



**Hong Kong Standards and Testing Centre**  
 10 Dai Wang Street, Tai Po Industrial Estate, NT, Hong Kong  
 Tel: (852) 2666 1888 Fax: (852) 2663 9612 Email: tcd@hksitic.com

**International Toy Safety Standards and Regulations**

Test Item	Australia & New Zealand	Canada	Europe	Japan	U.S.A.
Physical and Mechanical Test	AS/NZS ISO 8124-1	Hazardous Products (Toys) Regulations	EN71 Part 1 & 6	Toy Safety Standard Part 1	CPSC or ASTM F963
Flammability Test (Fabric)	AS/NZS ISO 8124-2	Hazardous Products (Toys) Regulations	EN71 Part 2	Toy Safety Standard Part 2	16 CFR 1610
Flammability Test (Other materials)	AS/NZS ISO 8124-2	Hazardous Products (Toys) Regulations	EN71 Part 2	Toy Safety Standard Part 2	16 CFR 1500.44
Toxic Elements Test	AS/NZS ISO 8124-3	Hazardous Products Act	EN71 Part 3	Toy Safety Standard Part 3	16 CFR 1303
Experimental Sets for Chemistry	-	-	EN71 Part 4	-	ASTM F963 /
Chemical Toy (Sets) Other Than Experimental Sets	-	-	EN71 Part 5	-	-
Stuffing Cleanliness (Visual)	AS/NZS ISO 8124-1	Hazardous Products (Toys) Regulations	EN71 Part 1	-	ASTM F963
Stuffing Cleanliness (Chemical)	-	-	-	-	A.O.A.C. Chap. 16 Pennsylvania Regulation
Organic Chemicals	-	-	EN71 Part 9	-	-
Children's Jewelry	-	Children's Jewelry Regulations	-	Toy Safety Standard Additional requirement	CPSC Enforcement Policy 15 USC clause 1261 (X1)(A) 15 USC clause 1261 (X)(X)(A)
Phthalates	-	-	Directive 2005/18/EC (6 phthalates)	Toy Safety Standard Part 3 Food Sanitation Law (DEHP & DINP)	ASTM D3421 (DEHP) California Prop 65
Release of Nickel	-	-	Directive 94/27/EC	-	-
Total Cadmium	-	-	Directive 91/238/EEC	-	-
Microbiological Test	NSW Product Safety Order (Australia only)	-	Directive 98/83/EC	-	USP 61 & USP 31
Electrical Toy Safety	AS/NZS ISO 8124-1	-	EN 60825	-	ASTM F963
Electromagnetic Compatibility	AS/NZS CISPR 14 C-Track (RF toys)	-	EN 55014-1/55014-2 R&TE (RF toys)	-	FCC Part 15 (RE toys)
Food Container	-	-	Directive 2002/72/EC	Food Sanitation Law Section IV	FDA and California Prop 65
Packaging Material	-	-	Directive 94/62/EC	-	CONEG

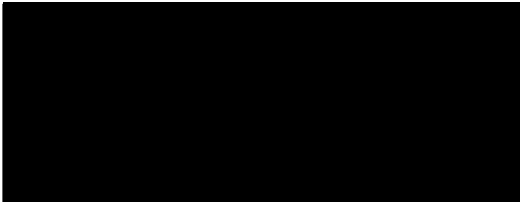
06/03/04



Test Report

No. [Redacted]

Date: Sep 13 2007 Page 1 of 7



The following sample was submitted and identified on behalf of the client as :

[Redacted] OFFSET PRINTING INK (MAGENTA, YELLOW, CYAN, BLACK)

SGS Job No. :  
Style No :

Supplier :  
Country of Destination :

Date of Sample(s) Received : SEP 04 2007  
Testing Period : SEP 04 - 12 2007

Test Requested/  
Test Method :  
- To determine the total Lead and soluble heavy metals content according to the Standard Consumer Safety Specification for Toy Safety, ASTM F963-07. Total Lead content: With reference to ASTM E1645-01 and E1613-04. Soluble Heavy Metal contents: With reference to ASTM F963-07 Clause 8.3. Analysis was performed by ICP/AAS.  
- To determine the soluble heavy metals content according to the European Standard on Safety of Toys, EN 71 Part 3:1994 + A1: 2000, by ICP/AAS.

Test Results : Please refer to next page.

Conclusion :  
- When tested as specified, the submitted sample complies with the Total Lead and Soluble Heavy Metal requirements stated in Standard Consumer Safety Specification for Toy Safety, ASTM F963-07.

