

Test Report

Report No.: SHT09040700554

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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 : Girl's sun beach outfit
Item No. : 20245
Country of Origin : China
Exported to : U.S.A
Client Specified Age Grading : Over three
Labelled Age Grading : For ages 3 and up
Age Group Applied in Testing : Over 3 years
Sample Received Date : Apr.07, 2009
Sample Tested Date : Apr.07, 2009 to Apr.13, 2009

TEST REQUEST

ASTM F963-08 Standard Consumer Safety Specification for Toy Safety

CONCLUSION

PASS

Test Results: Please refer to next page(s)

Inspected by: Maggie , Approved by: Victor wang Approved date: 2009.04.13
Engineer Victor wang
Lab Manager



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ASTM F963 –08

AS SPECIFIED IN ASTM F963-08 STANDARD CONSUMER SAFETY SPECIFICATION FOR TOY SAFETY.

<u>Clause</u>	<u>Description</u>	<u>Assessment</u>
4.	Safety Requirements	
4.1	Material Quality (Visual Examination).....	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
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

N/A = Not Applicable

Note 1:

Flammability Test (Clause 4.2)

Flammability Test on Textile MaterialsN/A

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

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Note 2 :

ASTM F963-08 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).

<u>Element</u>	<u>Result(mg/kg)</u>				<u>Limit</u> (mg/kg)
	(1)	(2)	(3)	(4)	
Total Lead	<5	<5	<5	<5	600

Tested Components:

- (1) Black coating(label)
- (2) Multi-color coating with silver glitter(coat)
- (3) Silver radium coating(coat)
- (4) Silver coating(skirt)

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Heavy Metals Analysis : Soluble Heavy Metal (Clause 4.3.5.2)

Acid Extraction Method was Used in accord with ASTM F963-08 (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)
	(1)	(2)	(3)	(4)	
Soluble Antimony (Sb)	<5	<5	<5	<5	60
Soluble Arsenic (As)	<2.5	<2.5	<2.5	<2.5	25
Soluble Barium (Ba)	<5	<5	<5	88	1000
Soluble Cadmium (Cd)	<5	<5	<5	<5	75
Soluble Chromium (Cr)	<2.5	<2.5	<2.5	<2.5	60
Soluble Lead (Pb)	<5	<5	<5	<5	90
Soluble Mercury (Hg)	<2.5	<2.5	<2.5	<2.5	60
Soluble Selenium (Se)	<5	<5	<5	<5	500

Tested Components:

- (1) Black coating(label) (sample weight:15.0mg)
- (2) Multi-color coating with silver glitter(coat) (sample weight:10.6mg)
- (3) Silver radium coating(coat) (sample weight:20.0mg)
- (4) Silver coating(skirt)

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.

Note:

- Only applicable clauses were shown.

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Photo of the sample



*** End of report ***

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