

# TEST REPORT

LAB NO. : CH120928N013-1
DATE : Oct 11, 2012
PAGE : 1 OF 7

APPLICANT : WEIFANG RUIXIANG PLASTIC PRODUCTS CO., LTD

200METERS WEST OF THE CORNER OF FANGSHAN ROAD AND ZHANBEI STREET, CHANGLE COUNTY

SHANDONG, P. R. CHINA

**DATE OF SUBMISSION** : Sep 28, 2012

**TEST PERIOD** : Sep 28, 2012 to Oct 11, 2012

**SAMPLE DESCRIPTION** : 40PK ICE CUBE BAG

Style No.: S34043396(22635)

Country of Destination: EU

#### **SUMMARY OF TEST RESULTS**

TEST REQUESTED	CONCLUSION	REMARK
Phthalates Content in Toys and Childcare Articles – European Regulation (EC) No. 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) with Amendments	PASS	-
up to EC No. 552/2009, Annex XVII, Entry 51 & 52		

To be continued

BUREAU VERITAS SHENZHEN CO.,LTD DONGGUAN BRANCH

Shawn Chen

Manager, Chemical Operation Department

RT/KP

**REMARK** 

If there are questions or concerns on this report, please contact the following persons:

Report Enquiry: (86) 0769 85935656 Ext. 8282 CPSAnalytical.DG@cn.bureauveritas.com

Business Contact: (86) 0769 85893595

This report shall not be reproduced except in full, without the written approval of our laboratory.

Bureau Veritas Shenzhen C.o., Ltd., Dongguan Branch
No.34, Chenwulu section, Guantai Rd., Houjie Town, Dongguan City.
Guangdong Province, China 523942
Tel: +86-769-85935656 Fax: +86-769-85991080
Website: www.bureauveritas.cn/cps

This report is governed by, and incorporates by reference, the Conditions of Testing as posted at the date of issuance of this report at http://www.bureauveritas.cn/cps and is intended for your exclusive use. Any copying or replication of this report or for any other person or entity, or use of our name or trademark, is permitted only with our prior written permission. This report sets forth our findings solely with respect to the test samples identified herein. The results set forth in this report are not indicative or representative of the quality or characteristics of the lot from which a test sample was taken or any similar or identical product unless specifically and expressly noted. Our report includes all of the tests requested by you and the results thereof based upon the information that you provided to us. You have 60 days from the date of issuance of this report to notify us of any material error or omission caused by our negligence; provided, however, that such notices shall be in writing and shall specifically address the issue you wish to raise such issue within the prescribed time shall constitute you unqualified acceptance of the completeness of this report, the tests conducted and the correctness of the report contents.



# TEST REPORT

LAB NO. : CH120928N013-1
DATE : Oct 11, 2012
PAGE : 2 OF 7

#### SUMMARY OF TEST RESULTS

TEST REQUESTED	CONCLUSION	REMARK
Total Cadmium Content – European Regulation (EC) No. 1907/2006 REACH Annex XVII, Entry 23 with Amendment Commission Regulation (EU) No. 494/2011	PASS	-
Overall Migration Test for Plastic Materials in Contact with Foodstuffs – Commission Regulation (EU) No. 10/2011 and Its Amendments	PASS	-



: Oct 11, 2012 : 3 OF 7 **PAGE** 

## **Photo of the Submitted Sample**





**PAGE** : 4 OF 7

## **TEST RESULT**

Phthalates Content in Toys and Childcare Articles – European Regulation (EC) No. 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) with Amendments up to EC No. 552/2009, Annex XVII, Entry 51

**Test Method:** Sample was extracted with organic solvent and then analyzed by Gas

Chromatograph Mass Spectrometer.

Test Item(s)	Item / Component Description(s)	Location(s)	Style(s)
I001	Transparent plastic	•	-

Maximum Allowable Limit :	0.1 % (Sum of all listed phthalates)
---------------------------	--------------------------------------

Took Itoma(a)	Result			Conclusion
Test Item(s)	Detected Analyte(s)	Conc.	Unit	Conclusion
I001	ND	ND	%	PASS

Note / key:

ND = Not detected ">" = Greater than Conc. = Concentration mg/kg = milligram(s) per kilogram % = percent 10000 mg/kg = 1 %

Detection Limit (%): Each 0.005

Remark:

- The list of phthalates is summarized in table of Appendix 1.

