
Total Ba	74	79	30	LT 10	3300*	1000
Total Cd	LT 10	LT 10	LT 10	LT 10	LT 10	75
Total Cr	LT 10	LT 10	LT 10	LT 10	12	60
Total Pb	LT 10	LT 10	23	LT 10	LT 10	90
Total Hg	LT 10	LT 10	LT 10	LT 10	LT 10	60
Total Se	LT 25	LT 25	LT 25	LT 25	LT 25	500
Conclusion	PASS	PASS	PASS	PASS	Refer to Soluble Result	

Note:

Sb = Antimony; As = Arsenic; Ba = Barium; Cd = Cadmium;
 Cr = Chromium; Pb = Lead; Hg = Mercury; Se = Selenium
 mg/kg = Milligram per kilogram
 LT = Less Than

Remark:

*The total heavy metals screening results exceeded the soluble heavy metal limits, therefore a separate soluble analysis was conducted.

The test result(s) and conclusion(s) in this report relate to the sample(s) tested as described herein.

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Test Report # 13H-03208
 Date of Issue: October 30, 2013
 Pages: Page 10 of 18
 Date Received: October 21, 2013

DETAILED RESULTS:

CPSIA Section 106 & ASTM F963-11 Clause 4.3.5, Total Elements Screening in Paint and Similar Surface Coatings

Analysis performed by Inductively Coupled Plasma Optical Emission Spectrometry to determine compliance with the above referenced regulation and standard. [Referenced Test Method: ASTM F963-11 Clause 8.3.1]

Specimen No.	16+17+18	19+20	21+22	---	---	Limit
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Soluble (mg/kg)
Total Sb	LT 10	LT 10	LT 10	---	---	60
Total As	LT 10	LT 10	LT 10	---	---	25
Total Ba	LT 10	LT 10	LT 10	---	---	1000
Total Cd	LT 10	LT 10	LT 10	---	---	75
Total Cr	LT 10	LT 10	LT 10	---	---	60
Total Pb	LT 10	LT 10	LT 10	---	---	90
Total Hg	LT 10	LT 10	LT 10	---	---	60
Total Se	LT 25	LT 25	LT 25	---	---	500
Conclusion	PASS	PASS	PASS	---	---	

Note:

Sb = Antimony; As = Arsenic; Ba = Barium; Cd = Cadmium;
 Cr = Chromium; Pb = Lead; Hg = Mercury; Se = Selenium
 mg/kg = Milligram per kilogram
 LT = Less Than

Remark:

The total heavy metals screening results do not exceed the soluble heavy metal limits, therefore, further soluble analyses were not conducted.

The test result(s) and conclusion(s) in this report relate to the sample(s) tested as described herein.

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Test Report # 13H-03208
 Date of Issue: October 30, 2013
 Pages: Page 11 of 18
 Date Received: October 21, 2013

DETAILED RESULTS:

CPSIA Section 106 & ASTM F963-11 Clause 4.3.5, Soluble Elements in Paints and Similar Surface Coatings

Analysis performed by Inductively Coupled Plasma Optical Emission Spectrometry to determine compliance with the above referenced regulation and standard. [Referenced Test Method: ASTM F963-11 Clause 8.3.2]

Specimen No.	13	14	15	---	---	Limit
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Soluble (mg/kg)
Soluble Sb	LT 2	LT 2	LT 2	---	---	60
Soluble As	LT 2	LT 2	LT 2	---	---	25
Soluble Ba	LT 2	LT 2	LT 2	---	---	1000
Soluble Cd	LT 2	LT 2	LT 2	---	---	75
Soluble Cr	LT 2	LT 2	LT 2	---	---	60
Soluble Pb	LT 2	LT 2	LT 2	---	---	90
Soluble Hg	LT 2	LT 2	LT 2	---	---	60
Soluble Se	LT 2	LT 2	LT 2	---	---	500
Conclusion	PASS	PASS	PASS	---	---	

Note:

Sb = Antimony; As = Arsenic; Ba = Barium; Cd = Cadmium;
 Cr = Chromium; Pb = Lead; Hg = Mercury; Se = Selenium
 mg/kg = Milligram per kilogram
 LT = Less Than

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Test Report # 13H-03208
 Date of Issue: October 30, 2013
 Pages: Page 12 of 18
 Date Received: October 21, 2013

DETAILED RESULTS:

CPSIA Section 108, Phthalates – Mouthable (DBP, BBP, DEHP, DnOP, DINP, DIDP)

Analysis performed by Gas Chromatography/Mass Spectrometry to determine compliance with the above referenced regulation. [Referenced Test Method: CPSC-CH-C1001-09.3]

Specimen No.	1+2+3	4+5+6	7+8+9	10+11+12	13+14+15	Limit (% w/w)
Test Item	Result (% w/w)	Result (% w/w)	Result (% w/w)	Result (% w/w)	Result (% w/w)	
DBP	LT 0.012	LT 0.012	LT 0.012	LT 0.012	LT 0.012	0.1
BBP	LT 0.012	LT 0.012	LT 0.012	LT 0.012	LT 0.012	0.1
DEHP	LT 0.012	LT 0.012	LT 0.012	LT 0.012	LT 0.012	0.1
DnOP	LT 0.012	LT 0.012	LT 0.012	LT 0.012	LT 0.012	0.1
DINP	LT 0.012	0.018	0.051	LT 0.012	0.019	0.1
DIDP	LT 0.012	LT 0.012	LT 0.012	LT 0.012	LT 0.012	0.1
Conclusion	PASS	PASS	PASS	PASS	PASS	

Note:

DBP = Dibutyl phthalate; BBP = Benzyl butyl phthalate; DEHP = Di-(2-ethylhexyl) phthalate
 DnOP = Di-n-octyl phthalate; DINP = Diisononyl phthalate; DIDP = Diisodecyl phthalate
 % w/w = Percentage by weight
 LT = Less Than

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Test Report # 13H-03208
 Date of Issue: October 30, 2013
 Pages: Page 13 of 18
 Date Received: October 21, 2013

DETAILED RESULTS:

CPSIA Section 108, Phthalates – Mouthable (DBP, BBP, DEHP, DnOP, DINP, DIDP)

Analysis performed by Gas Chromatography/Mass Spectrometry to determine compliance with the above referenced regulation. [Referenced Test Method: CPSC-CH-C1001-09.3]

Specimen No.	16+17+18	19+20	21+22	---	---	Limit (% w/w)
Test Item	Result (% w/w)	Result (% w/w)	Result (% w/w)	Result (% w/w)	Result (% w/w)	
DBP	LT 0.012	LT 0.012	LT 0.012	---	---	0.1
BBP	LT 0.012	LT 0.012	LT 0.012	---	---	0.1
DEHP	LT 0.012	LT 0.012	LT 0.012	---	---	0.1
DnOP	LT 0.012	LT 0.012	LT 0.012	---	---	0.1
DINP	LT 0.012	LT 0.012	LT 0.012	---	---	0.1
DIDP	LT 0.012	LT 0.012	LT 0.012	---	---	0.1
Conclusion	PASS	PASS	PASS	---	---	

Note:

DBP = Dibutyl phthalate; BBP = Benzyl butyl phthalate; DEHP = Di-(2-ethylhexyl) phthalate
 DnOP = Di-n-octyl phthalate; DINP = Diisononyl phthalate; DIDP = Diisodecyl phthalate
 % w/w = Percentage by weight
 LT = Less Than

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Test Report # 13H-03208
 Date of Issue: October 30, 2013
 Pages: Page 14 of 18
 Date Received: October 21, 2013

DETAILED RESULTS:

California Proposition 65, Phthalates (DEHP, DBP, BBP, DIDP, DnHP)

Analysis performed by Gas Chromatography/Mass Spectrometry to determine compliance with the above referenced regulation. [Referenced Test Method: CPSC-CH-C1001-09.3]

Specimen No.	1+2+3	4+5+6	7+8+9	10+11+12	13+14+15	Limit (% w/w)
Test Item	Result (% w/w)	Result (% w/w)	Result (% w/w)	Result (% w/w)	Result (% w/w)	
DBP	LT 0.012	LT 0.012	LT 0.012	LT 0.012	LT 0.012	0.1
BBP	LT 0.012	LT 0.012	LT 0.012	LT 0.012	LT 0.012	0.1
DEHP	LT 0.012	LT 0.012	LT 0.012	LT 0.012	LT 0.012	0.1
DIDP	LT 0.012	LT 0.012	LT 0.012	LT 0.012	LT 0.012	0.1
DnHP	LT 0.012	LT 0.012	LT 0.012	LT 0.012	LT 0.012	0.1
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	16+17+18	19+20	21+22	---	---	Limit (% w/w)
Test Item	Result (% w/w)	Result (% w/w)	Result (% w/w)	Result (% w/w)	Result (% w/w)	
DBP	LT 0.012	LT 0.012	LT 0.012	---	---	0.1
BBP	LT 0.012	LT 0.012	LT 0.012	---	---	0.1
DEHP	LT 0.012	LT 0.012	LT 0.012	---	---	0.1
DIDP	LT 0.012	LT 0.012	LT 0.012	---	---	0.1
DnHP	LT 0.012	LT 0.012	LT 0.012	---	---	0.1
Conclusion	PASS	PASS	PASS	---	---	

Note:

DBP = Dibutyl phthalate; BBP = Benzyl butyl phthalate; DEHP = Di-(2-ethylhexyl) phthalate
 DIDP = Diisodecyl phthalate; DnHP = Di-n-hexyl phthalate
 %w/w = Percentage by weight
 LT = Less Than

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Test Report # 13H-03208
 Date of Issue: October 30, 2013
 Pages: Page 15 of 18
 Date Received: October 21, 2013

DETAILED RESULTS:

ASTM F2923-11 Clause 8, Total Elements Screening in Paint and Surface Coatings

Analysis performed by Inductively Coupled Plasma Optical Emission Spectrometry to determine compliance with the above referenced standard. [Referenced Test Method: ASTM F963-11 Clause 8.3.1]

Specimen No.	1+2+3	4+5+6	7+8+9	10+11+12	13+14+15	Limit
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Total (mg/kg)
Total Sb	LT 10	LT 10	LT 10	LT 10	LT 10	60
Total As	LT 10	LT 10	LT 10	LT 10	LT 10	25
Total Ba	74	79	30	LT 10	3300*	1000
Total Cd	LT 10	LT 10	LT 10	LT 10	LT 10	75
Total Cr	LT 10	LT 10	LT 10	LT 10	12	60
Total Hg	LT 10	LT 10	LT 10	LT 10	LT 10	60
Total Se	LT 25	LT 25	LT 25	LT 25	LT 25	500
Conclusion	PASS	PASS	PASS	PASS	Refer to Soluble Result	

Note:

Sb = Antimony; As = Arsenic; Ba = Barium; Cd = Cadmium;
 Cr = Chromium; Hg = Mercury; Se = Selenium
 mg/kg = Milligrams per kilogram
 LT = Less than

Remark:

*The total heavy metals screening results exceeded the soluble heavy metal limits, therefore a separate soluble analysis was conducted.

