

## Test Report

Report No.: SZT10051408854A

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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 : MINI LOVE BEAR W/STONES  
Item No. : 03-016  
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 : May.14, 2010  
1<sup>st</sup>Resubmitted Sample Date : May.28, 2010  
2<sup>nd</sup>Resubmitted Sample Date : Jun.02,2010  
Sample Tested Date : May.14, 2010 to Jun.02,2010

**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

**PASS**

**PASS**

2)ASTM F963-08 Standard Consumer Safety Specification for Toy Safety

**PASS**

3)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**

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

Inspected by: Frank, Approved by: Victor wang, Approved date: 2010-06-03  
Engineer Victor wang  
Lab Manager



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**1) US CONSUMER PRODUCTS SAFETY IMPROVEMENT ACT 2008 (CPSIA)**

**▼ LEAD IN SURFACE-COATING AND SIMILAR MATERIALS OF CHILDREN'S PRODUCT**

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).

Element	Result (ppm)	Limit (ppm)
	Silver electro-plated coating(back of rhinestone)	
Total Lead (Pb)	<5	90

Remark:

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

**▼ 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)	(8)	
Total Lead (Pb)	<5	<5	<5	<5	<5	21	<5	<5	300

Element	Result (ppm)						Limit (ppm)
	(9)	(10)	(11)	(12)	(13)	(14)	
Total Lead (Pb)	<5	<5	<5	21	93	<5	300

Tested Components:

- (1) Transparent purple plastic(rhinestone)
- (2) Transparent white plastic(rhinestone)
- (3) Transparent pink plastic(rhinestone)
- (4) Transparent blue plastic(rhinestone)
- (5) Silver electro-plated metal(pillar)
- (6) Silver electro-plated metal(ring)



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- (7) Silver electro-plated metal(body of lobster buckle )
- (8) Silver electro-plated metal(sliding spool of lobster buckle )
- (9) Beige white tricot(body)
- (10) Red tricot(heart)
- (11) White wadding(inside)
- (12) Black cord
- (13) White cord
- (14) White glue(rhinestone)

Remark:

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

## 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)
4.3	Toxicology	
4.3.5	Paint & Similar Surface-coating Material.....	Pass (See Note 2)
4.6	Small Objects.....	Pass
4.7	Accessible Edges.....	Pass
4.9	Accessible Points.....	Pass
4.27	Stuffed & Beanbag-Type Toy.....	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

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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>
MINI LOVE BEAR W/STONES	IBE	0.1
-- IBE = Ignite But Self-Extinguished		

Note 2 :

**TOXIC ELEMENTS CONTENT**

Heavy Metals Analysis : Total Lead (Clause 4.3.5.1)

Acid Digestion Method was Used and Total Lead Content was Determined by Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES).

<u>Element</u>	<u>Result(mg/kg)</u>	<u>Limit (mg/kg)</u>
	Silver electro-plated coating(back of rhinestone)	
Total Lead	< 5	90

Heavy Metals Analysis : Soluble Heavy Metal (Clause 4.3.5.2)

Acid Extraction Method was Used in accord with ASTM F963-08 (Clause 8.3) and Toxic Elements Content were Determined by Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES).

Remark:

- < = Less than
- mg/kg = Milligram per kilogram based on dry weight of sample
- As received, the test portion of silver electro-plated coating(back of rhinestone) is less than 10mg, therefore such components were not tested for soluble elements, as specified in ASTM F963-08 Clause 8.3.3.1 (2)

Note:

- Only applicable clauses were shown.

**3) 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).

<u>Element</u>	<u>Result (%)</u>							<u>Limit (%)</u>
	(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

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Element	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

Element	Result (%)					Limit (%)
	(15)	(16)	(17)	(18)	(19)	
Cadmium (Cd)	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	N.D.( <0.0001)

**Tested Components:**

- (1) Transparent purple plastic(rhinestone)
- (2) Transparent white plastic(rhinestone)
- (3) Transparent pink plastic(rhinestone)
- (4) Transparent blue plastic(rhinestone)
- (5) Black cord
- (6) White cord
- (7) White glue(rhinestone)
- (8) Silver electro-plated coating(back of rhinestone)
- (9) Beige white tricot(body)
- (10) Brown thread(nose)
- (11) White thread(joint)
- (12) Black thread(eyes)
- (13) Red tricot(heart)
- (14) White wadding(inside)
- (15) Silver electro-plated metal(pillar)
- (16) Silver electro-plated metal(ring)
- (17) Silver electro-plated metal(body of lobster buckle)
- (18) Silver electro-plated metal(sliding spool of lobster buckle)
- (19) Silver electro-plated metal(spring of lobster buckle)

**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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