

# Test Report

Report No.: TLSZE00045125

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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 : ANIMAL LIGHT-UP PEN  
Item/Lot No. : 3-201  
Buyer : Kids'Korner  
Quantity of Sample : 6 pcs  
Country of Origin : China  
Exported to : USA  
Client Specified Age Grading : 3+  
Sample Received Date : Apr.19, 2012  
Further Information Date : May 14, 2012  
Sample Tested Date : Apr.19, 2012 to May 15, 2012

**Test Conducted:**

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

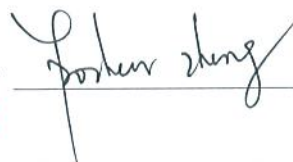
Tested by



Approved by



Victor Wang  
Lab Manager



2012-05-18

No. 27484729

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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 substrate materials of children's products
- 2) European Regulation(EC) No. 1907/2006, REACH & amendment No.552/2009 Annex XVII
  - Cadmium and its compounds

### CONCLUSION

**PASS<sup>#01</sup>**

**PASS<sup>#02</sup>**

\*\*\*\*\* 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 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) | (6) | (7) | (8) |             |
| Total Lead (Pb) | <5           | <5  | <5  | 34  | <5  | <5  | <5  | <5  | 100         |

| Tested Item     | Result (ppm) |      |      |      |      |      |      |      | Limit (ppm) |
|-----------------|--------------|------|------|------|------|------|------|------|-------------|
|                 | (9)          | (10) | (11) | (12) | (13) | (14) | (15) | (16) |             |
| Total Lead (Pb) | <5           | <5   | <5   | <5   | <5   | <5   | <5   | <5   | 100         |

Tested Component(s):

- (1) Transparent plastic(animals)
- (2) Blue ink
- (3) White plastic(pen core)
- (4) Silver metal(pen nib)
- (5) Silver metal(pen ball)
- (6) Transparent red plastic(holder)
- (7) Transparent green plastic(holder)
- (8) Transparent blue plastic(holder)
- (9) Transparent green plastic(frog)
- (10) Transparent red plastic(heart)
- (11) Blue plastic(holder of animal, blue pen)
- (12) Blue plastic(stopper of holder, blue pen)
- (13) Green plastic(holder of animal, green pen)
- (14) Green plastic(stopper of holder, green pen)
- (15) Red plastic(stopper of holder, red pen)
- (16) Red plastic(stopper of holder, red pen)

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**Remark:**

- <= Less than
- ppm = parts per million = mg/kg
- #01: CTI conducted total lead on the components which were identified by the client, and the testing results can meet CPSIA requirement.

**2) 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)     | (6)     | (7)     |           |
| Cadmium (Cd) | <0.0005    | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | 0.01      |

| Tested Item  | Result (%) |         |         |         |         |         |         | Limit (%) |
|--------------|------------|---------|---------|---------|---------|---------|---------|-----------|
|              | (8)        | (9)     | (10)    | (11)    | (12)    | (13)    | (14)    |           |
| Cadmium (Cd) | <0.0005    | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | 0.01      |

**Tested Component(s):**

- (1) Transparent plastic(animals)
- (2) Blue ink
- (3) White plastic(pen core)
- (4) Transparent red plastic(holder)
- (5) Transparent green plastic(holder)
- (6) Transparent blue plastic(holder)
- (7) Transparent green plastic(frog)
- (8) Transparent red plastic(heart)
- (9) Blue plastic(holder of animal, blue pen)
- (10) Blue plastic(stopper of holder, blue pen)
- (11) Green plastic(holder of animal, green pen)
- (12) Green plastic(stopper of holder, green pen)
- (13) Red plastic(stopper of holder, red pen)

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(14) Red plastic(stopper of holder, red pen)

Remark:

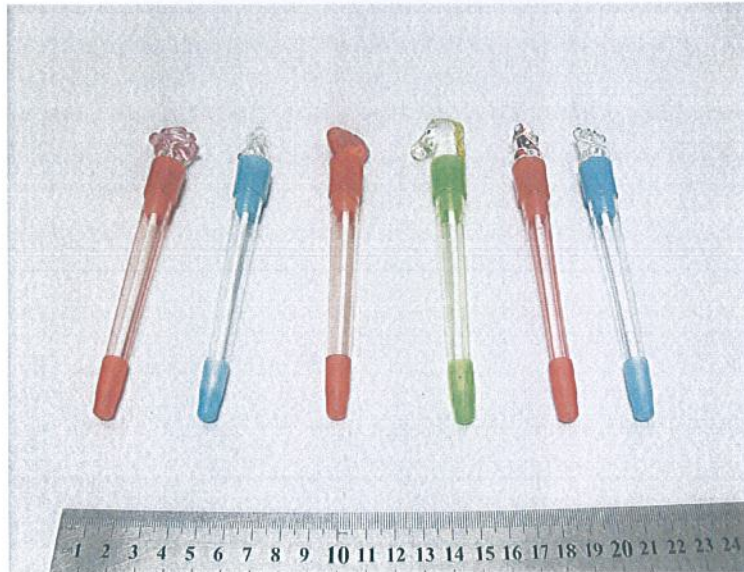
- $\leq$  Less than
- % = Percentage
- <sup>#02</sup>: CTI conducted Cadmium on the components which were identified by the client, and the testing results can meet European Regulation(EC) No. 1907/2006, REACH with amendments No.552/2009 & No.494/2011 Annex XVII requirement

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## Photo of the sample



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

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