

# Test Report

No.: SZTYR101276536LP

Date: DEC 10, 2010

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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: BRAIN TEASER

Request Age Grading : 3-14 YEARS  
Sample Receiving Date : DEC 08, 2010  
Testing Period : DEC 08, 2010 TO DEC 09, 2010

Test Requested	Result
1) Determination of specified phthalates contents in the submitted 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  
CNAS Approved Signatories

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**SZTY 2840137**

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## Results:

### 1) Phthalates contents

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

Test items		1	Detection Limit
Dibutyl phthalate	(DBP)	N.D.	0.015%
Benzyl butyl phthalate	(BBP)	N.D.	0.015%
Bis-(2-ethylhexyl) phthalate	(DEHP)	N.D.	0.015%
Di-"isononyl" phthalate	(DINP)	N.D.	0.015%
Di-n-octyl phthalate	(DNOP)	N.D.	0.015%
Di-"isodecyl" phthalate	(DIDP)	N.D.	0.015%
Total (DBP+BBP+DEHP)		N.D.	--
Total (DINP+DNOP+DIDP)		N.D.	--
Conclusion (for EU requirement)		Pass	--

### Specimen Description:

- Multi-color coating on paper card (Brain teaser)

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.

### 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%

### 2) Cadmium Content

With reference to EN1122: 2001 method B.

Analysis was performed by Atomic Absorption Spectrometer and Inductively Coupled Plasma Atomic Emission Spectrometer.

Specimen Description	Cd Result	Limit
1. Multi-color coating on paper card (Brain teaser)	N.D.	0.01%
2. White paper card (Brain teaser)	N.D.	0.01%

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

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### Sample Photo:



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

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