The test result(s) and conclusion(s) in this report relate to the sample(s) tested as described herein.

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 Date Received: October 21, 2013

DETAILED RESULTS:

ASTM F2923-11 Clause 8, Total Elements Screening in Paint and Surface Coatings

Analysis performed by Inductively Coupled Plasma Optical Emission Spectrometry to determine compliance with the above referenced standard. [Referenced Test Method: ASTM F963-11 Clause 8.3.1]

Specimen No.	16+17+18	19+20	21+22	---	---	Limit
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Total (mg/kg)
Total Sb	LT 10	LT 10	LT 10	---	---	60
Total As	LT 10	LT 10	LT 10	---	---	25
Total Ba	LT 10	LT 10	LT 10	---	---	1000
Total Cd	LT 10	LT 10	LT 10	---	---	75
Total Cr	LT 10	LT 10	LT 10	---	---	60
Total Hg	LT 10	LT 10	LT 10	---	---	60
Total Se	LT 25	LT 25	LT 25	---	---	500
Conclusion	PASS	PASS	PASS	---	---	

Note:

Sb = Antimony; As = Arsenic; Ba = Barium; Cd = Cadmium;
 Cr = Chromium; Hg = Mercury; Se = Selenium
 mg/kg = Milligrams per kilogram
 LT = Less than

Remark:

The total heavy metals screening results do not exceed the soluble heavy metal limits, therefore, further soluble analyses were not conducted.

The test result(s) and conclusion(s) in this report relate to the sample(s) tested as described herein.

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Test Report # 13H-03208
 Date of Issue: October 30, 2013
 Pages: Page 17 of 18
 Date Received: October 21, 2013

DETAILED RESULTS:

ASTM F2923-11 Clause 8, Soluble Elements in Paint and Surface Coatings

Analysis performed by Inductively Coupled Plasma Optical Emission Spectrometry to determine compliance with the above referenced standard. [Referenced Test Method: ASTM F963-11 Clause 8.3.2]

Specimen No.	13	14	15	---	---	Limit
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Soluble (mg/kg)
Soluble Sb	LT 2	LT 2	LT 2	---	---	60
Soluble As	LT 2	LT 2	LT 2	---	---	25
Soluble Ba	LT 2	LT 2	LT 2	---	---	1000
Soluble Cd	LT 2	LT 2	LT 2	---	---	75
Soluble Cr	LT 2	LT 2	LT 2	---	---	60
Soluble Hg	LT 2	LT 2	LT 2	---	---	60
Soluble Se	LT 2	LT 2	LT 2	---	---	500
Conclusion	PASS	PASS	PASS	---	---	

Note:

Sb = Antimony; As = Arsenic; Ba = Barium; Cd = Cadmium;
 Cr = Chromium; Hg = Mercury; Se = Selenium
 mg/kg = Milligrams per kilogram
 LT = Less than

Quality Alliance

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TEST REPORT

Company: Quality Certification Alliance
Recipient: D. Fenton
Recipient Email: dfenton@qcalliance.org
cc to Email: -

Test Report # 13H-03208
Date of Issue: October 30, 2013
Pages: Page 18 of 18
Date Received: October 21, 2013

SAMPLE PHOTO:



-End Report-

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TEST REPORT

Company: Quality Certification Alliance
Recipient: D. Fenton
Recipient Email: dfenton@qcalliance.org
cc to Email: -

Test Report # 13H-03139
Date of Issue: October 28, 2013
Pages: Page 1 of 18
Date Received: October 16, 2013

SAMPLE INFORMATION:

Description:	SB Series ink	Purchase Order Number:	-
Assortment/Colors:	See Table on pg.3 & 4	Country of Distribution:	United States
Style/Batch No.:	See Table on pg.3 & 4	Country of Origin:	United States
Supplier:	Inkcups Now	Labeled Age Grade:	-
Quantity Submitted:	2 fluid oz./sample	Recommended Age Grade:	-
Date Received:	10/16/2013	Tested Age Grade:	-
Testing Period:	10/16/2013 – 10/28/2013		

OVERALL RESULT:

PASS

ANSECO GROUP (HK) LIMITED



Vincent Chow Wai Kit
Manager, Chemical Laboratory

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TEST REPORT

Company: Quality Certification Alliance
 Recipient: D. Fenton
 Recipient Email: dfenton@qcalliance.org
 cc to Email: -

Test Report # 13H-03139
 Date of Issue: October 28, 2013
 Pages: Page 2 of 18
 Date Received: October 16, 2013

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	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	Maryland Chapter 578 (House Bill 145), Total Cadmium in Children's Jewelry
PASS	CPSIA Section 106 & ASTM F963-11 Clause 4.3.5, Total Elements Screening in Paint and Similar Surface Coatings
PASS	CPSIA Section 106 & ASTM F963-11 Clause 4.3.5, Soluble Elements in Paints and Similar Surface Coatings
PASS	CPSIA Section 108, Phthalates Content – Mouthable (DBP, BBP, DEHP, DnOP, DINP, DIDP)
PASS	California Proposition 65, Phthalates Content (DEHP, DBP, BBP, DIDP, DnHP)
PASS	ASTM F2923-11 Clause 8, Total Elements Screening in Paint and Surface Coatings
PASS	ASTM F2923-11 Clause 8, Soluble Elements in Paint and Surface Coatings

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 cc to Email: -

Test Report # 13H-03139
 Date of Issue: October 28, 2013
 Pages: Page 3 of 18
 Date Received: October 16, 2013

SPECIMEN DESCRIPTION:

Specimen No.	Specimen Description	Location
1	Lemon Yellow ink w/M-Thinner (SB Series:110)	Raw Material
2	Medium Yellow ink w/M-Thinner (SB Series:111)	Raw Material
3	Dark yellow ink w/M-Thinner (SB Series:112)	Raw Material
4	Orange ink w/M-Thinner (SB Series:115)	Raw Material
5	Bright red ink w/M-Thinner (SB Series:120)	Raw Material
6	Ocre Yellow ink w/M-Thinner (SB Series:117)	Raw Material
7	Signal Red ink w/M-Thinner (SB Series:121)	Raw Material
8	Carmine Red ink w/M-Thinner (SB Series:122)	Raw Material
9	Dark Pink ink w/M-Thinner (SB Series:124)	Raw Material
10	Light Blue ink w/M-Thinner (SB Series:130)	Raw Material
11	Ultra Blue ink w/M-Thinner (SB Series:132)	Raw Material
12	Dark Blue ink w/M-Thinner (SB Series:133)	Raw Material
13	Turquoise ink w/M-Thinner (SB Series:134)	Raw Material
14	Violet ink w/M-Thinner (SB Series:136)	Raw Material
15	Reflex Blue ink w/M-Thinner (SB Series:139)	Raw Material
16	Dark Green ink w/M-Thinner (SB Series:141)	Raw Material
17	Emerald Green ink w/M-Thinner (SB Series:142)	Raw Material
18	Light Brown ink w/M-Thinner (SB Series:150)	Raw Material
19	White ink w/M-Thinner (SB Series:160)	Raw Material
20	Black ink w/M-Thinner (SB Series:165)	Raw Material
21	RE Pale Gold ink w/M-Thinner (SB Series:75)	Raw Material
22	RE Rich Gold ink w/M-Thinner (SB Series:77)	Raw Material
23	RE Rich Pale Gold ink w/M-Thinner (SB Series:76)	Raw Material
24	RE Bronze ink w/M-Thinner (SB Series:78)	Raw Material

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TEST REPORT

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cc to Email: -

Test Report # 13H-03139
Date of Issue: October 28, 2013
Pages: Page 4 of 18
Date Received: October 16, 2013

SPECIMEN DESCRIPTION:

Specimen No.	Specimen Description	Location
25	Super Silver ink w/M-Thinner (SB Series)	Raw Material
26	Super White ink w/M-Thinner (SB Series)	Raw Material
27	Cool Grey #6 ink w/M-Thinner (SB Series)	Raw Material
28	FB Blue ink w/M-Thinner (SB Series)	Raw Material
29	PMS 295 ink w/M-Thinner (SB Series)	Raw Material
30	Cool Grey #9 ink w/M-Thinner (SB Series)	Raw Material

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TEST REPORT

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 cc to Email: -

Test Report # 13H-03139
 Date of Issue: October 28, 2013
 Pages: Page 5 of 18
 Date Received: October 16, 2013

DETAILED RESULTS:

CPSIA Section 101 & 16 CFR 1303, Total Lead in Paints & Surface Coatings

Analysis performed by Inductively Coupled Plasma Optical Emission Spectrometry to determine compliance with the above referenced regulations. [Referenced Test Method: CPSC-CH-E-1003-09.1]

Specimen No.	1+2+3	4+5+6	7+8+9	10+11+12	13+14+15	Limit Total (mg/kg)
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Total Pb	LT 10	LT 10	LT 10	29	14	90
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	16+17+18	19+20+21	22+23+24	25+26+27	28+29+30	Limit Total (mg/kg)
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Total Pb	14	LT 10	LT 10	LT 10	19	90
Conclusion	PASS	PASS	PASS	PASS	PASS	

Note:

Pb = Lead

mg/kg = Milligram per kilogram

LT = Less Than

Quality Certification Alliance

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 cc to Email: -

Test Report # 13H-03139
 Date of Issue: October 28, 2013
 Pages: Page 6 of 18
 Date Received: October 16, 2013

DETAILED RESULTS:

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

Analysis performed by Inductively Coupled Plasma Optical Emission Spectrometry to determine compliance with the above referenced regulation. [Referenced Test Method: CPSC-CH-E1003-09.1]

Specimen No.	1+2+3	4+5+6	7+8+9	10+11+12	13+14+15	Limit
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Total (mg/kg)
Total Pb	LT 10	LT 10	LT 10	29	14	40
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	16+17+18	19+20+21	22+23+24	25+26+27	28+29+30	Limit
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Total (mg/kg)
Total Pb	14	LT 10	LT 10	LT 10	19	40
Conclusion	PASS	PASS	PASS	PASS	PASS	

Note:

Pb = Lead
 mg/kg = Milligrams per kilogram
 LT = Less than

Remark:

A warning statement that indicates that at least one component part of the item contains lead is required for a total lead content in any component part of the item that is more than 40mg/kg but less than a standard for lead content as may be established by federal or State law or regulation.

