

# TEST REPORT

NO.: A002T140822208-5R01

Date: Aug. 28, 2014

Page 1 of 5

**Customer:** Artistic Toy Mfg., Inc.

**Address:** 1405 South Albert St. Allentown, PA 18103 USA

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

**Sample name:** 6"SPIDER

**Model:** TR6SPIDER

**Item/Lot No.:** PO#20534

**Material:** 4 COLOR NYLEX

**Description:** LAYING SPIDER

**Buyer:** /

**Supplier:** CHINA NINGBO CIXI IMP & EX. CORP

**Manufacturer:** ZHENJIANG TIANRUN TOY CO.,LTD.

**Country of Origin:** CHINA

**Country of Destination:** USA

**Labeled Age Grading:** /

**Requested Age Grading:** ALL AGES

**Sample received date:** Aug. 22, 2014

**Testing period:** From Aug. 22, 2014 to Aug. 28, 2014

**Testing Requested:**

1. ASTM Standard Consumer Safety Specification on Toy Safety F 963-11

- ASTM F 963-11: Physical & Mechanical Tests

- ASTM F 963-11: Flammability Tests

- ASTM F 963-11: Heavy Metal and Lead Content

2. As specified by client, to determine DEHP、DBP、BBP、DINP、DNOP and DIDP content in the submitted sample(s) in accordance with Consumer Product Safety Improvement Act of 2008 (H.R. 4040) section 108--Prohibition on sale of certain products containing specified phthalates.

3.As specified by client, to determine the Lead content in the submitted sample in accordance with Consumer Product Safety Improvement Act of 2008 (H.R. 4040) section 101--Prohibition on sale of certain products containing lead.

**Conclusion:**

Meet

Meet

Meet

Meet

Meet

\*\*\*\*\*FOR FURTHER DETAILS, PLEASE REFER TO THE FOLLOWING PAGE(S)\*\*\*\*\*

Signed for and on behalf of

Shenzhen AOV Testing Technology Co., Ltd, Kunshan Branch

Project Leader:

*Robin*

Chen Wu, Robin  
Chemical Test Director

Reviewed by:

*Maggie*

Li Tingting, Maggie  
Technical Director

Approved by:

*Weikin*

Wang Weixin, Weikin  
Authorized Signatory



# TEST REPORT

NO.: A002T140822208-5R01

Date: Aug. 28, 2014

Page 2 of 5

## Test Results:

### ASTM F 963-11: Mechanical and physical hazards

Section	Description	Results
4	Safety requirements	--
4.1	Material Quality	M
4.2	Flammability	M
4.6	Small Objects	M
4.7	Accessible Edges	M
4.9	Accessible Points	M
4.27	Stuffed and Beanbag-Type Toys	M
7	Producer's Markings	--
7.1	Name and Address of the Producer or Distributor Remark: Either a principal component of a toy or the package of a toy shall be marked with the name and address of producer or the distributor. In the case of toys sold in bulk, such as jacks or marbles, only the container need be marked. All of these markings shall be legible and so positioned as to be seen easily by the customer and shall resist normal use conditions. Toys may carry a code that will enable the producer to identify model changes except for toys comprising many loose components, in which case the container may be so coded.	M

Note: M=Meet, N/A=Not Applicable

### ASTM F 963-11: Flammability testing procedure for solids and soft toys

Ref: ASTM F 963-11 Section 4.2

Method used: Federal Hazardous Substances Act (FHSA) 16 CFR 1500.44

Requirement: The burn rate shall not exceed 0.1in. per second.

Result: The burn rate of the sample is 0.016 in/s.

