



## Test Report

No.: SZTYR100203216/TS

Date: FEB 22, 2010

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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 : MARACAS / EARLY MELODIES MARACAS

Details of Sample Received : PLAY SET INCLUDING: 2 WOODEN AND PLASTIC MARACAS WITH METAL PELLETS INSIDE. PRINTED BOX PACKED.

Sample Quantity : 2 SETS

Style / Item No. : 861362 / 861262

Manufacturer : HAPE INTERNATIONAL (NINGBO) LTD

Country of Origin : CHINA

Country of Destination : GLOBAL

Labeled Age Grading : 12 M+

Requested Age Grading : 12 M+

Age Group Applied in Testing : ALL AGES

Sample Receiving Date : FEB 04, 2010

Testing Period : FEB 04, 2010 TO FEB 22, 2010

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

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.

  
Zhou Xinkuan, SK  
Dept. Manager

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## ASTM F963 - 08

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

Clause	Description	Result
4.	<u>Safety Requirements</u>	
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)
4.5	Sound-producing Toys	Pass
4.6	Small Objects	
4.6.1	Toys that are intended for children under 36 months of age	Pass
4.7	Accessible Edges	Pass
4.9	Accessible Points	Pass
4.23	Rattles	Pass
5.	<u>Safety Labeling Requirements</u>	
5.2	Age Grading Labeling	Pass
7.	<u>Producer's Markings</u>	
7.1	Producer's Markings	Pass
8.	<u>Test Method</u>	
8.5	Normal Use Testing	Pass
8.7	Impact Test	Pass
8.8	Torque Test	Pass
8.9	Tension Test	Pass

\*\*Visual Examination

### Note 1 :

Flammability Test (Clause 4.2)

Flammability Test on Solid

Sample	Burning Rate (inch/sec)	Limit (inch/sec)
MARACAS / EARLY	DNI	0.1
MELODIES MARACAS		

- DNI = Did Not Ignite

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SZTY 2398373

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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 - CPSC TEST METHOD: CPSC-CH-E1003-09.

Specimen Description	Total Pb Result (mg/kg)	Limit# (mg/kg)
1. Blue coating on plywood (Rattle)	< 10	90
2. Red coating on plywood (Rattle)	35	90
3. Kelly (Rattle) w/ black (Lettering), brown (Logo) coating on plywood	< 10	90
4. Transparent lacquer coating on plywood	< 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 of specimen No.1-No.3 are copied from report No. SZTYR100208401/LP.
- Result of specimen No.4 is copied from report No. SZTYR100208405/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	
<b>Specimen Description</b>	<b>Adjusted Soluble Result (mg/kg)</b>								
1. Blue coating on plywood (Rattle)	<5	<5	<5	<10	<5	<5	<5	<10	29.5
2. Red coating on plywood (Rattle)	<5	<5	<5	<10	<5	<5	<5	<10	24.5
3. Kelly coating on plywood (Rattle)	<5	<5	<5	<10	<5	<5	<5	<10	23.8
4. Transparent lacquer coating on plywood	<5	<5	<5	<10	<5	<5	<5	<10	50.7

- < = Less than
- As received, the test portion of black (Lettering), brown (Logo) coating on plywood 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.3 are copied from report No. SZTYR100203217/TS.
- Results of specimen No.4 are copied from report No. SZTYR100203234/TS.

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

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### Sample Photo:



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