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 cc to Email: -

Test Report # 13H-03139
 Date of Issue: October 28, 2013
 Pages: Page 7 of 18
 Date Received: October 16, 2013

DETAILED RESULTS:

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

Analysis performed by Inductively Coupled Plasma Spectroscopy to determine compliance with the above referenced regulation. [Referenced Test Method: ASTM F963-11 Clause 8.3.1]

Specimen No.	1+2+3	4+5+6	7+8+9	10+11+12	13+14+15	Limit
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Total (mg/kg)
Total Cd	LT 10	LT 10	LT 10	LT 10	LT 10	75
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	16+17+18	19+20+21	22+23+24	25+26+27	28+29+30	Limit
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Total (mg/kg)
Total Cd	LT 10	LT 10	LT 10	LT 10	LT 10	75
Conclusion	PASS	PASS	PASS	PASS	PASS	

Note:

Cd = Cadmium
 mg/kg = Milligram per kilogram
 LT = Less Than

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TEST REPORT

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 cc to Email: -

Test Report # 13H-03139
 Date of Issue: October 28, 2013
 Pages: Page 8 of 18
 Date Received: October 16, 2013

DETAILED RESULTS:

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

Analysis performed by Inductively Coupled Plasma Spectroscopy to determine compliance with the above referenced regulation. [Referenced Test Method: ASTM F963-11 Clause 8.3.1]

Specimen No.	1+2+3	4+5+6	7+8+9	10+11+12	13+14+15	Limit
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Total (mg/kg)
Total Cd	LT 10	LT 10	LT 10	LT 10	LT 10	75
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	16+17+18	19+20+21	22+23+24	25+26+27	28+29+30	Limit
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Total (mg/kg)
Total Cd	LT 10	LT 10	LT 10	LT 10	LT 10	75
Conclusion	PASS	PASS	PASS	PASS	PASS	

Note:

Cd = Cadmium
 mg/kg = Milligram per kilogram
 LT = Less Than

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TEST REPORT

Company: Quality Certification Alliance
 Recipient: D. Fenton
 Recipient Email: dfenton@qcalliance.org
 cc to Email: -

Test Report # 13H-03139
 Date of Issue: October 28, 2013
 Pages: Page 9 of 18
 Date Received: October 16, 2013

DETAILED RESULTS:

CPSIA Section 106 & ASTM F963-11 Clause 4.3.5, Total Elements Screening in Paint and Similar Surface Coatings

Analysis performed by Inductively Coupled Plasma Optical Emission Spectrometry to determine compliance with the above referenced regulation and standard. [Referenced Test Method: ASTM F963-11 Clause 8.3.1]

Specimen No.	1+2+3	4+5+6	7+8+9	10+11+12	13+14+15	Limit Soluble (mg/kg)
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Total Sb	LT 10	LT 10	LT 10	LT 10	LT 10	60
Total As	LT 10	LT 10	LT 10	LT 10	LT 10	25
Total Ba	14	16	26	220	270	1000
Total Cd	LT 10	LT 10	LT 10	LT 10	LT 10	75
Total Cr	LT 10	LT 10	LT 10	LT 10	LT 10	60
Total Pb	LT 10	LT 10	LT 10	29	14	90
Total Hg	LT 10	LT 10	LT 10	LT 10	LT 10	60
Total Se	LT 25	LT 25	LT 25	LT 25	LT 25	500
Conclusion	PASS	PASS	PASS	PASS	PASS	

Note:

Sb = Antimony; As = Arsenic; Ba = Barium; Cd = Cadmium;
 Cr = Chromium; Pb = Lead; Hg = Mercury; Se = Selenium
 mg/kg = Milligram per kilogram
 LT = Less Than

Remark:

The total heavy metals screening results do not exceed the soluble heavy metal limits, therefore, further soluble analyses were not conducted.

The test result(s) and conclusion(s) in this report relate to the sample(s) tested as described herein.

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TEST REPORT

Company: Quality Certification Alliance
 Recipient: D. Fenton
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 cc to Email: -

Test Report # 13H-03139
 Date of Issue: October 28, 2013
 Pages: Page 10 of 18
 Date Received: October 16, 2013

DETAILED RESULTS:

CPSIA Section 106 & ASTM F963-11 Clause 4.3.5, Total Elements Screening in Paint and Similar Surface Coatings

Analysis performed by Inductively Coupled Plasma Optical Emission Spectrometry to determine compliance with the above referenced regulation and standard. [Referenced Test Method: ASTM F963-11 Clause 8.3.1]

Specimen No.	16+17+18	19+20+21	22+23+24	25+26+27	28+29+30	Limit Soluble (mg/kg)
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Total Sb	LT 10	LT 10	LT 10	LT 10	LT 10	60
Total As	LT 10	LT 10	LT 10	LT 10	LT 10	25
Total Ba	2300*	130	12	LT 10	130	1000
Total Cd	LT 10	LT 10	LT 10	LT 10	LT 10	75
Total Cr	LT 10	LT 10	LT 10	LT 10	LT 10	60
Total Pb	14	LT 10	LT 10	LT 10	19	90
Total Hg	LT 10	LT 10	LT 10	LT 10	LT 10	60
Total Se	LT 25	LT 25	LT 25	LT 25	LT 25	500
Conclusion	Refer to Soluble Result	PASS	PASS	PASS	PASS	

Note:

Sb = Antimony; As = Arsenic; Ba = Barium; Cd = Cadmium;
 Cr = Chromium; Pb = Lead; Hg = Mercury; Se = Selenium
 mg/kg = Milligram per kilogram
 LT = Less Than

Remark:

*The total heavy metals screening results exceeded the soluble heavy metal limits, therefore a separate soluble analysis was conducted.

The test result(s) and conclusion(s) in this report relate to the sample(s) tested as described herein.

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TEST REPORT

Company: Quality Certification Alliance
 Recipient: D. Fenton
 Recipient Email: dfenton@qcalliance.org
 cc to Email: -

Test Report # 13H-03139
 Date of Issue: October 28, 2013
 Pages: Page 11 of 18
 Date Received: October 16, 2013

DETAILED RESULTS:

CPSIA Section 106 & ASTM F963-11 Clause 4.3.5, Soluble Elements in Paints and Similar Surface Coatings

Analysis performed by Inductively Coupled Plasma Optical Emission Spectrometry to determine compliance with the above referenced regulation and standard. [Referenced Test Method: ASTM F963-11 Clause 8.3.2]

Specimen No.	16	17	18	---	---	Limit
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Soluble (mg/kg)
Soluble Sb	LT 2	LT 2	LT 2	---	---	60
Soluble As	LT 2	LT 2	LT 2	---	---	25
Soluble Ba	LT 2	LT 2	5	---	---	1000
Soluble Cd	LT 2	LT 2	LT 2	---	---	75
Soluble Cr	LT 2	LT 2	LT 2	---	---	60
Soluble Pb	LT 2	LT 2	LT 2	---	---	90
Soluble Hg	LT 2	LT 2	LT 2	---	---	60
Soluble Se	LT 2	LT 2	LT 2	---	---	500
Conclusion	PASS	PASS	PASS	---	---	

Note:

Sb = Antimony; As = Arsenic; Ba = Barium; Cd = Cadmium;
 Cr = Chromium; Pb = Lead; Hg = Mercury; Se = Selenium
 mg/kg = Milligram per kilogram
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 cc to Email: -

Test Report # 13H-03139
 Date of Issue: October 28, 2013
 Pages: Page 12 of 18
 Date Received: October 16, 2013

DETAILED RESULTS:

CPSIA Section 108, Phthalates – Mouthable (DBP, BBP, DEHP, DnOP, DINP, DIDP)

Analysis performed by Gas Chromatography/Mass Spectrometry to determine compliance with the above referenced regulation. [Referenced Test Method: CPSC-CH-C1001-09.3]

Specimen No.	1+2+3	4+5+6	7+8+9	10+11+12	13+14+15	Limit (% w/w)
Test Item	Result (% w/w)	Result (% w/w)	Result (% w/w)	Result (% w/w)	Result (% w/w)	
DBP	LT 0.012	LT 0.012	LT 0.012	LT 0.012	LT 0.012	0.1
BBP	LT 0.012	LT 0.012	LT 0.012	LT 0.012	LT 0.012	0.1
DEHP	LT 0.012	LT 0.012	LT 0.012	LT 0.012	LT 0.012	0.1
DnOP	LT 0.012	LT 0.012	LT 0.012	LT 0.012	LT 0.012	0.1
DINP	LT 0.012	LT 0.012	LT 0.012	LT 0.012	LT 0.012	0.1
DIDP	LT 0.012	LT 0.012	LT 0.012	LT 0.012	LT 0.012	0.1
Conclusion	PASS	PASS	PASS	PASS	PASS	

Note:

DBP = Dibutyl phthalate; BBP = Benzyl butyl phthalate; DEHP = Di-(2-ethylhexyl) phthalate
 DnOP = Di-n-octyl phthalate; DINP = Diisononyl phthalate; DIDP = Diisodecyl phthalate
 % w/w = Percentage by weight
 LT = Less Than

Quality Certification Alliance

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Test Report # 13H-03139
 Date of Issue: October 28, 2013
 Pages: Page 13 of 18
 Date Received: October 16, 2013

DETAILED RESULTS:

CPSIA Section 108, Phthalates – Mouthable (DBP, BBP, DEHP, DnOP, DINP, DIDP)

Analysis performed by Gas Chromatography/Mass Spectrometry to determine compliance with the above referenced regulation. [Referenced Test Method: CPSC-CH-C1001-09.3]

Specimen No.	16+17+18	19+20+21	22+23+24	25+26+27	28+29+30	Limit (% w/w)
Test Item	Result (% w/w)	Result (% w/w)	Result (% w/w)	Result (% w/w)	Result (% w/w)	
DBP	LT 0.012	LT 0.012	LT 0.012	LT 0.012	LT 0.012	0.1
BBP	LT 0.012	LT 0.012	LT 0.012	LT 0.012	LT 0.012	0.1
DEHP	LT 0.012	LT 0.012	LT 0.012	LT 0.012	LT 0.012	0.1
DnOP	LT 0.012	LT 0.012	LT 0.012	LT 0.012	LT 0.012	0.1
DINP	LT 0.012	LT 0.012	0.021	LT 0.012	LT 0.012	0.1
DIDP	LT 0.012	LT 0.012	LT 0.012	LT 0.012	LT 0.012	0.1
Conclusion	PASS	PASS	PASS	PASS	PASS	

Note:

