

## Test Report

No.: SZTYR110104349LP

Date: JAN 29, 2011

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LEO PAPER BAGS MANUFACTURING (1982) LTD.  
LEVEL 36, TOWER 1, ENTERPRISE SQUARE FIVE  
(MEGABOX), 38 WANG CHIU ROAD,  
KOWLOON BY, KOWLOON

The following samples were submitted and identified by/on behalf of the client as: MUMBO JUMBO

Request Age Grading : 3+  
Sample Receiving Date : JAN 27, 2011  
Testing Period : JAN 27, 2011 TO JAN 29, 2011

Test Requested	Result
1) Determination of specified phthalates contents in the submitted composite samples in accordance with Entries 51 and 52 of Regulation (EC) No 552/2009 amending Annex XVII of REACH Regulation (EC) No 1907/2006 (previously restricted under Directive 2005/84/EC).	PASS
2) Determination of the Cadmium content in the submitted samples in accordance with entry 23 of Regulation (EC) No 552/2009 amending Annex XVII of REACH Regulation (EC) No 1907/2006 (previously restricted under Directive 91/338/EEC).	PASS

\*\*\*\*\* For Further Details, Please Refer to the Following Page(s) \*\*\*\*\*

Signed for and on behalf of  
SGS-CSTC Ltd.

  
Qu Ping, Kiky  
Section Head

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## Results:

### 1) Phthalates contents

Method: With reference to CPSC-CH-C1001-09.3. Analysis was performed by Gas Chromatography /Mass Spectrometry.

Test items		A1	A2	A3	Detection Limit
Dibutyl phthalate	(DBP)	N.D.	N.D.	N.D.	0.003%
Benzyl butyl phthalate	(BBP)	N.D.	N.D.	N.D.	0.003%
Bis-(2-ethylhexyl) phthalate	(DEHP)	N.D.	N.D.	N.D.	0.003%
Di-"isononyl" phthalate	(DINP)	N.D.	N.D.	N.D.	0.010%
Di-n-octyl phthalate	(DNOP)	N.D.	N.D.	N.D.	0.003%
Di-"isodecyl" phthalate	(DIDP)	N.D.	N.D.	N.D.	0.010%
Total (DBP+BBP+DEHP)		N.D.	N.D.	N.D.	--
Total (DINP+DNOP+DIDP)		N.D.	N.D.	N.D.	--
Conclusion (for EU requirement)		Pass	Pass	Pass	--

Test items		B1	Detection Limit
Dibutyl phthalate	(DBP)	N.D.	0.003%
Benzyl butyl phthalate	(BBP)	N.D.	0.003%
Bis-(2-ethylhexyl) phthalate	(DEHP)	N.D.	0.003%
Total (DBP+BBP+DEHP)		N.D.	--
Conclusion (for EU requirement)		Pass	--

### Specimen Description:

- A1. Multi-color coating on metal (Box) w/ transparent lacquer coating on metal (Box)
- A2. Transparent plastics (Top) w/ multi-color coated paper label + White plastics w/ black coating (Dice)
- A3. Multi-color coating on paper sheet (Card)
- B1. Blue plastics w/ multi-color coating on paper sheet (Top)

Note : - N.D. = Not Detected (lower than Detection Limit)  
 - % = percentage by weight  
 - The results shown as N.D. (Not Detected) are ignored in the sum calculation.  
 - Composite test has been performed and the result(s) is (are) calculated using the total sample weight.

### Remark: Summary of upper limits of requirements:

Requirements	Upper Limit
<b>Regulation (EC) No 552/2009 amending Annex XVII of REACH Regulation (EC) No 1907/2006</b>	
- For all toys and childcare articles	- Total (DBP+BBP+DEHP) ≤ 0.1%
- For toys and childcare articles that can be placed in the mouth	- Total (DINP+DNOP+DIDP) ≤ 0.1%

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### 2) Cadmium content

With reference to EN1122: 2001 method B / EPA 3052: 1996.  
Analysis was performed by Atomic Absorption Spectrometer.

Specimen Description	Cd Result	Limit
1. Multi-color coating on metal (Box)	N.D.	0.01%
2. Transparent lacquer coating on metal (Box)	N.D.	0.01%
3. Multi-color coating on paper sheet (Card)	N.D.	0.01%
4. White surfaced grey paper sheet (Card)	N.D.	0.01%
5. Transparent plastics (Top) w/ multi-color coated paper label	N.D.	0.01%
6. White paper sheet (Top)	N.D.	0.01%
7. White plastics w/ black coating (Dice)	N.D.	0.01%
8. Blue plastics (Top)	N.D.	0.01%
9. Multi-color coating on paper sheet (Top)	N.D.	0.01%

Note : - N.D. = Not Detected (< 0.0005%)  
- % = percentage by weight

### Sample Photo:



SGS authenticate the photo on original report only

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

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