When tested as specified, the submitted sample complies with the stated requirements of the European Standard EN 71 Part3:1994 + A1: 2000. (Note : EN 71:1994 + A1:2000, BS EN71:1995 and BS5665:1995 are identical)

This document is issued by the Company subject to its General Conditions of Service printed overleaf or available on request and accessible at [www.sgs.com](http://www.sgs.com). Attention is drawn to the limitations of liability, indemnification and jurisdictional issues defined therein. Unless otherwise stated: (a) the results shown in this document refer only to the sample(s) tested and (b) such sample(s) are retained for 30 days only. This document cannot be reproduced except in full, without prior approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this report is unlawful and offenders may be prosecuted to the fullest extent of the law.



**Test Report**

No. [REDACTED]

Date: Sep 13 2007

Page 2 of 7

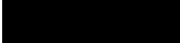
Signed for and on behalf of  
SGS Hong Kong Ltd.

Ho Ka Ting Family  
Senior Laboratory Executive

This document is issued by the Company subject to its General Conditions of Service printed overleaf or available on request and accessible at [www.sgs.com](http://www.sgs.com). Attention is drawn to the limitations of liability, indemnification and jurisdictional issues defined therein. Unless otherwise stated: (a) the results shown in this document refer only to the sample(s) tested and (b) such sample(s) are retained for 30 days only. This document cannot be reproduced except in full, without prior approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this report is unlawful and offenders may be prosecuted to the fullest extent of the law.



**Test Report**

No. 

Date: Sep 13 2007

Page 3 of 7

Test Results:

ASTM F963-07 Total Lead Content

	<u>1</u>	<u>2</u>	<u>3</u>	<u>DL</u>	<u>Limit</u>
Total Lead (Pb)	n.d.	n.d.	n.d.	20	600
	<u>4</u>			<u>DL</u>	<u>Limit</u>
Total Lead (Pb)	n.d.			20	600

Note :

- (1) Unit: mg/kg = ppm
- (2) DL = Detection Limit
- (3) n.d. = Not Detected

Remark: Results shown are of the adjusted analytical result.





Test Report

No. [REDACTED]

Date: Sep 13 2007

Page 4 of 7

ASTM F963-07 Soluble Heavy Metals Contents

	1	2	3	DL	Limit
Soluble Lead (Pb)	n.d.	n.d.	n.d.	5	90
Soluble Antimony (Sb)	n.d.	n.d.	n.d.	5	60
Soluble Arsenic (As)	n.d.	n.d.	n.d.	5	25
Soluble Barium (Ba)	n.d.	n.d.	n.d.	10	1000
Soluble Cadmium (Cd)	n.d.	n.d.	n.d.	5	75
Soluble Chromium (Cr)	n.d.	n.d.	n.d.	5	60
Soluble Mercury (Hg)	n.d.	n.d.	n.d.	6.7	60
Soluble Selenium (Se)	n.d.	n.d.	n.d.	10	500
	4			DL	Limit
Soluble Lead (Pb)	n.d.			5	90
Soluble Antimony (Sb)	n.d.			5	60
Soluble Arsenic (As)	n.d.			5	25
Soluble Barium (Ba)	n.d.			10	1000
Soluble Cadmium (Cd)	n.d.			5	75
Soluble Chromium (Cr)	n.d.			5	60
Soluble Mercury (Hg)	n.d.			6.7	60
Soluble Selenium (Se)	n.d.			10	500

This document is issued by the Company subject to its General Conditions of Service printed overleaf or available on request and accessible at [www.sgs.com](http://www.sgs.com). Attention is drawn to the limitations of liability, indemnification and jurisdictional issues defined therein. Unless otherwise stated: (a) the results shown in this document refer only to the sample(s) tested and (b) such sample(s) are retained for 30 days only. This document cannot be reproduced except in full, without prior approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this report is unlawful and offenders may be prosecuted to the fullest extent of the law.



Test Report

No. [REDACTED]