DBP = Dibutyl phthalate; BBP = Benzyl butyl phthalate; DEHP = Di-(2-ethylhexyl) phthalate
 DnOP = Di-n-octyl phthalate; DINP = Diisononyl phthalate; DIDP = Diisodecyl phthalate
 % w/w = Percentage by weight
 LT = Less Than

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 cc to Email: -

Test Report # 13H-03139
 Date of Issue: October 28, 2013
 Pages: Page 14 of 18
 Date Received: October 16, 2013

DETAILED RESULTS:

California Proposition 65, Phthalates (DEHP, DBP, BBP, DIDP, DnHP)

Analysis performed by Gas Chromatography/Mass Spectrometry to determine compliance with the above referenced regulation. [Referenced Test Method: CPSC-CH-C1001-09.3]

Specimen No.	1+2+3	4+5+6	7+8+9	10+11+12	13+14+15	Limit (% w/w)
Test Item	Result (% w/w)	Result (% w/w)	Result (% w/w)	Result (% w/w)	Result (% w/w)	
DBP	LT 0.012	LT 0.012	LT 0.012	LT 0.012	LT 0.012	0.1
BBP	LT 0.012	LT 0.012	LT 0.012	LT 0.012	LT 0.012	0.1
DEHP	LT 0.012	LT 0.012	LT 0.012	LT 0.012	LT 0.012	0.1
DIDP	LT 0.012	LT 0.012	LT 0.012	LT 0.012	LT 0.012	0.1
DnHP	LT 0.012	LT 0.012	LT 0.012	LT 0.012	LT 0.012	0.1
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	16+17+18	19+20+21	22+23+24	25+26+27	28+29+30	Limit (% w/w)
Test Item	Result (% w/w)	Result (% w/w)	Result (% w/w)	Result (% w/w)	Result (% w/w)	
DBP	LT 0.012	LT 0.012	LT 0.012	LT 0.012	LT 0.012	0.1
BBP	LT 0.012	LT 0.012	LT 0.012	LT 0.012	LT 0.012	0.1
DEHP	LT 0.012	LT 0.012	LT 0.012	LT 0.012	LT 0.012	0.1
DIDP	LT 0.012	LT 0.012	LT 0.012	LT 0.012	LT 0.012	0.1
DnHP	LT 0.012	LT 0.012	LT 0.012	LT 0.012	LT 0.012	0.1
Conclusion	PASS	PASS	PASS	PASS	PASS	

Note:

DBP = Dibutyl phthalate; BBP = Benzyl butyl phthalate; DEHP = Di-(2-ethylhexyl) phthalate
 DIDP = Diisodecyl phthalate; DnHP = Di-n-hexyl phthalate
 %w/w = Percentage by weight
 LT = Less Than

The test result(s) and conclusion(s) in this report relate to the sample(s) tested as described herein.

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TEST REPORT

Company: Quality Certification Alliance
 Recipient: D. Fenton
 Recipient Email: dfenton@qcalliance.org
 cc to Email: -

Test Report # 13H-03139
 Date of Issue: October 28, 2013
 Pages: Page 15 of 18
 Date Received: October 16, 2013

DETAILED RESULTS:

ASTM F2923-11 Clause 8, Total Elements Screening in Paint and Surface Coatings

Analysis performed by Inductively Coupled Plasma Optical Emission Spectrometry to determine compliance with the above referenced standard. [Referenced Test Method: ASTM F963-11 Clause 8.3.1]

Specimen No.	1+2+3	4+5+6	7+8+9	10+11+12	13+14+15	Limit
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Total (mg/kg)
Total Sb	LT 10	LT 10	LT 10	LT 10	LT 10	60
Total As	LT 10	LT 10	LT 10	LT 10	LT 10	25
Total Ba	14	16	26	220	270	1000
Total Cd	LT 10	LT 10	LT 10	LT 10	LT 10	75
Total Cr	LT 10	LT 10	LT 10	LT 10	LT 10	60
Total Hg	LT 10	LT 10	LT 10	LT 10	LT 10	60
Total Se	LT 25	LT 25	LT 25	LT 25	LT 25	500
Conclusion	PASS	PASS	PASS	PASS	PASS	

Note:

Sb = Antimony; As = Arsenic; Ba = Barium; Cd = Cadmium;
 Cr = Chromium; Hg = Mercury; Se = Selenium
 mg/kg = Milligrams per kilogram
 LT = Less than

Remark:

The total heavy metals screening results do not exceed the soluble heavy metal limits, therefore, further soluble analyses were not conducted.

The test result(s) and conclusion(s) in this report relate to the sample(s) tested as described herein.

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Company: Quality Certification Alliance
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Test Report # 13H-03139
 Date of Issue: October 28, 2013
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DETAILED RESULTS:

ASTM F2923-11 Clause 8, Total Elements Screening in Paint and Surface Coatings

Analysis performed by Inductively Coupled Plasma Optical Emission Spectrometry to determine compliance with the above referenced standard. [Referenced Test Method: ASTM F963-11 Clause 8.3.1]

Specimen No.	16+17+18	19+20+21	22+23+24	25+26+27	28+29+30	Limit Total (mg/kg)
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Total Sb	LT 10	LT 10	LT 10	LT 10	LT 10	60
Total As	LT 10	LT 10	LT 10	LT 10	LT 10	25
Total Ba	2300*	130	12	LT 10	130	1000
Total Cd	LT 10	LT 10	LT 10	LT 10	LT 10	75
Total Cr	LT 10	LT 10	LT 10	LT 10	LT 10	60
Total Hg	LT 10	LT 10	LT 10	LT 10	LT 10	60
Total Se	LT 25	LT 25	LT 25	LT 25	LT 25	500
Conclusion	Refer to Soluble Result	PASS	PASS	PASS	PASS	

Note:

Sb = Antimony; As = Arsenic; Ba = Barium; Cd = Cadmium;
 Cr = Chromium; Hg = Mercury; Se = Selenium
 mg/kg = Milligrams per kilogram
 LT = Less than

Remark:

*The total heavy metals screening results exceeded the soluble heavy metal limits, therefore a separate soluble analysis was conducted.

The test result(s) and conclusion(s) in this report relate to the sample(s) tested as described herein.

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TEST REPORT

Company: Quality Certification Alliance
 Recipient: D. Fenton
 Recipient Email: dfenton@qcalliance.org
 cc to Email: -

Test Report # 13H-03139
 Date of Issue: October 28, 2013
 Pages: Page 17 of 18
 Date Received: October 16, 2013

DETAILED RESULTS:

ASTM F2923-11 Clause 8, Soluble Elements in Paint and Surface Coatings

Analysis performed by Inductively Coupled Plasma Optical Emission Spectrometry to determine compliance with the above referenced standard. [Referenced Test Method: ASTM F963-11 Clause 8.3.2]

Specimen No.	16	17	18	---	---	Limit
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Soluble (mg/kg)
Soluble Sb	LT 2	LT 2	LT 2	---	---	60
Soluble As	LT 2	LT 2	LT 2	---	---	25
Soluble Ba	LT 2	LT 2	5	---	---	1000
Soluble Cd	LT 2	LT 2	LT 2	---	---	75
Soluble Cr	LT 2	LT 2	LT 2	---	---	60
Soluble Hg	LT 2	LT 2	LT 2	---	---	60
Soluble Se	LT 2	LT 2	LT 2	---	---	500
Conclusion	PASS	PASS	PASS	---	---	

Note:

Sb = Antimony; As = Arsenic; Ba = Barium; Cd = Cadmium;
 Cr = Chromium; Hg = Mercury; Se = Selenium
 mg/kg = Milligrams per kilogram
 LT = Less than

Quality Alliance

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TEST REPORT

Company: Quality Certification Alliance
Recipient: D. Fenton
Recipient Email: dfenton@qcalliance.org
cc to Email: -

Test Report # 13H-03139
Date of Issue: October 28, 2013
Pages: Page 18 of 18
Date Received: October 16, 2013

SAMPLE PHOTO:



-End Report-

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Printcolor pad printing ink lines Series 752

fulfils following regulation (1) / is free of - apart from ubiquitous traces (2) / see also MSDS

- (2) Heavy metals according to DIN EN 71, part 3 (excl. Ba as Bariumsulfat)
- (2) Heavy metals according to ASTM Standard F 963-03 (excl. Ba as Bariumsulfat)
- (2) Listed Azo compounds
- (2) Tin (Sn) and silver (Ag) and such alloy's
- (2) Formaldehyd (exception: fluorescent colors)
- (2) Latex-products
- (2) No epoxy or polycarbonate used during manufacturing
- (2) BPA (CAS-No. 80-05-7) is not intentionally added
- (1) 16 C.F.R.1303 (Ban of Lead-Containing Printing inks; Lead not intentionally added)
- (1) EU-Richtlinie 2011/65/EG (Restriction of Hazardous Substances / RoHS)
- (1) EU-Richtlinie 2002/96/EG (Waste Electrica and Electronic Equipment amending / WEEE)
- (1) EU-Richtlinie 2005/84/EG (Phthalates in toys and baby articles)
- (1) EU-Richtlinie 2003/11/EG (Brominated organic compounds, f. e. PBB, TBBP-A-bis, Pbdiphenylethers)
- (1) Verordnung (EG) Nr.1907/2006 (Reach incl. SVHC –June 2013)
- (1) EU-Richtlinie 2000/53/EG („Altfahrzeuggesetz“)
- (1) Class VI Test – USP (Black and White)

Member of IMDS / IMDS-ID 9448512

SONY Green Partner since 2003

CERTIFICATE

November 28, 2013
Printcolor Screen Ltd.

Richard Gähwiler
HSE Manager



In August of 2008, Congress passed the Consumer Product Safety Improvement Act of 2008, commonly referred to as the CPSIA. The purpose of the Act was to establish consumer product safety standards and other safety requirements for children's products (as defined by the CPSIA) and to reauthorize and modernize the Consumer Product Safety Commission ("CPSC").

The full impact of the new legislation is not yet known because it directs the CPSC to create a host of new regulations and procedures, including some based upon research and investigations that have yet to be conducted. Some of the most significant impacts of the CPSIA involve children's products, including widespread bans or limitations on lead and phthalates, mandatory third party testing and certification for certain children's products, new safety standards and test procedures, mandatory product tracking labels and registration, and new warnings in advertising.

Despite the current unknowns about the CPSIA, Roland DGA desires to provide our customers with information that may be helpful in complying with the CPSIA. In this regard, please be advised that to the best of our knowledge neither lead nor phthalates are used as formulated components in the manufacture of any of our ink products, including all the following:

- ECOSOL Max, all colors
- EcoXtreme, all colors
- EcoXtreme i, all colors
- EcoXtreme LT, all colors
- Roland Dye
- Roland Pigment
- SBL-2 Sublimation

Roland is providing this information as a service to our customers. The information provided herein is based on data we believe to be reliable, but is not intended to guarantee that all products manufactured with these materials will comply with the CPSIA. This information is provided without any warranty, expressed or implied, regarding its correctness. Accordingly, Roland assumes no liability for customers' compliance with the CPSIA. We strongly recommend that customers seek third party verification of their final product's material content and legal counsel in order to comply fully and completely with the CPSIA.



