

## Test Report

Report No.: SZT10051408853

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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 : BIKE SAFETY LIGHT  
Item No. : 05-006  
Buyer : Kids'Korner  
Country of Origin : China  
Exported to : U.S.A  
Labeled Age Grading : 3+  
Sample Received Date : May.14, 2010  
Sample Tested Date : May.14, 2010 to May.19, 2010

**TEST REQUEST**

**CONCLUSION**

1)US Consumer Products Safety Improvement Act 2008 (CPSIA)

- Lead in surface-coatings and similar materials of children's product
- Lead in substrate materials of children's product

N/A

PASS

2)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)

PASS


N/A = Not Applicable

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

Inspected by:

  
Engineer

Approved by:

  
Victor wang  
Lab Manager

Approved date:

2010-05-20



Building C, Hongwei Industrial Zone, Baoan 70 District, Shenzhen

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**1) 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)	(4)	(5)	(6)	(7)	
Total Lead (Pb)	<5	111	<5	<5	<5	<5	<5	300

**Tested Components:**

- (1) Transparent red plastic(cover)
- (2) Black plastic(bottom)
- (3) Yellow plastic
- (4) Black hard plastic(clamp)
- (5) Blue soft plastic(button)
- (6) Multi-color electro-plated metal(screw)
- (7) Multi-color electro-plated metal(cap)

**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 SZT100416 06730



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## 2) 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)	(4)	(5)	(6)	
Cadmium (Cd)	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	0.01

Element	Result (%)		Limit (%)
	(7)	(8)	
Cadmium (Cd)	<0.0001	<0.0001	N.D.( <0.0001)

### Tested Components:

- (1) Transparent red plastic(cover)
- (2) Transparent red plastic(cover)
- (3) Black plastic(bottom)
- (4) Yellow plastic
- (5) Black hard plastic(clamp)
- (6) Blue soft plastic(button)
- (7) Multi-color electro-plated metal(screw)
- (8) Multi-color electro-plated metal(cap)

### Remark:

- < = Less than
- %= Percentage based on dry weight of testing sample
- N.D. = Not Detected

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### Photo of the sample



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

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