Date: Sep 13 2007

Page 5 of 7

EN71-3 Soluble Heavy Metal Contents

	<u>1</u>	<u>2</u>	<u>3</u>	<u>DL</u>	<u>Limit</u>
Soluble Lead (Pb)	n.d.	n.d.	n.d.	5	90
Soluble Antimony (Sb)	n.d.	n.d.	n.d.	5	60
Soluble Arsenic (As)	n.d.	n.d.	n.d.	5	25
Soluble Barium (Ba)	n.d.	n.d.	n.d.	10	1000
Soluble Cadmium (Cd)	n.d.	n.d.	n.d.	5	75
Soluble Chromium (Cr)	n.d.	n.d.	n.d.	5	60
Soluble Mercury (Hg)	n.d.	n.d.	n.d.	6.7	60
Soluble Selenium (Se)	n.d.	n.d.	n.d.	10	500
	<u>4</u>			<u>DL</u>	<u>Limit</u>
Soluble Lead (Pb)	n.d.			5	90
Soluble Antimony (Sb)	n.d.			5	60
Soluble Arsenic (As)	n.d.			5	25
Soluble Barium (Ba)	n.d.			10	1000
Soluble Cadmium (Cd)	n.d.			5	75
Soluble Chromium (Cr)	n.d.			5	60
Soluble Mercury (Hg)	n.d.			6.7	60
Soluble Selenium (Se)	n.d.			10	500

Note :

- (1) Unit: mg/kg = ppm
- (2) DL = Detection Limit
- (3) n.d. = Not Detected

Remark: Results shown are of the adjusted analytical result.

Sample Description

- 1 Red Ink
- 2 Yellow Ink
- 3 Blue Ink
- 4 Black Ink

This document is issued by the Company subject to its General Conditions of Service printed overleaf or available on request and accessible at [www.sgs.com](http://www.sgs.com). Attention is drawn to the limitations of liability, indemnification and jurisdictional issues defined therein. Unless otherwise stated: (a) the results shown in this document refer only to the sample(s) tested and (b) such sample(s) are retained for 30 days only. This document cannot be reproduced except in full, without prior approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this report is unlawful and offenders may be prosecuted to the fullest extent of the law.

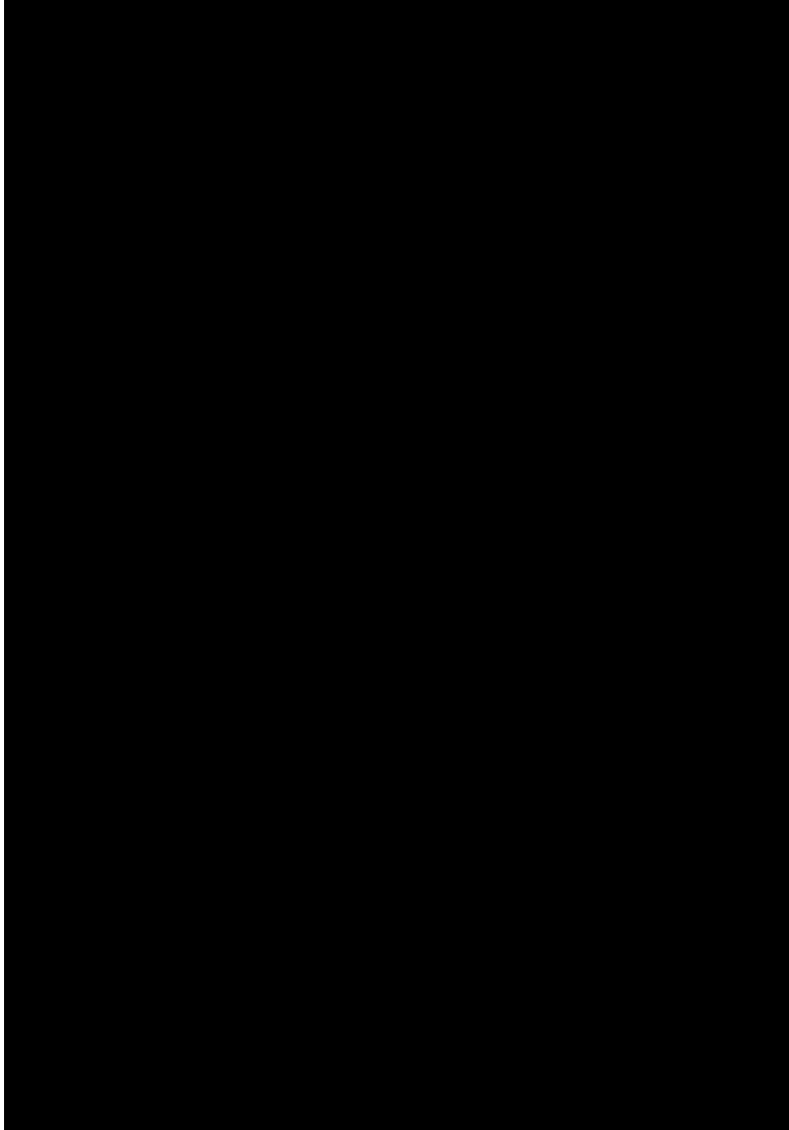
## Test Report

No. [REDACTED]