January 1st, 2012

2012 CPSIA Conformity Statement

PolyOne Corporation formulates with quality, safety, and the environment in mind. Based on information from our suppliers, testing data, and formulation analysis, we can issue the following statements regarding Wilflex™ branded inks as supplied by PolyOne:

1) They are manufactured in compliance with the following 2008 CPSIA (Consumer Protection Safety Improvement Act) requirements:

- 16 CFR, Part 1303, Lead in Paint (<90 ppm lead)
- CPSIA Section 101, Lead Content in Substrates (<100 ppm lead)

2) They do not intentionally contain the following restricted materials:

- Heavy Metals: Lead, Chromium VI, Mercury, Nickel, Cadmium
- Organotins
- Flame Retardants: TRIS, TEPA, or PBB
- Natural Rubber and Latex
- DEHP – di (2-ethylhexyl phthalate)
- Skin Sensitizing Dyes
- Alkylphenol ethoxolates (APEOs)

3) Wilflex Epic and Oasis inks are manufactured in compliance with:

- CPSIA 2008, Section 108, Phthalates (<.1% DEHP, DBP, BBP, DINP, DIDP, DNOP)
- Oeko-Tex Standard 100
 - Epic™ – Eco Passport Certified
**Certificate available upon request.*
 - Wilflex Ecolution™
**Certificate pending.*
 - Wilflex Oasis™
**Certificate pending.*
**Does not apply to ZF Discharge Base, ZF Super White or ZF Blending White.*

The statements above are believed to be accurate based on data supplied to PolyOne by our vendors; however; **PolyOne disclaims any warranty, express or implied, with respect to its products, including, but not limited to, any implied warranty of merchantability or fitness for a particular purpose.** PolyOne strongly recommends that each customer and/or end-user independently determine the suitability of PolyOne’s product(s) under actual conditions of processing and end-use. If you have any questions concerning the safe use of our products, or require any additional information, please feel free to contact us at 1-800-326-0226.

Sincerely,

Steve Hedge
Technical Services Manager
PolyOne Corporation

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Tel: +86 755 2969 2888
Tel: +86 755 2969 2999





TEST REPORT

CLIENT: Innovation Line
ADDRESS: 11869 Teale St Los Angeles, CA, 90230, USA

REPORT NO: C30691283
DATE: September 6, 2012

Attn: Lisa Neff
Sample Description: # INK ECO-SOL MAX ESL3-YE
Quantity Submitted: 8 papers
Buyer: Not provided
Supplier: Rovand Dga Corp
SKU or Style No.: Not provided
Labeled Age Grading: Not provided
Destination: Not provided
Country of Origin: USA
Date(s) of samples received: August 30, 2012 (a.m.)

TEST METHOD & RESULTS: Please refer to next page(s)

CONCLUSION:

16 CFR 1303 Total Lead Content Requirements PASS

For and on behalf of :
Specialized Technology Resources (Shanghai) Ltd. – Shenzhen Branch

Andson Hu
Associate Director -
Toys Department

Important Notes :

The results only relate to the samples tested.

***** Page 1 of 3 *****

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TEST REPORT

CLIENT: Innovation Line
ADDRESS: 11869 Teale St Los Angeles, CA, 90230, USA

REPORT NO: C30691283
DATE: September 6, 2012

TEST RESULTS

1. CHEMICAL TESTS:

Key to sample(s):

- Sample 1 = Yellow coating on plastic label (100% yellow)
- Sample 2 = Dark green coating on plastic label (35% yellow)

TOTAL LEAD CONTENT TEST: COATING

Criteria : The submitted samples must meet the Total Lead Limit of 90ppm as stated in 16 CFR 1303

Test Method: CPSC-CH-E1003-09.1 Standard operating procedure for determining Lead (Pb) in paint

Results :

	<u>Sample 1</u>	<u>Sample 2</u>
Total Lead	<10.0	<10.0

All concentrations expressed in milligrams per kilogram
"<" means "less than"

Date(s) of test(s) conducted: August 30, 2012 to September 4, 2012

***** Page 2 of 3 *****

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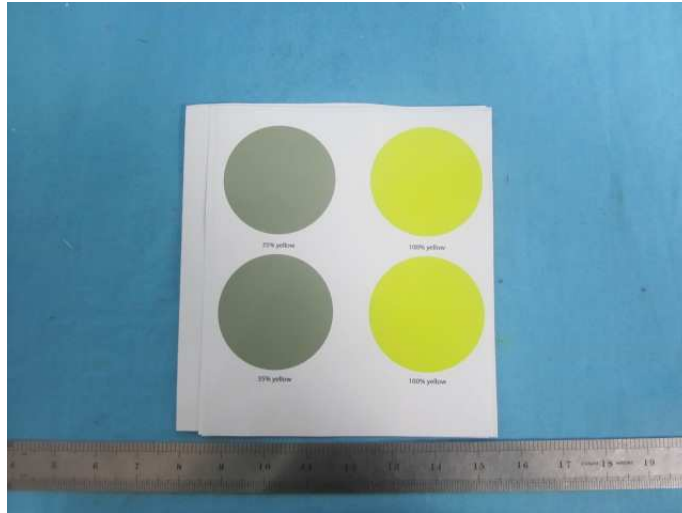
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TEST REPORT

CLIENT: Innovation Line
ADDRESS: 11869 Teale St Los Angeles, CA, 90230, USA

REPORT NO: C30691283
DATE: September 6, 2012

Product Photo:



***** THE END *****

***** Page 3 of 3 *****

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APPENDIX 1 - TERMS AND CONDITIONS OF SERVICE / 附件一：服务所依据的条款和条件

Specialized Technology Resources (Shanghai) Ltd.-Shenzhen Branch ("STR") undertakes to provide services to its Customer subject to the terms and conditions contained herein. 上海胜邦质量检测有限公司-深圳分公司 ("乙方") 承诺根据以下所列的条款向客户 ("甲方") 提供服务。

The term of limitation of liability contained herein has been conspicuously marked to draw the attention of the Customer, the full and complete explanation of the wording and legal significance of this term have been made to the Customer by STR. The Customer agrees that this term shall be construed as a part of the agreement between STR and itself, based on the full and complete understanding of the wording and legal significance of this term.
乙方对本附件第四条已经做出了明显的标识以此提示甲方注意，并且对该条的文字表述和法律意义，向甲方做出了充分和完整的解释。甲方已经仔细阅读了本附件第四条，对其文字表述和法律意义已经充分和完整地理解，在此基础上甲方表示同意该条款当然成为甲乙双方之间的一项约定。

COMPUTATION OF CHARGES AND PAYMENT

第一条 费用计算和付款

1.1 (a) Consulting time shall be charged on a daily basis.
(b) 咨询时间应当以日为基础计费。

(c) Where the personnel of STR are assigned by its Customer to any in-house projects, the Customer shall be billed on an hourly basis on the compensation rates of its personnel.
当乙方的人员被其甲方指派至任何内部项目，甲方应当以小时为基础按其所派人员的报酬费率进行计费。

1.2 Disbursements incurred on the Customer's behalf such as expenditure for communications, transportation, travel, the purchase of any materials, tools, equipment, components or parts which are directly related to the service shall be billed at costs and shall include a reasonable handling charge at the discretion of STR.
为甲方而产生的开支如与服务直接相关的通讯、交通、差旅、购买任何原料、工具、设备、零件或部件的费用，应当按成本向甲方计费，且应包含一笔由乙方决定的合理手续费。
1.3 Where in the opinion of STR the services are time consuming entailing the use of special equipment and disbursements, the Customer shall be charged on an "equipment-hour" basis on the time spent.
乙方判断服务将消耗大量时间，导致使用特殊设备或支出时，对甲方收费将以所花费的"设备-小时"为基础收取费用。
1.4 Payments shall be paid in RMB at its address or at such other address and in such manner as STR may from time to time specify. Payment made by post shall be at the risk of the Customer.
付款应当在乙方所在地以人民币方式支付，或者根据乙方可以随时规定的其他地方或其他支付方式支付，以邮寄方式做出的付款应当由甲方承担风险。

1.5 The Customer undertakes during the continuance of this Agreement -
甲方承诺在本协议存续期间 -
(a) to punctually pay all billings rendered to the customer from time to time;
(b) 准时支付不时提供给甲方的所有帐单；
(c) unless otherwise agreed in writing, payment is to be made within 7 days from the date of Invoice or the date of the Debit Note;
(d) 除非另有书面约定，付款应在开具发票或借记通知单之日起七天内按帐目支付。

(c) where the Customer fails to pay within time, STR shall charge interest on overdue invoices at the rate of 2% per month or 24% per annum until payment, such interest to run from day to day and to accrue after as well as before any judgement and is to be compounded at monthly intervals;
若甲方未能按时付款，乙方就逾期未开发票收取罚息，直至全额付款。此等罚息以日计算且在任何判决之前和之后都产生，并以月为间隔，按本金和不断累积的利息为基数来计息；
(d) STR shall have a lien on any goods of the Customer until payment but the exercise of such lien shall not prevent interest continuing.
乙方有权留置甲方的货物直至其足额付款，但留置权的行使不应妨碍利息的继续计算。

1.6 If the Customer shall fail to pay STR for any reason under Clause 1.5 or if the Customer shall commit a breach of any of its obligation under this Agreement or if a receiver of the Customer is appointed or if any resolution or petition to wind up the Customer's business shall be passed or presented (except for the purpose of reconstruction), STR may without prejudice to its other rights either suspend or cancel the Agreement and in such an event STR may also suspend or cancel any other existing contracts without being liable to damages.
若甲方因任何原因未能根据第 1.5 条向乙方付款，或者甲方违反了本协议项下的任何义务，或者甲方的接管人一旦被任命，或结束甲方业务的所有决议或申请被通过或提交（为重组之目的除外），则乙方可以在不影响其权利情况下中止或解除本协议，在此等情况下乙方也可以中止或撤销任何其他在存的合同且不对甲方负责。

CONFIDENTIAL TREATMENT OF INFORMATION

第二条 信息的保密处理

2.1 Unless otherwise specifically agreed between the parties, the services rendered by STR to the Customer shall be on a non-exclusive best-efforts basis.
除非双方另有特别约定，由乙方为甲方提供的服务应当建立在不排除他的勤勉尽责的基础上。

