

TEST REPORT

NO.: A002T140822208-8R01

Date: Aug. 28, 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: 12"AVIATOR GOGGLE AND HELMET

Model: GOGGLEHELMET

Item/Lot No.: PO#20530

Material: BROWN VINYL AND PLASTIC

Description: TOY ACCESSORIES

Buyer: /

Supplier: CHINA NINGBO CIXI IM & EX. 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: 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: Heavy Metal 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

*****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:

Sample Description

No.	Sample name
8.1	BROWN VINYL
8.2	BLACK ELASTIC
8.3	BLACK OUTLINE AND CONNECTOR PLASTIC
8.4	CLEAR PLASTIC LENS

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	8.1	N.D.	N.D.	N.D.	N.D.	N.D.	11	N.D.	N.D.
	8.2	N.D.	N.D.	N.D.	N.D.	N.D.	11	N.D.	N.D.
	8.3	N.D.	N.D.	N.D.	N.D.	N.D.	7.6	N.D.	N.D.
	8.4	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.

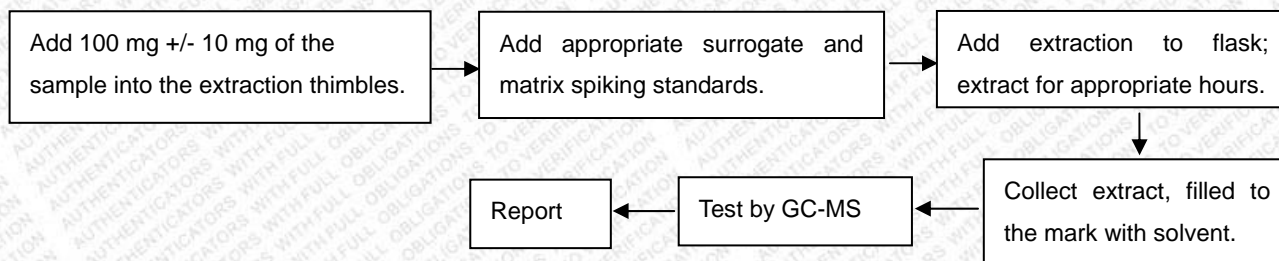
Note:

- Results shown are of the adjusted analytical results.

2. 6P

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

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2.1 Test Results:

Item	CAS No.	Unit	MDL	Limit	Result		
					8.1	8.3	8.4
Di-iso-nonyl phthalate (DINP)	28553-12-0	mg/kg	50	1000	N.D.	N.D.	N.D.
	68515-48-0						
Di-n-octyl phthalate (DNOP)	117-84-0	mg/kg	30	1000	N.D.	N.D.	N.D.
Bis (2-ethylhexyl) phthalate (DEHP)	117-81-7	mg/kg	30	1000	N.D.	212	N.D.
Diisodecyl phthalate (DIDP)	26761-40-0	mg/kg	50	1000	N.D.	N.D.	N.D.
	68515-49-1						
Benzyl butyl phthalate (BBP)	85-68-7	mg/kg	30	1000	N.D.	N.D.	N.D.
Dibutyl phthalate (DBP)	84-74-2	mg/kg	30	1000	N.D.	N.D.	N.D.

Note:

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

Photograph of Sample



End of Report