#### **APPENDIX 1**

List of Pht	List of Phthalate [ Regulation (EC) No. 1907/2006 Annex XVII Entry 51 ] :		
No.	Name of Analytes	CAS-No.	
1	Butyl benzyl phthalate (BBP)	85-68-7	
2	Dibutyl phthalate (DBP)	84-74-2	
3	Di-2-ethylhexyl phthalate (DEHP)	117-81-7	



**PAGE** : 5 OF 7

#### **TEST RESULT**

Phthalates Content in Toys and Childcare Articles which can be placed in the Mouth by Children – European Regulation (EC) No. 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) with Amendments up to EC No. 552/2009, Annex XVII, Entry 52

**Test Method:** Sample was extracted with organic solvent and then analyzed by Gas

Chromatograph Mass Spectrometer.

Test Item(s)	Item / Component Description(s)	Location(s)	Style(s)
I001	Transparent plastic	-	-

Maximum Allowable Limit :	0.1 % (Sum of all listed phthalates)
---------------------------	--------------------------------------

T4 I4(-)	Result			Constant
Test Item(s)	Detected Analyte(s)	Conc.	Unit	Conclusion
I001	ND	ND	%	PASS

Note / key:

ND = Not detected ">" = Greater than Conc. = Concentration mg/kg = milligram(s) per kilogram % = percent 10000 mg/kg = 1 %

Detection Limit (%): Each 0.005

Remark:

- The list of phthalates is summarized in table of Appendix 2.

#### **APPENDIX 2**

List of Ph	List of Phthalate [ Regulation (EC) No. 1907/2006 Annex XVII Entry 52 ] :		
No.	Name of Analytes	CAS-No.	
1	Di-n-octyl phthalate (DNOP)	117-84-0	
2	Di-iso-nonyl phthalate (DINP)	28553-12-0	
3	Di-iso-decyl phthalate (DIDP)	26761-40-0	



PAGE : 6 OF 7

## **TEST RESULT**

Total Cadmium Content – European Regulation (EC) No. 1907/2006 REACH Annex XVII, Entry 23 with Amendment Commission Regulation (EU) No. 494/2011

**Test Method:** BS EN 1122: 2001, Method B

Test Item(s)	Item / Component Description(s)	Location(s)	Style(s)
I001	Transparent plastic	-	-

	Type I	Paints on Painted Article: 1000 mg/kg
Maximum Allowable Limit:	Type II	Plastics: 100 mg/kg
Anowable Limit.	Type III	Metals in Jewellery: 100 mg/kg

Test Item(s)	Type	Result	Unit	Conclusion
		Total Cadmium (Cd)		
I001	II	ND	mg/kg	PASS

Note / key:

ND = Not detected ">" = Greater than

 $mg/kg = milligram(s) \; per \; kilogram = ppm = part(s) \; per \; million$ 

10000 mg/kg = 1 % % = percent

Detection Limit (mg/kg): 10



**PAGE** : 7 OF 7

#### **TEST RESULT**

# Overall Migration Test for Plastic Materials in Contact with Foodstuffs – Commission Regulation (EU) No. 10/2011 and Its Amendments\*

**Test Condition:** Distilled water: 5 °C, 10days

Simulant Used	Unit	Result I001	Maximum Allowable Limit	Analytical Tolerance
Distilled water	mg/dm <sup>2</sup>	<5	10	+2
Conclusion	-	PASS	-	-

Test Item 001: Transparent plastic

Note: "<" = less than

 $mg/dm^2 = milligram per square decimeter$ 

Method: EN 1186-1: 2002 and EN 1186-3: 2002

#### Remark:

- The migration test is carried out according to EC Regulation No. 10/2011 and the corresponding regulatory statutes.
- For article intended for single use, only single determination is carried out in the migration tests and the test result is shown in result table.
- "\*"All the above results refer to BV(Shang Hai) report No.(6612)273-0765.

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