2.2 It is explicitly agreed by STR and the Customer that all technical information (whether contained in models, drawings, reproductions of drawings, writing reports, letters, memoranda or notes or in any other form) shall be kept strictly confidential by STR for the purposes of this Agreement and STR shall at all times use all reasonable efforts to prevent the disclosure to third parties of any part thereof unless STR shall have first obtained the written consent of the Customer specifically authorizing such disclosure. PROVIDED ALWAYS AND IT IS MUTUALLY AGREED that the confidentiality shall extend for a period of five (5) years from the date of completion of its work and PROVIDED FURTHER that STR shall not be liable under this clause if through no fault of STR the information is generally known to the public or the information is generally known to STR, or is independently developed by STR without recourse to the materials provided by the Customer, or if the information is necessary for publication by STR under this Agreement, or is disclosed in accordance with a judgment or writ issued by a competent court of any jurisdiction to which the Terms are subject, or with an order, notice or requirement issued by a governmental agency of the aforesaid jurisdiction.
乙方和甲方明确同意，所有技术信息（无论包含在模型、图纸、规范、程序、书面报告、信件、备忘录或会议纪要或以任何其他形式发表）都应当由乙方为本协议之目的而严格保密。乙方应当始终采取一切合理的努力以防止此等技术信息的任何部分向第三方泄露。除非乙方已经获得甲方特别授权此等信息的书面同意。双方约定此等保密期限在工作完成后已延续 5 年，乙方在下列情况下根据本条不承担责任：在乙方无过错的情况下，该信息被公众普遍知悉；或该信息被乙方普遍知悉；或该信息由乙方独立开发，没有利用甲方所提供的材料；或该信息由乙方根据本协议规定义务所必需；或该信息在根据本条规定的拥有管辖权的法院出具的判决或正式文书根据上述拥有管辖权的政府机构发布的命令。通知或要求必须提供的。

2.3 STR undertakes that the identity of its Customers and the nature of services rendered shall be kept confidential unless the Customer agrees in writing to their release. PROVIDED ALWAYS that STR shall not be liable under this clause if through no fault act or failure on its part the identity of the Customer is generally known to the public.
乙方承诺对其甲方的身份和所提供服务的性质保密，除非甲方书面同意揭露。但若在乙方方面没有过错行为或失误的情况下，甲方的身份被公众普遍知悉，乙方不承担责任。

PATENT RIGHTS

第三条 专利权利

3.1 Any invention made in the performance of work for the Customer by STR within the field of work undertaken for the Customer, belongs to the Customer.
在为甲方履行工作的过程中，在为甲方所承担的工作范围内由乙方作出的任何发明属于甲方。

3.2 STR's use of the aforesaid inventions shall be free of any royalty fees provided that the use of such inventions are confined to the performance of the work for the Customer.
在为甲方履行工作的过程中使用上述发明，乙方应当无偿专用于甲方。

LIMITATION OF LIABILITY

第四条 责任限制

4.1 If any liability on the part of STR shall arise (whether under the express or implied terms hereof or under the relevant Chinese laws and regulations) in contract, tort or infringement, the Customer's right to recover damages for any loss of whatever nature caused by the fault or negligence of STR or by any breach of its obligations or whatsoever caused shall be limited to the amount of the contract price under this Agreement and the said limitation of liability shall apply regardless of the form of action, whether in contract, tort, infringement or otherwise. In no event shall STR be liable for incidental or consequential damage. The Customer hereby acknowledges and states that its losses and damages, whether direct or indirect, resulted therefrom will be sufficiently recovered by the above amount of compensation and shall not raise any further claim against STR beyond such amount.
若乙方方面产生任何性质的赔偿责任（无论直接或间接或明示或默示），或根据相关中国法律法规，甲方要求赔偿超过乙方的赔偿或违反其任何义务或其他原因所造成的任何损失或权利，应当根据本协议项下甲方支付给乙方的合同价款的数额。且无论赔偿的形式为合同、侵权或其他赔偿，上述责任限制均应当适用。乙方在任何情况下都无需为附带或由此引起的损失承担责任。甲方在此承认并声明因此产生的损失和损害，无论直接或间接，都将由上述赔偿款项予以充分弥补，且在此款项之外不应向乙方提出任何进一步的请求。

INDEMNITY

第五条 补偿

5.1 In the event of actual or threatened suit against STR in relation to the services undertaken on behalf of the Customer or in relation to any of the Products or the Trade Mark or Patent of the Customer or of any allegation of infringement of any letters patent, registered design, trade mark or trade name, the Customer shall indemnify STR harmless from any liability, action, claim, demand, costs, charges and expenses arising therefrom or from any expense including solicitors fees, counsel's fees in defending such action PROVIDED ALWAYS that the Customer will at its own election either effect any settlement or compromise or at its own expense defend any such action or proceeding and the Customer shall pay the costs of any settlement or compromise effected.
若甲方代表甲方所承担的服务相关，或为甲方的任何产品或服务或专利相关而针对乙方的任何实际的或可能的诉讼，或有对任何专利证书、注册设计、商标或专利的侵权声明，甲方应当赔偿乙方，使其免受任何因此而产生的责任、诉讼、索赔请求、被告、开支、收费和费用或抗辩费等行为而发生的费用，包括律师费、顾问费，但若甲方将自行决定采取任何和解或妥协行动，或自行承担抗辩此等行为或程序，则甲方应当支付采取任何和解或妥协行动的费用。

SOLICITATION OF EMPLOYEES

第六条 雇员引诱

6.1 It is mutually agreed that neither party shall solicit the employees of the other for employment or hire unless prior written consent to do so is obtained.
双方同意除非得到事先书面同意，任何一方不得引诱雇佣或聘用另一方的雇员。

EFFECT OF PROPOSAL

第七条 建议书的效力

7.1 The accompanying proposal is valid for a period of ninety (90) days from the date of the proposal unless extended in writing by STR. Upon the acceptance of such proposal, this appendix shall form part of the Agreement with the Customer and notwithstanding any prior discussions or prior oral or written agreements to the contrary, the terms and conditions herein shall be applicable and take precedence over any conflicting terms contained in any documents submitted by the Customer.
所附之建议书，除非由乙方书面延展，其有效期为建议书出具之日起九十(90)日。一旦接受该建议书，本附件应当构成与甲方协议的一部分，且无论之前包含有与之相关的任何讨论或口头或书面协议。本文中的条款和条件应当适用于、且取代甲方提交的任何文件中所包含的任何与之相冲突的条款。

DATA AND DOCUMENT RETENTION

第八条 数据和文件保留

8.1 After the services are rendered, STR may retain a copy of all documents relating to the services (the "Supporting Documents") for as long as STR, in its sole discretion, deems fit.
在提供服务后，乙方可以在其认为合适时保留一份与其服务相关的所有文件 ("支持文件") 的复印件。

(b) Unless otherwise specified or required by the applicable law, all Supporting Documents over 3 years of age will be automatically destroyed by STR without notice to the Customers. Should any or all Supporting Documents less than 3 years are scheduled to be destroyed, STR shall give the Customer 30 Days' written notice to the Customer's last known address of its intention to destroy the Supporting Documents. Unless the Customer makes a written request to STR reaching STR before the expiration of the said 30 days seeking delivery of those documents to the Customer at the Customer's expense, those documents shall be destroyed.
除非另有说明或法律所必需，所有超过 3 年的支持文件将由乙方自动销毁，不通知甲方。若任何少于三年的支持文件将被销毁，乙方应当按最后被其知悉的甲方地址给予甲方一份 30 日期的书面通知，告知其销毁该文件的意愿。除非甲方方向乙方提出书面请求，要求将此等文件交付给甲方，并且该请求在上述 30 日期满前送达乙方并由甲方承担费用，否则此等文件将被销毁。

(c) The Customer shall indemnify STR for any costs or expenses in responding to or opposing any subpoena, the production of any documents in Court seeking the disclosure of the said documents or any information contained therein.
甲方应当赔偿乙方为回应或对抗任何寻求揭示上述文件或其中包含的任何信息的传票以及在法庭上制作文件的任何费用或支出。

GOVERNING LAW

第九条 适用法律

9.1 This Agreement and the rights and obligations of the parties shall in all respects be governed, construed, interpreted and operated in accordance with the relevant Chinese laws and regulations.
本协议和双方的权利和义务在各个方面都应当由相关的中国法律法规管辖、准解、解释和执行。

OBLIGATIONS OF THE CUSTOMER

第十条 甲方的义务

10.1 If the Customer intends to change the work hereunder or assign any other work to STR, such a change or new assignment shall be subject to a separate negotiation and agreement between both of the parties. If STR suffers any loss or damage because the Customer changes the contractual work undertaken by STR as agreed by both parties prior to completion of the work, the Customer shall compensate for such losses and damages.
若甲方欲变更本协议项下的工作或向乙方交付任何其他工作，此等变更或指派的工作应当由双方另行磋商和约定。若由于甲方在工作完成之前变更双方约定由乙方承担的工作，而导致乙方遭受了任何损失或损害，甲方应当赔偿此等损失和损害。

10.2 If the work undertaken by STR hereunder requires any assistance of the Customer, the Customer shall be obliged to provide all necessary and reasonable assistance which STR may deem fit. If the work undertaken by STR hereunder cannot be completed due to the Customer's failure to perform to perform adequately to assist, STR may demand the Customer performs its obligation within a reasonable period of time and may appropriately extend the time limit for its own work. If upon the expiration of such reasonable time period the Customer still fails to perform its obligation, STR may terminate this Agreement, without prejudice to any other rights of STR hereunder or under any applicable laws and regulations.
除非另有说明或法律所必需，所有超过 3 年的支持文件将由乙方自动销毁，不通知甲方。若任何少于三年的支持文件将被销毁，乙方应当按最后被其知悉的甲方地址给予甲方一份 30 日期的书面通知，告知其销毁该文件的意愿。除非甲方方向乙方提出书面请求，要求将此等文件交付给甲方，并且该请求在上述 30 日期满前送达乙方并由甲方承担费用，否则此等文件将被销毁。
若甲方未能履行其义务，乙方可以终止本协议，且不影响根据本协议或任何适用的法律法规所拥有的任何其他权利。

