

TEST REPORT

NO.: A002T141205203-1R02

Date: Dec. 19, 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" BROWN KIRBY BEAR /8" BROWN AVIATOR BEAR /8" WHITE KIRBY BEAR /8" WHITE AVIATOR BEAR.
12" BROWN AVIATOR BEAR

Model: S2027/S2000/S2001/S2026 S2013

Item/Lot No.: /

Material: BROWN PLUSH

Description: SITTING BEAR-8"Brown bear/SITTING BEAR-8" Brown Aviation bear-/SITTING BEAR-8"White bear /SITTING BEAR-8" White Aviation bear SITTING BEAR—12" BROWN AVIATOR BEAR

Buyer: /

Supplier: CHINA NINGBO CIXI IMP.&EXP.CORP

Manufacturer: NINGBO HEFAN PLUSH PRODUCTS CO.,LTD.

Country of Origin: CHINA

Country of Destination: USA

Labeled Age Grading: /

Requested Age Grading: ALL AGES

Sample received date: Dec. 05, 2014

Testing period: From Dec. 05, 2014 to Dec. 17, 2014

Testing Requested:

1. ASTM Standard Consumer Safety Specification on Toy Safety F 963-11
 - ASTM F963-11: Physical & Mechanical Tests
 - ASTM F963-11: Flammability Tests
 - ASTM F963-11: 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.

Conclusion:

/
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 F963-11: 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, Straps and Elastics	--
4.14.1	Cords, Straps and Elastics in Toys	M
4.27	Stuffed and Beanbag-Type Toys	M
5	Safety Labeling Requirements	--
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
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: Sending samples without packaging.

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

ASTM F963-11: Flammability testing procedure for solids and soft toys

Ref: ASTM F963-11 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 0.042 in/s.

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Sample Description

No.	Sample name	No.	Sample name
<u>1-1</u>	BROWN PLUSH	<u>1-9</u>	BROWN VINYL
<u>1-2</u>	WHITE PLUSH	<u>1-10</u>	BLACK VINYL
<u>1-3</u>	BEIGE PLUSH	<u>1-11</u>	BLACK ZIPPER
<u>1-4</u>	BEIGE NYLEX	<u>1-12</u>	BLACK GOGGLE PLASTIC
<u>1-5</u>	WHITE NYLEX	<u>1-13</u>	CLEAR GOGGLE PLASTIC
<u>1-6</u>	WHITE SACRF FABRIC	<u>1-14</u>	PLASTIC EYES
<u>1-7</u>	BROWN CURLY PLUSH	<u>1-15</u>	PLASTIC NOSE
<u>1-8</u>	BLACK THREAD	<u>1-16</u>	BROWN THREAD

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	<u>1-1</u>	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
	<u>1-2</u>	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
	<u>1-3</u>	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
	<u>1-4</u>	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
	<u>1-5</u>	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
	<u>1-6</u>	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
	<u>1-7</u>	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
	<u>1-8</u>	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
	<u>1-9</u>	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
	<u>1-10</u>	N.D.	N.D.	N.D.	N.D.	N.D.	13	N.D.
	<u>1-11</u>	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
	<u>1-12</u>	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
	<u>1-13</u>	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
	<u>1-14</u>	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
	<u>1-15</u>	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
	<u>1-16</u>	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.

Note:

- Results shown are of the adjusted analytical results.

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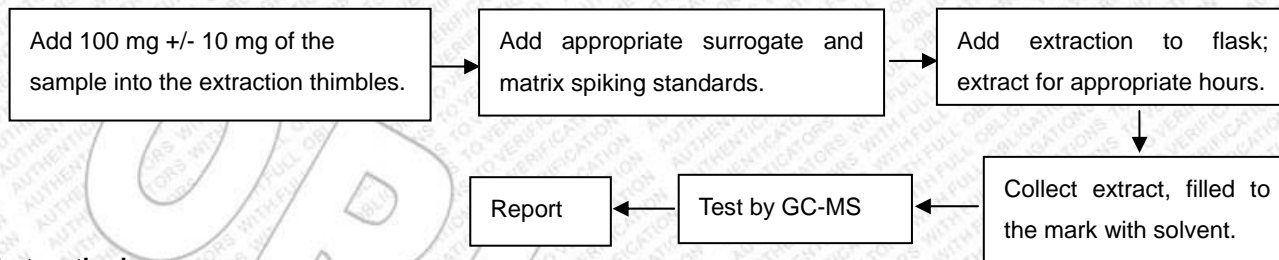
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2. 6P

Test Flow:

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



Test method:

Test Item	Test Method	Test Instrument
DEHP、DBP、BBP、DINP、DNOP and DIDP	CPSC-CH-C1001-09.3	GC-MS

2.1 Test Results:

Item	CAS No.	Unit	MQL	Limit	Result	
					1-11	
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.	

Item	CAS No.	Unit	MQL	Limit	Result	
					1-12	1-13
Di-iso-nonyl phthalate (DINP)	28553-12-0 68515-48-0	mg/kg	50	1000	N.D.	N.D.
Di-n-octyl phthalate (DNOP)	117-84-0	mg/kg	30	1000	N.D.	N.D.
Bis (2-ethylhexyl) phthalate (DEHP)	117-81-7	mg/kg	30	1000	518	N.D.
Diisodecyl phthalate (DIDP)	26761-40-0 68515-49-1	mg/kg	50	1000	N.D.	N.D.
Benzyl butyl phthalate (BBP)	85-68-7	mg/kg	30	1000	N.D.	N.D.
Dibutyl phthalate (DBP)	84-74-2	mg/kg	30	1000	N.D.	N.D.

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Item	CAS No.	Unit	MQL	Limit	Result	
					1-14	1-15
Di-iso-nonyl phthalate (DINP)	28553-12-0 68515-48-0	mg/kg	50	1000	N.D.	N.D.
Di-n-octyl phthalate (DNOP)	117-84-0	mg/kg	30	1000	N.D.	N.D.
Bis (2-ethylhexyl) phthalate (DEHP)	117-81-7	mg/kg	30	1000	N.D.	N.D.
Diisodecyl phthalate (DIDP)	26761-40-0 68515-49-1	mg/kg	50	1000	N.D.	N.D.
Benzyl butyl phthalate (BBP)	85-68-7	mg/kg	30	1000	N.D.	N.D.
Dibutyl phthalate (DBP)	84-74-2	mg/kg	30	1000	N.D.	N.D.

Note:

- N.D. =Not Detected (<MQL)
- MQL=Method Quantitation Limit
- Photo is included

Photograph of Sample



End of Report