



**TEST REPORT**

No. [REDACTED]

Date: 06 Jun 2008

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[REDACTED]

The following samples were submitted and identified on behalf of the client as  
[REDACTED]

Date of Sample Receipt : 10 Apr 2008  
Date of Test/s Performed : 16 Apr to 04 Jun 2008

**TESTING REQUESTED :**

For compliance with the Lead & Heavy Metal test requirements of ASTM F963-07 Standard Consumer Safety Specification on Toy Safety.

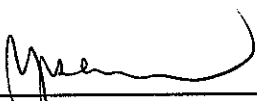
**RESULTS :**

Details please refer to next page.

**CONCLUSION :**

The submitted sample comply with the requested test requirements.

Signed for and on behalf of  
SGS Testing & Control Services Singapore Pte Ltd

  
\_\_\_\_\_  
Y C Tham (Ms)  
Laboratory Manager

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Results :

Paint & Similar Surface-coating Material (Clause 4.3.5.)

ASTM F963-07 -- Heavy Metals Analysis : Total Lead (Clause 4.3.5.1) #

TOTAL LEAD CONTENT – SAMPLES WERE DIGESTED IN NITRIC ACID (1+1) AND CONCENTRATED HYDROCHLORIC ACID BY MICROWAVE DIGESTION SYSTEM. ANALYSIS WAS PERFORMED BY ATOMIC ABSORPTION OR INDUCTIVELY COUPLED ARGON PLASMA SPECTROMETRY.

<u>Element</u>	<u>(1)</u>	<u>Limit</u>
Total Lead (Pb)	< 20	600 mg/kg

(Results shown are of the total weight of dry sample)

< = Less than

ASTM F963-07 – Heavy Metals Analysis : Soluble Heavy Metal (Clause 4.3.5.2) ##

SOLUBLE HEAVY METALS CONTENTS – SAMPLES WERE EXTRACTED BY DILUTE HYDROCHLORIC ACID IN ACCORDANCE WITH ASTM F963-07 (CLAUSE 8.3). ANALYSIS WAS PERFORMED BY ATOMIC ABSORPTION OR INDUCTIVELY COUPLED ARGON PLASMA SPECTROMETRY.

<u>Element</u>	<u>(1)</u>	<u>Limit</u>
Soluble Lead (Pb)	< 5	90 mg/kg
Soluble Antimony (Sb)	< 5	60 mg/kg
Soluble Arsenic (As)	< 5	25 mg/kg
Soluble Barium (Ba)	< 10	1000 mg/kg
Soluble Cadmium (Cd)	< 5	75 mg/kg
Soluble Chromium (Cr)	< 5	60 mg/kg
Soluble Mercury (Hg)	< 6.7	60 mg/kg
Soluble Selenium (Se)	< 10	500 mg/kg

Sample Description

1. White coating on Paper

Note : - < = Less than

- Results of soluble elements shown are of the adjusted analytical result.

# Tested by an SGS Lab 9(ref. 10127366/08(6))

## Tested by an SGS Lab (ref. 2191555/TY)

\*\*\* End of Report \*\*\*

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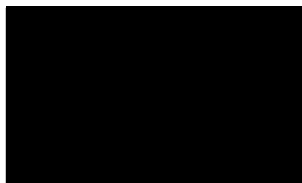


**TEST REPORT**

No. [REDACTED]

Date: 06 Jun 2008

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The following samples were submitted and identified on behalf of the client as:



Date of Sample Receipt : 10 Apr 2008  
Date of Test/s Performed : 16 to 22 Apr 2008

Test Requested

Result

For compliance with the European Standard on Safety of Toys :-  
- EN71 Part 3:1994 +A1:2000 – Migration of Certain Elements

Pass

\*\*\*\*\* FOR FURTHER DETAILS, PLEASE REFER TO THE FOLLOWING PAGE(S) \*\*\*\*\*

Signed for and on behalf of  
SGS Testing & Control Services Singapore Pte Ltd

  
\_\_\_\_\_  
Y C Tham (Ms)  
Laboratory Manager

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Test Results# :

- Migration of Certain Element

As specified in European standard on safety of toys EN71 PART 3 : 1994 +A1:2000 – Migration of certain element were performed by Atomic Absorption or Inductively Coupled Argon Plasma Spectrometry.

<u>Test item</u>	<u>1</u>	<u>Limit</u>
Soluble Lead (Pb)	< 5	90 mg/kg
Soluble Antimony (Sb)	< 5	60 mg/kg
Soluble Arsenic (As)	< 5	25 mg/kg
Soluble Barium (Ba)	< 10	1000 mg/kg
Soluble Cadmium (Cd)	< 5	75 mg/kg
Soluble Chromium (Cr)	< 5	60 mg/kg
Soluble Mercury (Hg)	< 6.7	60 mg/kg
Soluble Selenium (Se)	< 10	500 mg/kg

Sample Description :

1. White Paper w/White Coating

N.B. : - < = Less than  
 - Result shown are of the adjusted analytical result.

# Tested by an SGS Lab (ref. 2191555/TY)

\*\*\* End of Report \*\*\*

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