SAMPLES

第十一条 样品

11.1 STR expects Customers to abide by all applicable regulations when shipping samples to STR. Improper shipping may result in additional charges for costs incurred by STR: (a) to identify samples to STR, (b) damage done to STR personnel or property as a result of improper packaging, labeling or omission of identifying documents. STR has the right to refuse receipt of any shipment that, in its discretion, is unsafe or has been shipped improperly. Any costs associated by refusal to accept shipment under this clause are the sole responsibility of the Customer. Customer shall indemnify and hold harmless STR for any and all damages, expenses, fines, judgments, liabilities and costs (including attorney's fee) incurred by STR and arising from the improper packaging or shipment of the sample by Customer.
乙方将要求甲方赔偿由于甲方不正确的包装和寄送方式所导致的部分以及全部的损坏、开支、罚款、裁定、债务以及其他费用（包括律师费用）。
乙方保留拒绝接收其判断为不安全或以不正确方式寄送的样品之权利。在这些条款下，由于乙方拒绝接收而产生的一切费用将由甲方单独承担。

E-MAIL DISCLAIMER

第十二条 电子邮件免责声明

12.1 STR shall follow the request of the Customer in the event that final report / results hereunder shall be sent by e-mail rather than by paper hard copy. STR considers e-mail a valuable and efficient tool, however, STR hereby gives cautions to the Customer that the report / results in electronic view may inadvertently be modified once it is in the Customer's word processing system. Further, the current e-mail transmission technology may allow for interception of messages and reports / results by third parties. STR shall not be held responsible for these risks, which are out of its control. Should a report / results be sent to the Customer by e-mail on its request, such a request SHALL BE DEEMED TO BE AN ACCEPTANCE OF THE RISK THAT THE REPORT / RESULTS MAY BE INTERCEPTED BY THIRD PARTIES. The Customer shall agree that the report / results shall be sent by STR unencrypted. Transmission of the report / results (or other materials requested by the Customer) via the internet or other public network shall not be considered to constitute a breach of any confidentiality or other provisions of this Agreement between STR and the Customer, and STR shall in no way be liable for any damages resulting from such a transmission. Additionally, STR shall not be liable for any damages incurred by the Customer for any changes made to the report / results after it has been transmitted.
若甲方要求将本协议项下最终报告 / 结果以电子邮件形式寄发时，乙方应遵循甲方的此等要求。乙方视电子邮件为有用且有效的工具。然而，乙方在此警告甲方，一旦电子版报告 / 结果进入甲方的文字处理系统，其有可能被篡改或遗漏。此外，现有的电子传输技术有可能使得第三方信息或报告 / 结果进行篡改。乙方不对超越乙方控制范围的风险负责。如果一份报告 / 结果在甲方的请求下需以电子邮件的方式寄发，那么此等请求同时将被视为接受第三方可能拦截这份报告 / 结果的风险。甲方同意乙方以不加密的方式寄发报告 / 结果。通过互联网或其它公共网络传输报告 / 结果（或甲方要求的其它材料），不应被视为构成违反乙方和其甲方间的协议中规定的任何保密或其它条款，并且乙方不对任何方式由此等传递而产生的任何损失负责。此外，乙方不对任何在报告 / 结果被传递后对其的的任何修改使甲方招致的任何损失负责。

MISCELLANEOUS PROVISIONS

第十三条 其他规定

13.1 Any provision of this Agreement prohibited by or regarded as unlawful or unenforceable under any applicable law actually applied by any court of competent jurisdiction shall, to the extent required by law, be severed by this Agreement and rendered ineffective so far as is possible without modifying the remaining provisions of the agreement. Where however the provisions of any such applicable law may be waived, they are hereby waived by the parties hereto to the full extent permitted by such law to the end that this Agreement shall be valid and binding agreement enforceable in accordance with its terms.
根据有管辖权的法院所使用的任何适用的法律，本协议中的任何条款被禁止或被视为无效或不可执行时，则应当在此等法律所要求的范围内尽可能地不影响协议其他条款的效力。但若任何此等适用的法律之规定可以被放弃或不适用，则双方应在此等法律所允许的范围内尽可能地故

13.2 A certificate signed by any officer of STR as to the amount due from the Customer hereunder at the date of such certificate shall, in the absence of manifest error, be conclusive evidence of the amount due.
一份由乙方的任何管理人员签署的就根据本协议甲方在该等证书之日应付付款的证书，若无明显错误，应作为此等应付款项的证据。

13.3 Nothing in this Agreement shall be considered to form a partnership between the parties. No party shall represent that it acts as agent for another or has any capacity to bind another in any contractual or other arrangements.
本协议中任何内容均不得被视为构成双方的合伙关系。任何一方均不得声明可作为另一方的代理人或有能力在任何合同或其他安排中约束另一方。

13.4 Save as herein otherwise provided any notice required to be given hereunder shall be sufficiently given if given in writing or by telegram or telex to the last known postal address or telex number of the addresses and every notice shall be deemed to have been received and given at the time when in the course of construction it may have been delivered at the address or telex number to which it was sent.
除非另有规定，根据本协议需寄发的任何通知，应以书面形式或通过电话或电报向最后所知的地址或地址当地的电报号码发出，应被视为充分发出；且在此传递过程中，当其应当已经到达所发送的地址或电报号码时，应当被视为已经被收到和作出。

13.5 This report or certificate does not release sellers/suppliers from their contractual responsibility with regards to the quality/quantity of this delivery nor does it prejudice Customer's right to claim damages/suppliers for compensation for any apparent and/or hidden defects not detected during STR's random testing or testing or audit.
本报告或证书并未免除卖方/供应商关于交付货物质量/数量方面的合同责任，也不影响甲方方向卖方/供应方主张赔偿在乙方随机检查或测试或审核中未被发现的任何表面和/或隐藏的瑕疵的权利。



TESTEX®

ECO-PASSPORT

No. ZHXA 057283, TESTEX-Zürich

FOR

Chemicals, Auxiliaries, and Dyestuffs

Company Polyone Wilflex Corporation
8155 Cobb Center Drive
US-30152 Kennesaw, GA

Products EPIC Non-phthalate textile Screen Printing Inks in various colours

Basis

- Detailed documentation concerning the production of the above named products
- Carrying out of supplementary tests in our laboratories (test report ZHXA 090071.1)
- Manufacturer's declaration of conformity in accordance with EN ISO 17050-1

Suitability The above captioned product/product group can be used for the production of human-ecological optimised textiles. Depending on the application of these products by the textile producer respectively textile finisher a control on the following human-ecological parameters is needed of the corresponding treated textiles: colour fastness

The results of tests on the certified products or on textiles, which have been treated with these products, demonstrate no detrimental effects to the human-ecological properties of the textiles treated in this way, provided that the products are used in accordance with manufacturer's instructions. The test methods and requirements of the Oeko-Tex® Standard 100 were used for the assessment.

Zürich, 15.05.2013

This passport is valid until 30.04.2014



Serge Rolle

Serge Rolle
CEO

Jean-Pierre Haug

Dr. Jean-Pierre Haug
COO

proven since 1846



General E.H. & S. Conformity Statement

PolyOne products are made with quality, safety, and the environment in mind. Wilflex™ products are formulated to meet compliance standards supported by an effective system of management controls. PolyOne maintains comprehensive procedures for raw material review and utilizes third party test data to support our compliance programs.

Based on information from our suppliers, testing data, formulation analysis, and internal audits we can issue the following statements regarding Wilflex™ brand products as supplied by PolyOne:

- 1) Wilflex™ products are manufactured in compliance with the following 2008 CPSIA (Consumer Protection Safety Improvement Act) requirements:
 - 16 CFR, Part 1303, Lead in Paint (<90 ppm Lead)
 - CPSIA Section 101, Lead Content in Substrates (<100 ppm Lead)

- 2) Wilflex™ products do not intentionally contain the following restricted materials:
 - Heavy Metals: Lead, Chromium VI, Mercury, Nickel, Cadmium
 - Organotins: MBT, DBT, TBT, MOT, DOT, TPhT, TeBT
 - Flame Retardants: TRIS, TEPA, or PBB
 - Natural Rubber and Latex
 - DEHP- di (2-ethylhexyl) phthalate
 - Skin Sensitizing Dyes
 - Alkylphenol ethoxylates (APEO's)
 - Short chain chlorinated paraffin
 - Pesticides
 - BPA
 - Dimethylfumerate (CAS# 624-49-7)
 - Octabromodiphenyl ether
 - Decabromodiphenyl ether
 - Pentabromodiphenyl ether
 - Aromatic amines according to the EU Directive 2002/61/EC

- 3) Epic™ and Oasis™ products are manufactured in compliance with:
 - CPSIA 2008, Section 108, Phthalates (<0.1% each - DEHP, DBP, BBP, DINP, DIDP, DNOP)
 - EU Directive 76/769/EEC, Phthalates (<0.1% DEHP, DBP, BBP total and <0.1% DINP, DIDP, DNOP total)
 - Oeko-Tex Standard 100 Classes I, II, III, and IV for the following Wilflex™ products
 - Epic™ – Eco Passport Certified - *certificate available upon request*
 - Oasis™ – Eco Passport Certified - *certificate available upon request, does not apply to 10000WDB WILFLEX OASIS DISCHARGE BASE, 11000WDW WILFLEX OASIS DISCHARGE SUPER WHITE or 11500WDW WILFLEX OASIS DISCHARGE BLENDING WHITE, 20000WDA WILFLEX OASIS DISCHARGE ACTIVATOR*

Wilflex™ Classic series products may contain phthalate plasticizers. Epic™ series products are formulated without use of any phthalate plasticizers restricted under 2008 CPSIA (Consumer Protection Safety Improvement Act). Oasis™ products are formulated without use of both phthalate plasticizers and PVC.

Residual low-level formaldehyde can be found in some water-based discharge products (e.g. Oasis™) and all products containing fluorescent pigments. You must make your own determination of suitability for your intended use and environmental acceptability, the safety and health of your employees, and purchasers of your product.

Wilflex™ products may contain trace amounts of impurities including Arsenic, Lead, Zinc, and other metals from naturally occurring raw materials. Wilflex™ Epic Athletic Low-Bleed (PFXATH) series contains Cobalt. The following Classic™ products also contain Cobalt: MVP and SSV low bleed series, 11555WHT PHANTOM WHITE, 11003WHT ATHLETIC TROPHY WHITE, 88800IS OMNIGOLD.

Wilflex™ products are not expected to contain any substances meeting the criteria classification as Substance of Very High Concern per the European Chemical Agency list released on June 20, 2013.

PolyOne disclaims any warranty, express or implied, with respect to its products, including, but not limited to, any implied warranty of merchantability or fitness for a particular purpose. We do not control the conditions under which our Wilflex™ products are used in your applications. Therefore, we are not in a position to warrant that your products meet FDA, EPA, or other regulatory requirements. PolyOne strongly recommends that each customer and/or end-user independently determine the suitability of our product(s) under actual conditions of processing and end-use in accordance with regional regulatory and/or Brand restrictions.

