

# Test Report

Report No.: SZT10042807537A

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**Applicant :** CSP INC

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

**Report on the submitted sample said to be:**

Sample Name : SLINGSHOT FROGS-(3"Long)  
Item No. : 01-005  
Buyer : Kids' Korner  
Country of Origin : China  
Exported to : U.S.A  
Client Specified Age Grading : 3+  
Labelled Age Grading : Not stated  
Age Group Applied in Testing : Over 3 years  
Sample Received Date : Apr.28, 2010  
Resubmitted Sample Date : May.24, 2010  
Sample Tested Date : Apr.28, 2010 to May.24, 2010

**TEST REQUEST**

**CONCLUSION**

- |   |             |
|---|-------------|
| 1)European Regulation(EC) No. 1907/2006, REACH & amendment No.552/2009 Annex XVII |             |
| - (Item 23)Cadmium and its compounds(Formerly Known as 91/338/EEC)                | <b>PASS</b> |
| 2)ASTM F963-08 Standard Consumer Safety Specification for Toy Safety              |             |
| -Physical & Mechanical  | <b>PASS</b> |
| - Flammability  | <b>PASS</b> |
| 3)US Consumer Products Safety Improvement Act 2008 (CPSIA)                        |             |
| - Lead in surface-coatings and similar materials of children's product            | <b>N/A</b>  |
| - Lead in substrate materials of children's product                               | <b>PASS</b> |
| - Phthalates in children's toys and child care articles                           | <b>PASS</b> |

**N/A= Not Applicable**

**Test Results:** Please refer to next page(s)

Inspected by: Frank, Approved by: Victor wang, Approved date: 2010-05-26  
Engineer Victor wang  
Lab Manager



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## 1)CADMIUM AND ITS COMPOUNDS

As Specified in European Regulation(EC) No. 1907/2006, REACH & amendment No.552/2009 Annex XVII, with Reference to EN1122:2001 Method B or other Appropriate Methods, and Total Cadmium Content was Performed by Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES).

Element	Result (%)			Limit (%)
	(1)	(2)	(3)	
Cadmium (Cd)	<0.0005	<0.0005	<0.0005	0.01

Tested Components:

- (1) Green soft plastic
- (2) Dk. blue soft plastic
- (3) Orange soft plastic

Remark:

- <= Less than
- %= Percentage based on dry weight of testing sample

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## 2) ASTM F963 -08

AS SPECIFIED IN ASTM F963-08 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
4.2	Flammability Test.....	Pass
		(See Note 1)
4.6	Small Objects.....	Pass
4.7	Accessible Edges.....	Pass
4.9	Accessible Points.....	Pass
5.	Safety Labeling Requirements	
5.3	Safety Labeling Requirements.....	Pass
5.11	Small Objects, Small Balls, Marbles, and Balloons.....	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

Note 1:

Flammability Test (Clause 4.2)

Flammability Test on Solid

<u>Sample</u>	<u>Burning Rate (inch/sec)</u>	<u>Limit (inch/sec)</u>
SLINGSHOT FROGS-(3"Long)	0.01	0.1

Note:

- Only applicable clauses were shown.

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### 3) US CONSUMER PRODUCTS SAFETY IMPROVEMENT ACT 2008 (CPSIA)

#### ▼ LEAD IN SURFACE-COATING AND SIMILAR MATERIALS OF CHILDREN'S PRODUCT....N/A

As Specified in Consumer Products Safety Improvement Act 2008 (CPSIA) and Title 16 Part 1303 Code of Federal Regulations, Chapter II – Consumer Products Safety Commission of U.S.A, Method CPSC-CH-E1003-09 was Used and Total Lead Content was Determined by Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES).

**N/A= Not Applicable** (as received,there was no surface-coating and similar materials on the submitted samples)

#### ▼ LEAD IN SUBSTRATE MATERIALS OF CHILDREN'S PRODUCT

As Specified in Consumer Products Safety Improvement Act 2008 (CPSIA), Methods CPSC-CH-E1001-08 and CPSC-CH-E1002-08 were Used and Total Lead Content was Determined by Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES).

Element	Result (ppm)			Limit (ppm)
	(1)	(2)	(3)	
Total Lead (Pb)	<5	<5	<5	300

Tested Components:

- (1) Green soft plastic
- (2) Dk. blue soft plastic
- (3) Orange soft plastic

Remark:

- <= Less than
- ppm= parts per million based on dry weight of sample
- Result(s) shown of tested component(s) (1) is/are quoted from CTI test report SZT10040605801.

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## ▼ PHTHALATES IN CHILDREN'S TOY AND CHILD CARE ARTICLES

As Specified in Consumer Products Safety Improvement Act 2008 (CPSIA), Method CPSC-CH-C1001-09.3 was Used and phthalates were Determined by Gas Chromatograph with Mass Spectrometer (GC-MS).

Material(s) in toys and childcare articles		
Tested Item	Result (%)	Limit#
	(1)/(2)/(3)	(%)
Di-2-ethylhexyl Phthalate (DEHP)	<0.003	0.1
Dibutyl Phthalate (DBP)	<0.003	0.1
Benzylbutyl Phthalate (BBP)	<0.003	0.1

Material(s) in toys that can be placed in mouth and childcare articles		
Tested Item	Result (%)	Limit#
	(1)/(2)/(3)	(%)
Diisononyl Phthalate (DINP)	<0.005	0.1
Di-n-octyl Phthalate (DNOP)	<0.003	0.1
Diisodecyl Phthalate (DIDP)	<0.005	0.1

### Tested Components:

- (1) Green soft plastic
- (2) Dk. blue soft plastic
- (3) Orange soft plastic

### Remark:

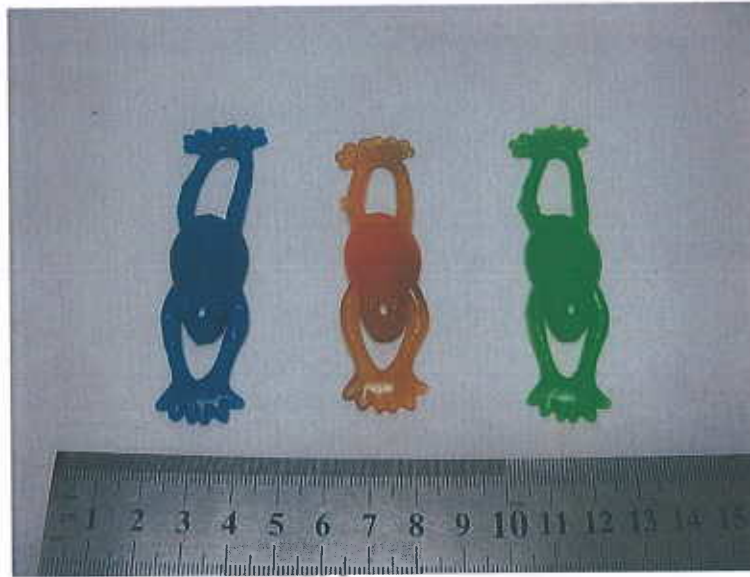
- < = Less than
- %= Percentage based on dry weight of sample
- # = The limit for the test result is 1/n of the value column (where " n" is the number of mixed samples)

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### Photo of the sample



\*\*\* End of report \*\*\*

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