



**Test Report No. F690101/LF-CTSAYHA13-00180** Issued Date : February 05, 2013 Page 1 of 3

**TO: I&S**  
136-1, Hojuk-Ri,  
Oksanmyeon,  
Cheongwongun,  
Chungbuk,  
Korea

The following sample(s) was/were submitted and identified by/on behalf of the client as:-

**SGS Job No..** : AYHA13-00180  
**Sample Description** : DWINGULER KIDS' PLAYMAT (环保康乐儿童垫)  
**Style / Item No.** : -  
**Order No.** : -  
**Buyer** : -  
**Supplier** : -  
**Country of Origin** : SOUTH KOREA  
**Country of Destination** : -  
**Sample Receiving Date** : JAN. 30, 2013  
**Testing Period** : JAN. 31, 2013 to FEB. 05, 2013  
**Test Performed** : SGS Korea tested the sample which was selected by applicant with following result.  
**Test Result(s)** : For further details, please refer to following page (s)  
**Result Summary** :

Test Requested	Conclusion
<b>Phthalates content</b> Entries 51 and 52 of European Regulation (EC) No. 1907/2006 (REACH) Annex XVII and Regulation (EC) No. 552/2009 – previously restricted under Directive 2005/84/EC	<b>PASS</b>
<b>Formaldehyde content</b> As specified by client, selected parts of the submitted sample(s) with reference to Safety of Toys, EN 71-9:2005+A1:2007 – Organic Chemical Compounds – Requirements.	<b>PASS</b>

SGS Korea Co., Ltd.

Jeff Jang/ Technical Manager

**Results :**

**Phthalates content**

Test Method: With reference to CPSC-CH-C1001-09.3. Analysis was performed by GC-MS.

Test Item(s)	Unit	MDL	Result(s)	Recommended Max. Limit
			1	
For childcare articles if it can be placed in the mouth				
Bis-(2-ethylhexyl) Phthalate (DEHP)	%	0.015	N. D.	0.1 (total)
Benzylbutyl Phthalate (BBP)	%	0.015	N. D.	
Dibutyl Phthalate (DBP)	%	0.015	N. D.	
<b>Σ of Phthalates</b>	%	-	N. D.	
Di-isononyl Phthalate (DINP)	%	0.015	N. D.	0.1 (total)
Di-n-octyl Phthalate (DNOP)	%	0.015	N. D.	
Di-iso-decyl Phthalate (DIDP)	%	0.015	N. D.	
<b>Σ of Phthalates</b>	%	-	N. D.	
<b>Conclusion</b>	-	-	<b>PASS</b>	-

Sample description :

1. Mat

- Note: (1) N. D. = not detected (< MDL)  
 (2) MDL = Method Detection Limit  
 (3) % = percentage by weight  
 (4) Composite test has been performed as per the special request of client.

**Formaldehyde**

Method : With reference to ISO 14184-1, UV-vis

Test Item(s)	CAS Number	MDL (mg/kg)	Result(s) (Unit : mg/kg)	Limit (mg/kg)
			1	
Formaldehyde	50-00-0	16	N.D.	30
<b>Conclusion</b>	-	-	<b>PASS</b>	-

Sample description :

1. Mat

- Note: (1) N.D. = Not detected. (<MDL)  
 (2) MDL = Method Detection Limit  
 (3) Composite test has been performed as per the special request of client.

**Picture of Sample as Received :**



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