The provisions of this certificate supersede and replace the provisions of all other certificates previously delivered relating to compliance of the above Wilflex™ products.

For certain product lines, PolyOne may offer a product that includes a third party's manufactured and branded product as a convenience for our customers. In those instances, the third party product will be provided in its original, unopened packaging. All technical information, MSDS sheets, certificates or other information for a third party's product must be obtained from that third party. This certificate does not make any representation for such third party product, and PolyOne expressly disclaims any warranties or guarantees.

If you have questions concerning the safe use of our products or require additional information, please feel free to contact us at 1-800-326-0226.

Version 1.1

Valid July 8, 2013 through June 30, 2014

*PolyOne Corporation
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Compliance Selector Guide

	Oeko-Tex Standard 100 (ECO-Passport)	CPSIA 2008	REACH (SVHC)	Non-PVC	Non-Phthalate	Non-Formaldehyde	Non-APEO	Non-Heavy Metal
Wilflex™ Oasis Hydrate/Hydrosoft Series	✓	✓	✓	✓	✓	✓	✓	✓
Wilflex™ Oasis Discharge Series	(2)	✓	✓	✓	✓	(2)	✓	✓
Wilflex™ Epic Series	✓	✓	✓	N/A	✓	✓	✓	✓
Wilflex™ Epic Athletic Low-Bleed Series (PFXATH)	(3)	✓	✓	N/A	✓	✓	✓	(3)
Wilflex™ Fluorescent PC	✓	✓	✓	✓	✓	(1)	✓	✓
Wilflex™ Classic Series	N/A	N/A	✓	N/A	N/A	✓	✓	(4)

(1) Wilflex™ now offers low formaldehyde fluorescent pigments in Epic™ and Oasis™ product lines

(2) Discharge samples unwashed will contain Formaldehyde. Otherwise, Oeko-Tex Standard 100 Class I, II, III and IV compliant

(3) Wilflex™ Epic Athletic Low-Bleed Series (PFXATH) products contain Cobalt

(4) Wilflex™ Classic MVP and SSV Low-Bleed Series, 11555WHT PHANTOM WHITE, 11003WHT ATHLETIC TROPHY WHITE and 88800IS OMNIGOLD contain Cobalt

Non-Phthalate products are formulated without the use of any phthalate plasticizers restricted under 2008 CPSIA (Consumer Protection Safety Improvement Act).

SVHC - Substance of Very High Concern (SVHC) per the European Chemical Agency list released on June 20, 2013

The information in this document is provided as a general reference only to help guide the selection of Wilflex products. Each customer and/or end-user is responsible for independently determining the suitability of our product(s) under actual conditions of processing and end-use in accordance with regional regulatory and/or Brand restrictions. PolyOne disclaims any warranty, express or implied, with respect to its products, including, but not limited to, any implied warranty of merchantability or fitness for a particular purpose. Customers should also refer to the General E.H.&S. Conformity Statement available at www.wilflex.com and/or request certification as appropriate to confirm compliance with regulatory requirements for their purchase of Wilflex products.



March 3, 2014

Dear Valued Customer,

RE: CPSIA 2008 Conformity Statement

Nazdar Company formulates with quality, safety and the environment in mind. Based on information from our suppliers, testing data and/or formulation analysis, we can issue the following statements regarding the below products:

2537	CARE62	CARE93	IMS401	NS90	RE303	SIP1520	SIPM573
2555	CARE63	CARE94	IMS402	NSIPI413	RE304	SIP1530	SIPM598
5500	CARE64	CARE95	IMS404	NSIPI436	RE305	SIP1532	SIPM606
5550	CARE65	CARE96	IMS408	NSIPM557	RE306	SIP1533	SIPM610
5560	CARE67	CARE106	IMS414	PA7	RE307	SIP1534	SIPO510
70180	CARE68	DA176	IMS421	PA8	RE308	SIP1536	SIPO511
70182	CARE69	DCA04	IMS424	PX30	RE309	SIP1543	SIPO541
7730	CARE70	DCA06	IMS427	RE180	RE310	SIP1544	SIPP105
9050	CARE71	DCA08	IMS429G	RE181	RE312	SIP1545	SIPR622
9630	CARE72	DCA51	IMS444	RE182	RE315	SIP1546	SIPR623
9631	CARE73	DCA52	IMS501	RE183	RE317	SIP1547	SIPU711
9637	CARE74	IL180	IMS502	RE185	S230	SIP1548	SIPY915
9731	CARE75	IMS102	IMS503	RE186	S231	SIP1549	SIPY952
ADE677	CARE76	IMS103	IMS598	RE187	SIPG305	SIP1550	SIPY981
CARE11	CARE77	IMS104	IMS601	RE188	SIP1413	SIP1558	SW37
CARE22	CARE78	IMS201	IMS602	RE189	SIP1414	SIP1563	V5070
CARE4	CARE79	IMS202	IMS603	RE190	SIP1417	SIPM502	V5071
CARE50	CARE8	IMS203	IMS611	RE191	SIP1419	SIPM504	V5072
CARE52	CARE81	IMS206	IMS615	RE192	SIP1420	SIPM514	VF180
CARE53	CARE82	IMS207C	IMS616	RE193	SIP1423	SIPM520	VF182
CARE54	CARE83	IMS209C	IMS630	RE194	SIP1440	SIPM523	VF190
CARE55	CARE84	IMS231	IMS631	RE195	SIP1452	SIPM525	VF192
CARE56	CARE85	IMS240	IMS632	RE196	SIP1453	SIPM527	
CARE57	CARE86	IMS291	NB72	RE198	SIP1466	SIPM528	
CARE58	CARE87	IMS301	NB80	RE199	SIP1471	SIPM529	
CARE59	CARE89	IMS304C	NDS082	RE212	SIP1479	SIPM530	
CARE60	CARE90	IMS305	NDS083	RE301	SIP1518	SIPM533	
CARE61	CARE91	IMS330	NDS084	RE302	SIP1519	SIPM571	

- The above products are manufactured in compliance with the following 2008 CPSIA (Consumer Product Safety Improvement Act) requirements:
 - 16 CFR, Part 1303, Lead in Paint (<90 ppm lead)
 - CPSIA Section 101, Lead Content in Substrates (<100 ppm lead)
 - CPSIA 2008, Section 108, Phthalates (<1000ppm DEHP, DBP, BBP, DINP, DIDP, DNOP)

Compliance for the above mentioned products is based on raw material supplier information and the Nazdar formula. This information can be used for compliance with the regulations listed above without any formal guarantee as the product(s) are not analyzed on a regular basis. However, based on our experience and knowledge, the purity requirements are fulfilled. Nazdar strongly recommends that each customer and/or end-user independently determine the suitability of Nazdar product(s) under actual conditions of processing and end-use.

For additional Regulatory information, please refer to the Material Safety Data Sheet (MSDS) available at www.nazdar.com or contact the Regulatory Compliance Department via phone (913-422-1888), fax (913-422-2294) or email (regcomp@nazdar.com).

Nazdar
Regulatory Compliance Department

Revision Date: 3/11/2013



June 19, 2014

Dear Valued Customer,

RE: CPSIA 2008 Conformity Statement

Nazdar Company formulates with quality, safety and the environment in mind. Based on information from our suppliers, testing data and/or formulation analysis, we can issue the following statements regarding the below products:

N1200 Series	3400 Series	6400 Series	
1400 Series	3500 Series	8300 Series	240 Series Inkjet
1500 Series	3600 Series	9200 Series	260 Series Inkjet
1600 Series	3800 Series	9300 Series	265 Series Inkjet
1800 Series	3900 Series	9400 Series	760 Series Inkjet
1900 Series	4000 Series	NFX Series	7300 Series Inkjet
2300 Series	4100 Series	NSC Series	7400 Series Inkjet
2400 Series	4200 Series	OPV Series	7450 Series Inkjet
2600 Series	4300 Series		7470 Series Inkjet
N3100 Series	5300 Series		
3200 Series	6300 Series		

- The above product(s) are manufactured in compliance with the following 2008 CPSIA (Consumer Product Safety Improvement Act) requirements:
 - 16 CFR, Part 1303, Lead in Paint (<90 ppm lead)
 - CPSIA Section 101, Lead Content in Substrates (<100 ppm lead)
 - CPSIA 2008, Section 108, Phthalates (<1000ppm DEHP, DBP, BBP, DINP, DIDP, DNOP)

Compliance for the above mentioned product is based on raw material supplier information and the Nazdar formula. This information can be used for compliance with the regulations listed above without any formal guarantee as the product(s) are not analyzed on a regular basis. However, based on our experience and knowledge, the purity requirements are fulfilled. Nazdar strongly recommends that each customer and/or end-user independently determine the suitability of Nazdar product(s) under actual conditions of processing and end-use.

For additional Regulatory information, please refer to the Material Safety Data Sheet (MSDS) available at www.nazdar.com or contact the Regulatory Compliance Department via phone (913-422-1888), fax (913-422-2294) or email (regcomp@nazdar.com).

Nazdar
Regulatory Compliance Department

Revision Date: 6/19/2014



Printcolor pad printing ink lines Series 752

fulfils following regulation (1) / is free of - apart from ubiquitous traces (2) / see also MSDS

- (2) Heavy metals according to DIN EN 71, part 3 (excl. Ba as Bariumsulfat)
- (2) Heavy metals according to ASTM Standard F 963-03 (excl. Ba as Bariumsulfat)
- (2) Listed Azo compounds
- (2) Tin (Sn) and silver (Ag) and such alloy's
- (2) Formaldehyd (exception: fluorescent colors)
- (2) Latex-products
- (2) No epoxy or polycarbonate used during manufacturing
- (2) BPA (CAS-No. 80-05-7) is not intentionally added
- (1) 16 C.F.R.1303 (Ban of Lead-Containing Printing inks; Lead not intentionally added)
- (1) EU-Richtlinie 2011/65/EG (Restriction of Hazardous Substances / RoHS)
- (1) EU-Richtlinie 2002/96/EG (Waste Electrica and Electronic Equipment amending / WEEE)
- (1) EU-Richtlinie 2005/84/EG (Phthalates in toys and baby articles)
- (1) EU-Richtlinie 2003/11/EG (Brominated organic compounds, f. e. PBB, TBBP-A-bis, Pbdiphenylethers)
- (1) Verordnung (EG) Nr.1907/2006 (Reach incl. SVHC –June 2013)
- (1) EU-Richtlinie 2000/53/EG („Altfahrzeuggesetz“)
- (1) Class VI Test – USP (Black and White)

Member of IMDS / IMDS-ID 9448512

SONY Green Partner since 2003

CERTIFICATE

November 28, 2013
Printcolor Screen Ltd.

Richard Gähwiler
HSE Manager