

# Test Report

Report No.: SHT09021000240

Page 1 of 4

**Client** : NANTONG GOLDEN PHOENIX TOY MANUFACTURING CO., LTD.  
**Address** : NO.869 NANYUAN MIDDLE ROAD QIDONG CITY JIANGSU CHINA

**Report on the submitted sample said to be:**

Sample Name : 8" Fancy Butterfly Outfit / Fancy Butterfly Outfit  
Item/Lot No. : 1230/20167  
Country of Origin : China  
Exported to : U.S.A  
Labelled Age Grading : Over three  
Age Group Applied in Testing : Over 3 years  
Sample Received Date : Feb.10, 2009  
Sample Tested Date : Feb.10, 2009 to Feb.16, 2009

**TEST REQUEST**

ASTM F963-07<sup>e1</sup> Standard Consumer Safety Specification for Toy Safety

**CONCLUSION**

**PASS**

**Test Results:** Please refer to next page(s)

Inspected by: Maggie , Approved by: Jacky Chan , Approved date: 2009-02-16  
General Manager



Building C, Hongwei Industrial Zone, Baoan 70 District, Shenzhen

# Test Report

Report No.: SHT09021000240

Page 2 of 4

**ASTM F963 -07<sup>e1</sup>**

AS SPECIFIED IN ASTM F963-07<sup>e1</sup> STANDARD CONSUMER SAFETY SPECIFICATION FOR TOY SAFETY.

<u>Clause</u>	<u>Description</u>	<u>Assessment</u>
4.	Safety Requirements	
4.1	Material Quality **.....	Pass
4.2	Flammability Test.....	N/A (See Note 1)
4.3	Toxicology	
4.3.5	Paint & Similar Surface-coating Material.....	Pass (See Note 2)
4.6	Small Objects.....	N/A
4.7	Accessible Edges.....	Pass
4.9	Accessible Points.....	Pass
4.18	Holes, Clearance and Accessibility of Mechanisms.....	Pass
5.	Safety Labeling Requirements	
5.2	Age Grading Labeling.....	Pass
7.	Producers Markings	
7.1	Producers Markings.....	Pass
8.	Test Method	
8.5	Normal Use Testing.....	Pass
8.7	Impact Test .....	Pass
8.8	Torque Test.....	Pass
8.9	Tension Test.....	Pass

\*\*Visual Examination

N/A = Not Applicable

Note 1:

Flammability Test (Clause 4.2)

Flammability Test on Textile Materials.....N/A

The samples are exempt from 16 CFR 1610.1(d)(1):plain surface fabric with weight>2.6OZ/sq.yd.

N/A = Not Applicable

Note 2 :

**ASTM F963-07<sup>e1</sup> CLAUSE 4.3.5 - PAINT & SIMILAR SURFACE-COATING MATERIAL**

Heavy Metals Analysis : Total Lead (Clause 4.3.5.1)

Acid Digestion Method was Used and Total Lead Content was Determined by Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES).

Building C, Hongwei Industrial Zone, Baoan 70 District, Shenzhen

# Test Report

Report No.: SHT09021000240

Page 3 of 4

Element	Result(mg/kg)		Limit (mg/kg)
	(1)	(2)	
Total Lead	< 5	< 5	600

**Tested Components:**

- (1) Black coating(label)
- (2) Multi-color coating(cloth)

Heavy Metals Analysis : Soluble Heavy Metal (Clause 4.3.5.2)

Acid Extraction Method was Used in accord with ASTM F963-07<sup>e1</sup> (Clause 8.3) and Toxic Elements Content were Determined by Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES).

Elements	Result (mg/kg)	Limit (mg/kg)
	Multi-color coating(cloth) (sample weight:56.9mg)	
Soluble Antimony (Sb)	<5	60
Soluble Arsenic (As)	<2.5	25
Soluble Barium (Ba)	98	1000
Soluble Cadmium (Cd)	<5	75
Soluble Chromium (Cr)	<2.5	60
Soluble Lead (Pb)	<5	90
Soluble Mercury (Hg)	<2.5	60
Soluble Selenium (Se)	<5	500

**Remark:**

- < = Less than
- mg/kg = Milligram per kilogram based on dry weight of sample
- Results shown of soluble elements are of adjusted analytical results by subtracting analytical correction factor
- Where the test portion has a mass of between 10mg and 100mg, the quantity of the appropriate elements shall be calculated as if 100mg of the test portion had been used.
- As received, the test portion of black coating(label) is less than 10mg, therefore such components were not tested for soluble elements, as specified in ASTM F963-07<sup>e1</sup> Clause 8.3.3.1 (2)
- As per client request, the results of total lead (1) is copied from CTI test report SZT09010800583.

**Note:**

- Only applicable clauses were shown.

Building C, Hongwei Industrial Zone, Baoan 70 District, Shenzhen

## Test Report

Report No.: SHT09021000240

Page 4 of 4

### Photo of the sample



\*\*\* End of report \*\*\*

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