



# AMSCAN TEST REPORT

**LAB LOCATION:** HONG KONG      **REPORT NUMBER:** HH-08-01955  
**DATE IN:** November 12, 2008      **DATE OUT:** November 18, 2008

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<b>Copy To:</b>	--		

<b><u>OVERALL RATING</u></b>	
SATISFACTORY	X
UNSATISFACTORY	--

**Sample Information**

	<b>Product Description:</b>	Garden Girl Straw Favor Pack
	<b>SKU Number:</b>	398890
	<b>Purchase Order Number:</b>	--
	<b>No. of Sample Submitted:</b>	6 pks
	<b>Country of Origin:</b>	--
	<b>Country of Destination:</b>	EU
	<b>Vendor:</b>	12011
	<b>Manufacturer:</b>	--

<b>Testing Status</b>			
Pre- Production	<input type="checkbox"/>	Production	<input type="checkbox"/>
Retest	<input type="checkbox"/>	Pre- Test	<input type="checkbox"/>
Previous Report No.:		--	

<b>Test Result Summary</b>	
<b>Test Requested</b>	<b>Result</b>
Phthalates Content – European Directive 2005/84/EC	PASS
Total Cadmium Content – European Directive 91/338/EEC	PASS
Overall Migration Test - European Commission Directive 2002/72/EC and Amendments	PASS

For and on behalf of  
**Modern Testing Services (Hong Kong) Ltd.**

*Johnny Lai*

**LAI Tat Lung, Johnny**  
 Manager, Hardlines



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## TEST DATA:

### Phthalates Content – European Directive 2005/84/EC

#### A. For toys and childcare articles

Parameter	CAS No.	Unit	Result	Limit
			1+2+3	
Dibutyl phthalate (DBP)	84-74-2	%	<0.005	-
Butyl benzyl phthalate (BBP)	85-68-7	%	<0.005	-
Di-2-ethylhexyl phthalate (DEHP)	117-81-7	%	<0.005	-
<i>Total</i>	-	%	<0.015	0.1
<b>Conclusion</b>		-	PASS	-

#### B. Additional requirements for toys and childcare articles, which can be placed in mouth by the children (See Remark)

Parameter	CAS no.	Unit	Result	Limit
			1+2+3	
Di-n-octyl phthalate (DNOP)	117-84-0	%	<0.005	-
Di-iso-decyl phthalate (DIDP)	26761-40-0	%	<0.005	-
Di-iso-nonyl phthalate (DINP)	28553-12-0	%	<0.005	-
<i>Total</i>	-	%	<0.015	0.1
<b>Conclusion</b>		-	PASS	-

Test Item 1: Transparent Yellow plastic  
Test Item 2: Transparent Purple plastic  
Test Item 3: Transparent Blue plastic

Note: % = percentage  
“<” = less than

Method: Sample was extracted with organic solvent and then analyzed by Liquid Chromatography Mass Spectrometer / Gas Chromatograph Mass Spectrometer.

Remark: Toys and childcare articles, which can be placed in mouth by the children, shall meet the requirements of both Part A and B.



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## Total Cadmium Content – European Directive 91/338/EEC

Parameter	Unit	Result		Limit
		1+2+3		
Total Cadmium (Cd)	mg/kg	<10		100
<b>Conclusion</b>		PASS		-

Test Item 1: Transparent Yellow plastic  
Test Item 2: Transparent Purple plastic  
Test Item 3: Transparent Blue plastic

Note: mg/kg = milligram per kilogram  
“<” = less than

Method: Plastic - EN 1122: 2001, Method B  
The Cadmium content was analyzed Atomic Absorption Spectrophotometer / Inductively Coupled Plasma Mass Spectrometer.

## Overall Migration Test - European Commission Directive 2002/72/EC and Amendments

Test Condition: Acetic Acid: 40°C, 2 hrs  
Ethanol: 40°C, 2 hrs

Parameter	Unit	Result			Limit
		1	2	3	
3% Acetic Acid	mg/dm <sup>2</sup>	<5	<5	<5	10
10% Ethanol	mg/dm <sup>2</sup>	<5	<5	<5	10
<b>Conclusion</b>		PASS	PASS	PASS	-

Test Item 1: Transparent Yellow plastic  
Test Item 2: Transparent Purple plastic  
Test Item 3: Transparent Blue plastic

Note: “<” = less than  
mg/dm<sup>2</sup> = milligram per square decimetre

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



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## **NOTE:**

If there is question or concern regarding the above results, please contact the appropriate lab person below:

### **Technical question & concern:**

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### **General question & concern:**

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