

TEST REPORT

NO.: A002T140707212-2R01

Date: Jul. 11, 2014

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Customer: Artistic Toy Mfg., Inc.

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

Report on the submitted sample said to be

Sample name: 8"PAINT PONY HORSE

Model: TR8PONY

Item/Lot No.: PO#20427

Material: PV PLUSH

Description: LAYING HORSE

Buyer: /

Supplier: CHINA NINGBO CIXI IMP.&EXP.CORP.

Manufacturer: ZHENJIANG TIANRUN TOY CO.,LTD

Country of Origin: CHINA

Country of Destination: USA

Labeled Age Grading: ALL AGES

Requested Age Grading: /

Sample received date: Jul. 07, 2014

Testing period: From Jul. 07, 2014 to Jul. 11, 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

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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
4.14	Cords and Elastics in Toys	---
4.14.1	Cords and Elastics in Toys	M
4.27	Stuffed and Beanbag-Type Toys	M
5	Safety Labeling Requirements	--
5.1	Federal Government Requirements Remark: All toys that fall within the definitions and requirements of the U.S. FHSA shall conform to the labeling requirement of that act. For specific requirements, reference 16 CFR 1500.3, 1500.14, 1500.19, 1500.82, 1500.83, 1500.86, 1500.121, 1500.122, 1500.123, 1500.125, 1500.126, 1500.127, 1500.128, 1500.130, 1505.3, and 1511.7. In addition, state labeling requirements may exist.	M
5.2	Age Grading Labeling Remark: Toys that are subject to any of the requirements of this specification should be labeled to indicate the minimum age for intended use or have such labeling on any retail packaging.	M
5.3	Safety Labeling Requirements Remark: All safety labeling shall be conspicuous and legible, shall be separated distinctively from any other wording or designs, and shall appear in the English language at a minimum. Such labeling shall be clearly visible to the intended audience and shall be in a color contrasting with the background on which it appears.	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

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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 0.02 in/s.

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	2.1	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
	2.2	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
	2.3	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
	2.4#	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
	2.5	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
	2.6	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
	2.7#	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.

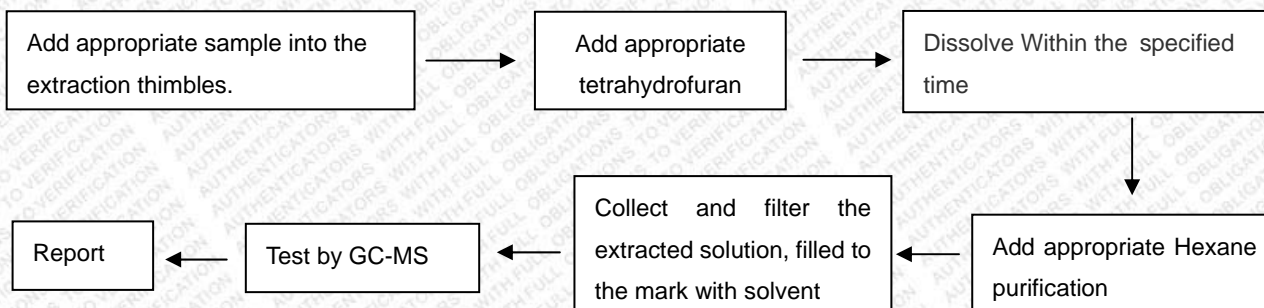
Note:

- 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:



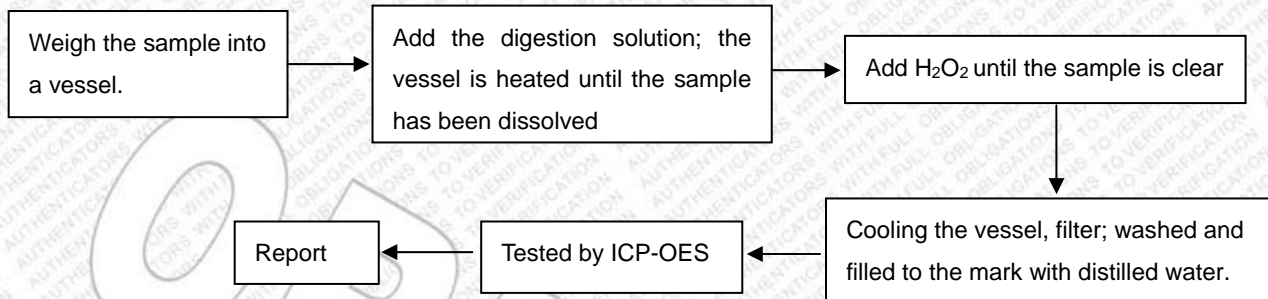
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2.To Determine Lead Content:



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
				<u>2.6</u>
Total lead	mg/kg	2	90	N.D.

2.2 Test Results:

Item	CAS No.	Unit	MDL	Limit	Result#
					<u>2.7</u>
Di-iso-nonyl phthalate (DINP)	28553-12-0 68515-48-0	mg/kg	50	1000	N.D.
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 68515-49-1	mg/kg	50	1000	N.D.
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.

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Specimen Description

No.	Specimen name	Note
<u>2.1</u>	BROWN PV PLUSH	ZHENJIANG TIANRUN TOY CO.,LTD.
<u>2.2</u>	WHITE PV PLUSH	
<u>2.3</u>	BROWN SUPER SOFT VELBOA	
<u>2.4</u>	BLACK NYLEX	
<u>2.5</u>	DARK BROWN PV PLUSH	
<u>2.6</u>	WHITE INK	
<u>2.7</u>	PLASTIC EYES	

Note:

- #According to the same material declaration, the results quoted from the results of "BLACK NYLEX " "PLASTIC EYES" of report A002T140707212-1R01.
- N.D. =Not Detected (<MQL)
- MQL=Method Quantitation Limit
- Photo is included

Photograph of Sample



End of Report