

Test Report

Report No.: TLSZE00045402

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Applicant : CSP INC

Address : 8248 W.ORANGE DR GLENDALE, AZ 85303 USA

Report on the submitted sample(s) said to be:

Sample Name : LIGHT-UP FLYING DISK
Item/Lot No. : 8-201
Buyer : Kids'Korner
Quantity of Sample : 1 pc
Country of Origin : China
Exported to : USA
Client Specified Age Grading : 3+
Labeled Age Grading : Not stated
Age Group Applied in Testing : Over 3 years
Sample Received Date : Apr.24, 2012
Sample Resubmission Date : May 10, 2012 /May 14, 2012
Sample Tested Date : Apr.24, 2012 to May 18, 2012

Test Conducted:

As requested by the applicant, for details refer to next page(s)

Tested by Antony

Approved by Victor Wang

Victor Wang
Lab Manager



Reviewed by Richard L

Date

2012-05-18

No. 27485790

Centre Testing International (Shenzhen) Co., Ltd. Hongwei Industrial Zone, Bao'an 70 District, Shenzhen, Guangdong, China

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Executive Summary:

TEST REQUEST

- 1) US Consumer Product Safety Improvement Act of 2008 (CPSIA) with amendment (H.R.2715)
 - Lead in surface-coatings and similar materials of children's products
 - Lead in substrate materials of children's products
- 2) ASTM F963-11 Standard Consumer Safety Specification for Toy Safety
 - Mechanical and Physical test
 - Clause 4.2 Flammability of toys
- 3) European Regulation(EC) No. 1907/2006, REACH & amendment No.552/2009 Annex XVII
 - Cadmium and its compounds

CONCLUSION

N/A

PASS

PASS

PASS

PASS^{#01}

N/A = Not Applicable

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

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1) US CONSUMER PRODUCT SAFETY IMPROVEMENT ACT OF 2008 (CPSIA) WITH AMENDMENT (H.R.2715)

▼ Lead in surface-coating and similar materials of children’s products.....N/A

As specified in Consumer Product Safety Improvement Act of 2008 (CPSIA) and 16 CFR Ch.II part 1303 of Consumer Product Safety Commission of U.S.A, method CPSC-CH-E1003-09 was used and total lead content was determined by ICP-OES/AAS.

N/A = **Not Applicable** (as received, there was no paint or similar surface-coating material on the submitted sample(s), so it is not applicable to the requirement of this standard)

▼ Lead in substrate materials of children’s products

As specified in Consumer Product Safety Improvement Act of 2008 (CPSIA), method(s) CPSC-CH -E1001-08.1/CPSC-CH-E1002-08.1 were used and total lead content was determined by ICP-OES/AAS.

Tested Item	Result (ppm)					Limit (ppm)
	(1)	(2)	(3)	(4)	(5)	
Total Lead (Pb)	<5	<5	<5	<5	<5	100

Tested Component(s):

- (1) Transparent kelly plastic
- (2) Transparent pink plastic
- (3) Black plastic(switch)
- (4) Transparent plastic(LED)
- (5) Silver metal(shell of switch)

Remark:

- <= Less than
- ppm = parts per million = mg/kg

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2) ASTM F963-11 STANDARD CONSUMER SAFETY SPECIFICATION FOR TOY SAFETY

▼ Mechanical and Physical test

As specified in ASTM F963-11 standard consumer safety specification for toy safety.

<u>Clause</u>	<u>Description</u>	<u>Assessment</u>
4.	Safety Requirements	
4.1	Material Quality (Visual Examination).....	Pass
4.6	Small Objects.....	N/A
4.7	Accessible Edges.....	Pass
4.9	Accessible Points.....	Pass
7.	Producers Markings	
7.1	Producers Markings.....	Pass
8.	Test Method	
8.5	Normal Use Testing.....	Pass
8.7	Impact Test	Pass
8.8	Torque Test.....	Pass
8.9	Tension Test.....	Pass
8.10	Compression Test.....	Pass

N/A = Not Applicable

Note:

- Only applicable clause(s) was/were shown.

▼ Clause 4.2 Flammability of toys

As specified in ASTM F963-11 standard consumer safety specification for toy safety.

Flammability Test on Solid

<u>Burning Rate (inch/sec)</u>	<u>Limit (inch/sec)</u>
0.03	0.1

Note:

- Only applicable clause(s) was/were shown.

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3) EUROPEAN REGULATION(EC) NO. 1907/2006, REACH & AMENDMENT NO.552/2009 ANNEX XVII

▼ Cadmium and its compounds

As specified in entry 23, annex XVII of European regulation (EC) No. 1907/2006 (REACH) with amendments No.552/2009 & No.494/2011, method BS EN 1122:2001 Method B was used and total Cadmium content was determined by ICP-OES/AAS.

Tested Item	Result (%)					Limit (%)
	(1)	(2)	(3)	(4)	(5)	
Cadmium (Cd)	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	0.01

Tested Component(s):

- (1) Transparent kelly plastic
- (2) Transparent pink plastic
- (3) Black plastic(switch)
- (4) Transparent plastic(LED)
- (5) Silver metal(shell of switch)

Remark:

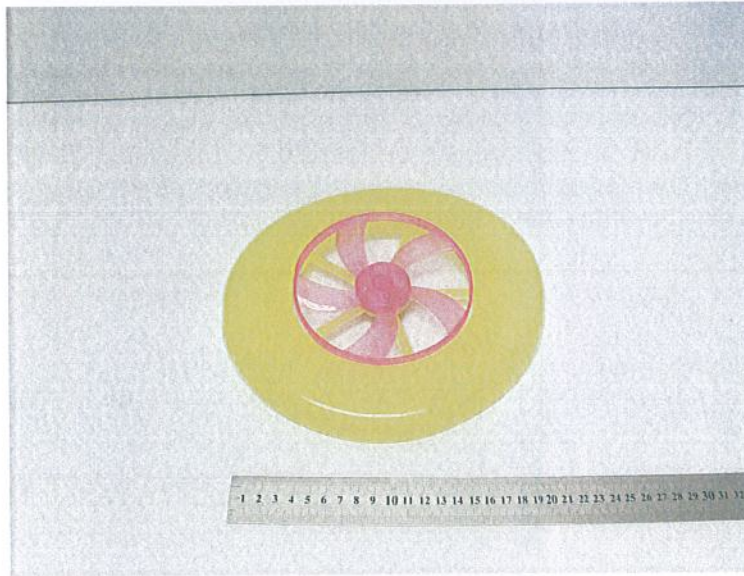
- < = Less than
- % = Percentage
- ^{#01}: CTI conducted Cadmium on the components which were identified by the client, and the testing results can meet European Regulation(EC) No. 1907/2006, REACH with amendments No.552/2009 & No.494/2011 Annex XVII requirement.

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Photo of the sample



*** End of report ***

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