

Test Report

Report No.: SHT09021000234

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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 Description : Duck Robe with Slippers
Item/Lot No. : 20121
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
1st Resubmitted Sample Date : Feb.25, 2009
2nd Resubmitted Sample Date : Mar.03, 2009
Sample Tested Date : Feb.10, 2009 to Mar.04, 2009

TEST REQUEST

ASTM F963-07^{e1} Standard Consumer Safety Specification for Toy Safety

Test Results: Please refer to next page(s)

CONCLUSION

PASS

Inspected by: Maggie, Approved by: Jacky Chan, Approved date: 2009-03-04
General Manager



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

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ASTM F963 – 07^{e1}

AS SPECIFIED IN ASTM F963-07^{e1} 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.....	Pass (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
4.28	Stuffed & Beanbag-Type Toy.....	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 Solid

<u>Sample</u>	<u>Burning Rate (inch/sec)</u>	<u>Limit (inch/sec)</u>
Duck Robe with Slippers	0.1*	0.1

*Burning rate has been rounded to the nearest one tenth of an inch per second.

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Note 2 :

ASTM F963-07^{e1} 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)	
Total Lead	< 5	< 5	< 5	600

Tested Components:

- (1) Black paint(dusk)
- (2) Orange paint(dusk)
- (3) Black coating(label)

Heavy Metals Analysis : Soluble Heavy Metal (Clause 4.3.5.2)

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

Remark:

- < = Less Than
- mg/kg = Milligram per kilogram based on dry weight of sample
- As received, the test portion of black coating(label), black coating(dusk) and orange coating(dusk) are less than 10mg, therefore such components were not tested for soluble elements, as specified in ASTM F963-07^{e1} Clause 8.3.3.1 (2)
- As per client request, total lead content was based on submitted wet paints and soluble heavy metals content were based on coatings scraped from the submitted samples.

Note:

- Only applicable clauses were shown.

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Photo of the sample



*** End of report ***

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