

# Test Report

Report No.: SZT10042307281

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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 : Mood Rings (New designs including boys)  
Item/Lot No. : 04-816  
Buyer : Kids'Korner  
Country of Origin : China  
Exported to : U.S.A  
Labelled Age Grading : 3+  
Sample Received Date : Apr.23,2010  
Resubmitted Sample Date : May.19,2010  
Sample Tested Date : Apr.23,2010 to Jun.01,2010

**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)
- 2) 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


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

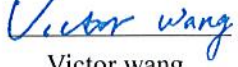
**N/A**

**PASS**

**N/A= Not Applicable**

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

Inspected by:   
Engineer

Approved by:   
Victor wang  
Lab Manager



Approved date: 2010-06-03

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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)	(4)	
Cadmium(Cd)	<0.0001	<0.0001	<0.0001	<0.0001	N.D(<0.0001)

Element	Result (%)	Limit (%)
	(5)	
Cadmium(Cd)	<0.0005	0.01

### Tested Components:

- (1) Silver electro-plated metal(heart& penguin ring)
- (2) Silver electro-plated metal(heart)
- (3) Silver electro-plated metal(penguin)
- (4) Silver electro-plated metal(ring)
- (5) Transparent plastic(ring)

### Remark:

- <= Less than
- %= Percentage based on dry weight of testing sample
- N.D=Not Detected.
- #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 & amendment No.552/2009 Annex XVII requirement.

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**2) 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 paint or similar surface-coating material on the submitted sample, so it is not applicable to CPSIA requirement)

**▼ 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)	
Total Lead (Pb)	71	59	70	94	<5	300

**Tested Components:**

- (1) Silver electro-plated metal(heart& penguin ring)
- (2) Silver electro-plated metal(heart)
- (3) Silver electro-plated metal(penguin)
- (4) Silver electro-plated metal(ring)
- (5) Transparent plastic(ring)

**Remark:**

- <= Less than
- ppm= parts per million based on dry weight of sample

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### Photo of the sample



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

This report is considered invalidated without the Special Seal for Inspection of the CTI, This report shall not be altered, increased or deleted. The results shown in this test report refer only to the sample(s) tested. Without written approval of CTI, this test report shall not be copied except in full and published as advertisement.

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