Date: Sep 13 2007

Page 6 of 7

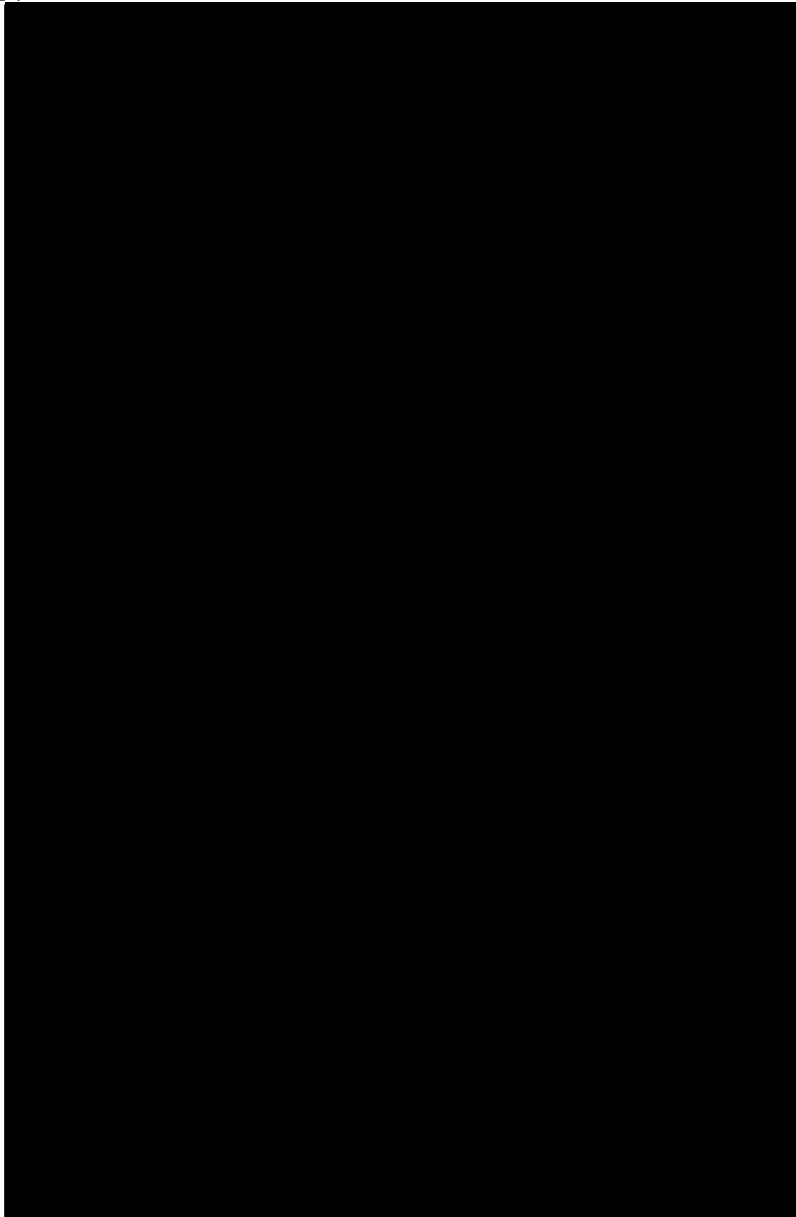
Sample photo:



This document is issued by the Company subject to its General Conditions of Service printed overseas or available on request and accessible at [www.sgs.com](http://www.sgs.com). Attention is drawn to the limitations of liability, indemnification and jurisdictional issues defined therein. Unless otherwise stated: (a) the results shown in this document refer only to the sample(s) tested and (b) such sample(s) are retained for 30 days only. This document cannot be reproduced except in full, without prior approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this report is unlawful and offenders may be prosecuted to the fullest extent of the law.

Sgl. Rd. 8 280 230 Metropola Square 2 (in Yau Street, Sai Lei Yuen, Shatin, N.T., Hong Kong) t (852) 2334 4481 f (852) 2784 3175 [www.hk.sgs.com](http://www.hk.sgs.com)

Member of the SGS Group (SAS SAI)



This document is issued by the Company subject to its General Conditions of Service printed overleaf or available on request and accessible at [www.sgs.com](http://www.sgs.com). Attention is drawn to the limitations of liability, indemnification and jurisdictional issues defined therein. Unless otherwise stated: (a) the results shown in this document refer only to the sample(s) tested and (b) such sample(s) are retained for 30 days only. This document cannot be reproduced except in full, without prior approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this report is unlawful and offenders may be prosecuted to the fullest extent of the law.