



TEST REPORT

Test Report # 17H-003411(A2) Date of Report Issue: May 12, 2017
 Date of Sample Received: May 8, 2017 Pages: Page 1 of 7

CLIENT INFORMATION:

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



SAMPLE INFORMATION:

Description:	S1 UV Inkjet Ink, Cyan, Magenta, Yellow, Black, White, Varnish		
Assortment:	-	Purchase Order Number:	-
SKU/style No.:	-	Toy Co./Agency:	-
Factory/Supplier/Vendor:	-	Country of Origin:	United States
Country of Distribution:	-	Labeled Age Grade:	-
Quantity Submitted:	1 lot	Recommended Age Grade:	-
Testing Period:	05/08/2017 – 05/12/2017	Tested Age Grade:	-

OVERALL RESULT:

PASS

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

ANSECO GROUP (HK) LIMITED

Loska Yeung Lok Ka
 Assistant 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	EN 71-3:2013+A1:2014 Safety of Toys Part 3, Migration of Certain Elements – General Elements

**DETAILED RESULTS:****EN 71-3:2013+A1:2014 Safety of Toys Part 3, Migration of Certain Elements – General Elements**

Test Method: EN 71-3:2013+A1:2014

Analytical Method: Inductively Coupled Plasma-Mass Spectrometry

Category III: Scraped-off materials

Specimen No.	1	2	3	4	RL (mg/kg)	Limit (mg/kg)
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)		
Soluble Aluminum (Al)	ND	ND	3	3	2	70,000
Soluble Antimony (Sb)	ND	ND	ND	ND	2	560
Soluble Arsenic (As)	ND	ND	ND	ND	2	47
Soluble Barium (Ba)	ND	ND	ND	ND	2	18,750
Soluble Boron (B)	ND	ND	ND	ND	2	15,000
Soluble Cadmium (Cd)	ND	ND	ND	ND	2	17
Soluble Chromium (Cr)	ND	ND	ND	ND	0.05	0.2 ^A
Soluble Cobalt (Co)	ND	ND	ND	ND	2	130
Soluble Copper (Cu)	ND	ND	ND	7	2	7,700
Soluble Lead (Pb)	ND	ND	ND	ND	2	160
Soluble Manganese (Mn)	ND	ND	ND	ND	2	15,000
Soluble Mercury (Hg)	ND	ND	ND	ND	2	94
Soluble Nickel (Ni)	ND	ND	ND	ND	2	930
Soluble Selenium (Se)	ND	ND	ND	ND	2	460
Soluble Strontium (Sr)	ND	ND	ND	ND	2	56,000
Soluble Tin (Sn)	ND	ND	3	ND	2	180,000 / 4.9 ^B
Soluble Zinc (Zn)	ND	ND	ND	ND	2	46,000
Conclusion	PASS	PASS	PASS	PASS		

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**DETAILED RESULTS:****EN 71-3:2013+A1:2014 Safety of Toys Part 3, Migration of Certain Elements – General Elements**

Test Method: EN 71-3:2013+A1:2014

Analytical Method: Inductively Coupled Plasma-Mass Spectrometry

Category III: Scraped-off materials

Specimen No.	5	6	---	---	RL (mg/kg)	Limit (mg/kg)
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)		
Soluble Aluminum (Al)	ND	ND	---	---	2	70,000
Soluble Antimony (Sb)	ND	ND	---	---	2	560
Soluble Arsenic (As)	ND	ND	---	---	2	47
Soluble Barium (Ba)	ND	ND	---	---	2	18,750
Soluble Boron (B)	ND	ND	---	---	2	15,000
Soluble Cadmium (Cd)	ND	ND	---	---	2	17
Soluble Chromium (Cr)	ND	ND	---	---	0.05	0.2 ^A
Soluble Cobalt (Co)	ND	ND	---	---	2	130
Soluble Copper (Cu)	ND	ND	---	---	2	7,700
Soluble Lead (Pb)	ND	ND	---	---	2	160
Soluble Manganese (Mn)	ND	ND	---	---	2	15,000
Soluble Mercury (Hg)	ND	ND	---	---	2	94
Soluble Nickel (Ni)	ND	ND	---	---	2	930
Soluble Selenium (Se)	ND	ND	---	---	2	460
Soluble Strontium (Sr)	ND	ND	---	---	2	56,000
Soluble Tin (Sn)	ND	ND	---	---	2	180,000 / 4.9 ^B
Soluble Zinc (Zn)	ND	ND	---	---	2	46,000
Conclusion	PASS	PASS	---	---		

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*Note:*

mg/kg = Milligrams per kilogram

LT = Less than

ND = Not detected. Result value is less than reporting limit (RL).

A = Limit of chromium (VI). When the migration of total chromium [i.e. chromium (III) + chromium (VI)] is below the maximum limit for chromium (VI), it can be inferred that the material complies with the requirements for both chromium (III) and chromium (VI).

B = Adjusted limit of organic tin. The regulatory limit of organic tin is 12 mg/kg. The adjusted limit of organic tin is used when the migration of elemental tin (i.e. both inorganic and organic tin) is inferred that material complies with the requirement of organic tin. The migration of organic tin is expressed as tributyl tin.



SPECIMEN DESCRIPTION:

Specimen No.	Specimen Description	Location
1	Yellow ink	Raw material
2	Black ink	Raw material
3	White ink	Raw material
4	Blue ink	Raw material
5	Red ink	Raw material
6	Transparent ink	Raw material



SAMPLE PHOTO:



-End Report-