

## Test Report

No.: SZTYR090717731/TS

Date: AUG 25, 2009

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HAPPY ARTS & CRAFTS (NINGBO) CO., LTD  
HAPE INTERNATIONAL (NINGBO) LTD  
9-27 NANHAI ROAD, DAGANG INDUSTRIAL CITY,  
BEILUN, NINGBO, CHINA P.C. 315800

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

Name of Product/Item : BADEZIMMER / TRENDY BATHROOM

Details of Sample Received : BAMBOO PLAY SET INCLUDING: 1 SHELF, 1 COMMODE, 1 MIRROR,  
1 BATHTUB, 1 FLOWER, 2 BOTTLES, 3 PIECES OF TOWEL AND 2  
MATS.

Sample Quantity : 2 PCS  
Style / Item No. : 821509 / 897569  
Manufacturer : HAPE INTERNATIONAL (NINGBO) LTD  
Country of Origin : CHINA  
Country of Destination : GLOBAL  
Labeled Age Grading : 3-99 YEARS  
Requested Age Grading : 3+  
Age Group Applied in Testing : OVER 3 YEARS  
Sample Receiving Date : JUL 13, 2009  
Further Information Date : AUG 20, 2009  
Testing Period : JUL 13, 2009 TO AUG 25, 2009

TEST REQUESTED : For compliance with the test requirement of ASTM F963-08 Standard Consumer Safety Specification on Toy Safety.

RESULTS : Details please refer to next page.

CONCLUSION : The submitted samples comply with the requested test requirements.

Signed for and on behalf of  
SGS-CSTC Ltd.



Zhang Wei, Merry  
Section Manager

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ASTM F963 - 08

AS SPECIFIED IN ASTM F963-08 STANDARD CONSUMER SAFETY SPECIFICATION ON TOYS SAFETY.

<u>Clause</u>	<u>Description</u>	<u>Result</u>
4.	<u>Safety Requirements</u>	
4.1	Material Quality ** .....	<u>Pass</u>
4.2	Flammability Test.....	<u>Pass</u> <u>(See Note 1)</u>
4.3	Toxicology	
4.3.5	Paint & Similar Surface-coating Material.....	<u>Pass</u> <u>(See Note 2)</u>
4.6	Small Objects	
4.6.3	Toys and games that are intended for use by children who at least three years old but less than six years old.....	<u>Pass</u>
4.7	Accessible Edges.....	<u>Pass</u>
4.9	Accessible Points.....	<u>Pass</u>
4.10	Wires or Rods .....	<u>Pass</u>
4.13	Folding Mechanisms & Hinges..... (Remark: not applicable because of the weight of part link with hinge is less than 0.5lb.)	<u>N/A</u>
4.18	Holes, Clearance & Accessibility of Mechanisms.....	<u>Pass</u>
5.	<u>Safety Labeling Requirements</u>	
5.2	Age Grading Labeling.....	<u>Pass</u>
5.3	Safety Labeling Requirements.....	<u>Pass</u>
5.11	Small Objects, Small Balls, Marbles, and Balloons.....	<u>Pass</u>
7.	<u>Producer's Markings</u>	
7.1	Producer's Markings.....	<u>Pass</u>
8.	<u>Test Method</u>	
8.5	Normal Use Testing.....	<u>Pass</u>
8.7	Impact Test.....	<u>Pass</u>
8.8	Torque Test.....	<u>Pass</u>
8.9	Tension Test.....	<u>Pass</u>
8.10	Compression Test.....	<u>Pass</u>
8.12	Flexure Test.....	<u>Pass</u>

\*\*Visual Examination

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>
BADEZIMMER / TRENDY BATHROOM	0.04 (IBE)	0.1

- IBE = Ignite But Self-Extinguished

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**Note 2 :**

Paint & Similar Surface-coating Material (Clause 4.3.5)

ASTM F963-08 - 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 SPECTROMETER.

Specimen Description	Total Pb Result (mg/kg)	Limit* (mg/kg)
1. Transparent lacquer coating on bamboo (Bathroom set)	< 10	90
2. Orange coating on bamboo (Shelf, flower pot)	< 10	90
3. White coating on bamboo (Bathroom set)	< 10	90
4. Grey (Valve) w/ red, blue (Cap), red, white (Logo) coating on bamboo	< 10	90

\* The total Pb requirement shall comply with the lead content provisions of 16 CFR 1303, issued under the Consumer Product Safety Act (CPSA) , while according to CPSA requirement the 90mg/kg limit requirement effective 14 August, 2009.

- < = Less than
- Results shown are of the total weight of dry sample.
- Results of specimen No.1-No.3 are copied from report No. SZTYR090743674/LP.
- Result of specimen No.4 is copied from report No. SZTYR090743656/LP.

ASTM F963-08 - 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 F963-08 (CLAUSE 8.3).

ANALYSIS WAS PERFORMED BY INDUCTIVELY COUPLED PLASMA ATOMIC EMISSION SPECTROMETER.

Element	Pb	Sb	As	Ba	Cd	Cr	Hg	Se	Mass of trace amount (mg)
<b>Soluble Limit (mg/kg)</b>	90	60	25	1000	75	60	60	500	
Specimen Description	Adjusted Soluble Result (mg/kg)								
1. Transparent lacquer coating on bamboo (Bathroom set)	<5	<5	<5	<10	<5	<5	<6.7	<10	/
2. Orange coating on bamboo (Shelf, flower pot)	<5	<5	<5	<10	<5	<5	<6.7	<10	58.2
3. White coating on bamboo (Bathroom set)	<5	<5	<5	<10	<5	<5	<6.7	<10	/
4. Grey coating on bamboo (Valve)	<5	<5	<5	<10	<5	<5	<6.7	<10	97.8

- < = Less than
- As received, the test portion of red, blue (Cap), red, white (Logo) are less than 10mg, therefore such components were not tested for soluble elements, as specified in ASTM F963-08 Clause 8.3.3.1 (2).
- Results of soluble elements shown are of the adjusted analytical results.
- Results of specimen No.1-No.4 are copied from report No. SZTYR090717740/TS.

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N.B. : - Only applicable clauses were shown.

### Sample Photo:



SGS authenticate the photo on original report only

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

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