### Sample Description

No.	Sample name
5.1	BULE NYLEX
5.2	GREEN NYLEX
5.3	YELLOW NYLEX
5.4	PURPLE NYLEX
5.5	BLACK PLASTIC EYES
5.6	WHITE INK



# TEST REPORT

NO.: A002T140822208-5R01

Date: Aug. 28, 2014

Page 3 of 5

**ASTM F 963-11: Heavy metals analysis**

Ref: ASTM F 963-11 Section 4.3.5.2 in substrate and coating

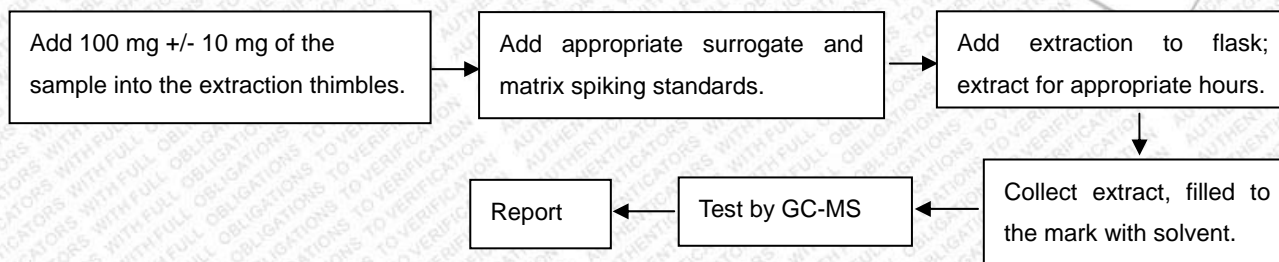
Soluble Element	Cadmium (Cd)	Lead (Pb)	Chromium (Cr)	Mercury (Hg)	Antimony (Sb)	Barium (Ba)	Arsenic (As)	Selenium (Se)
Unit								
MQL	5	5	5	5	5	5	5	5
Limit	75	90	60	60	60	1000	25	500
Code								
Result	5.1	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
	5.2	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
	5.3	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
	5.4	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
	5.5#	N.D.	N.D.	N.D.	N.D.	N.D.	7.0	N.D.
	5.6#	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.

**Note:**

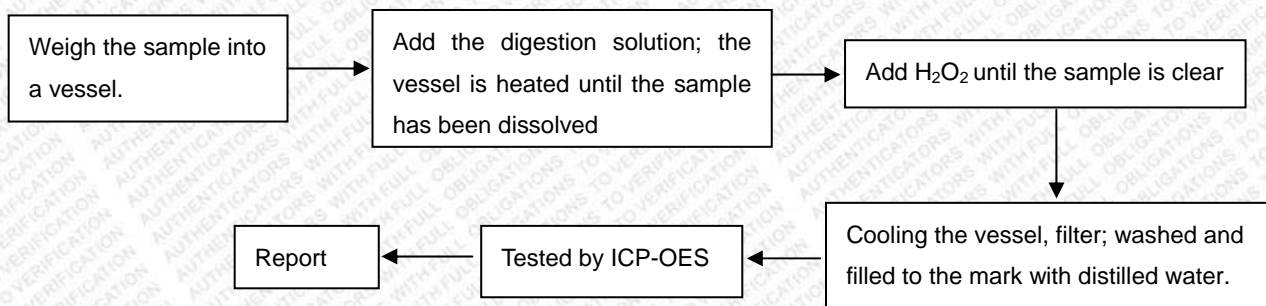
- Results shown are of the adjusted analytical results.

**2. 6P and total lead**
**Test Flow:**

1.To Determine DEHP、DBP、BBP、DINP、DNOP and DIDP Content:



2.To Determine Lead Content:





# TEST REPORT

NO.: A002T140822208-5R01

Date: Aug. 28, 2014

Page 4 of 5

**Test method:**

Test Item	Test Method	Test Instrument
DEHP、DBP、BBP、DINP、DNOP and DIDP	CPSC-CH-C1001-09.3	GC-MS
Total Lead (Pb)	CPSC-CH-E1003-09	ICP-OES

**2.1. Total lead content**

Element	Unit	MQL	Limit	Result
				5.6#
Total lead	mg/kg	2	90	N.D.

**2.2 Test Results:**

Item	CAS No.	Unit	MDL	Limit	Result
					5.5#
Di-iso-nonyl phthalate (DINP)	28553-12-0	mg/kg	50	1000	N.D.
	68515-48-0				
Di-n-octyl phthalate (DNOP)	117-84-0	mg/kg	30	1000	N.D.
Bis (2-ethylhexyl) phthalate (DEHP)	117-81-7	mg/kg	30	1000	N.D.
Diisodecyl phthalate (DIDP)	26761-40-0	mg/kg	50	1000	N.D.
	68515-49-1				
Benzyl butyl phthalate (BBP)	85-68-7	mg/kg	30	1000	N.D.
Dibutyl phthalate (DBP)	84-74-2	mg/kg	30	1000	N.D.

**Note:**

- #According to the same material declaration, the results quoted from the results of "BLACK PLASTIC EYES" "WHITE INK" of report A002T140822208-2R01.
- N.D. =Not Detected (<MQL)
- MQL=Method Quantitation Limit
- Photo is included



# TEST REPORT

NO.: A002T140822208-5R01

Date: Aug. 28, 2014

Page 5 of 5

## Photograph of Sample



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