



**BUREAU
VERITAS**

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 up to EC No. 552/2009, Annex XVII, Entry 51 & 52	PASS	-

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**

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	-

Photo of the Submitted Sample





LAB NO. : CH120928N013-1
DATE : Oct 11, 2012
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)

Test Item(s)	Result			Conclusion
	Detected Analyte(s)	Conc.	Unit	
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 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



LAB NO. : CH120928N013-1
DATE : Oct 11, 2012
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)

Test Item(s)	Result			Conclusion
	Detected Analyte(s)	Conc.	Unit	
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 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



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

Maximum Allowable Limit :	Type I	Paints on Painted Article: 1000 mg/kg
	Type II	Plastics: 100 mg/kg
	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



LAB NO. : CH120928N013-1
DATE : Oct 11, 2012
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	Maximum Allowable Limit	Analytical Tolerance
		I001		
Distilled water	mg/dm ²	<5	10	+2
Conclusion	-	PASS	-	-

Test Item 001: Transparent plastic

Note: “<” = less than
mg/dm² = 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 ***