

Test Report

Report No.: TLSZD00020534

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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 : HEART BEAR
Item/Lot No. : K06-105
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.08,2011
Sample Resubmission Date : May.11,2011
Sample Tested Date : Apr.08,2011 to May.12,2011

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) | PASS^{#01} |
| 2)ASTM F963-08 Standard Consumer Safety Specification for Toy Safety | PASS |
| 3)US Consumer Product Safety Improvement Act 2008 (CPSIA)
- Lead in surface-coatings and similar materials of children's product | PASS |
| - Lead in substrate materials of children's product | PASS |

Test Results: Please refer to next page(s)

Inspected by:  , Approved by:  Approved date: 2011-05-12
Engineer Victor wang No. 27487586
Lab Manager



4F, Building F, Hongwei Industrial Zone, Baoan 70 District, Shenzhen, China

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1) EUROPEAN REGULATION(EC) NO. 1907/2006, REACH & AMENDMENT NO.552/2009

ANNEX XVII

▼ 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) Black plastic(eyes&nose)
- (2) White plush
- (3) Red velvet

Remark:

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

2) ASTM F963 -08

As Specified in ASTM F963-08 Standard Consumer Safety Specification for Toy Safety.

Clause	Description	Assessment
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)

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4.6	Small Objects.....	N/A
4.7	Accessible Edges.....	Pass
4.9	Accessible Points.....	Pass
4.27	Stuffed & Beanbag-Type Toy.....	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
8.9.1	Seam Test.....	Pass

N/A = Not Applicable

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>
HEART BEAR	0.03	0.1

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>
	Black coating(label)	
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).

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Remark:

- \leq Less than
- mg/kg = Milligram per kilogram based on dry weight of sample
- As received, the test portion of black coating(label) is less than 10mg, therefore such component was not tested for soluble elements, as specified in ASTM F963-08 Clause 8.3.3.1 (2)

Note:

- Only applicable clauses were shown.

3) US CONSUMER PRODUCT SAFETY IMPROVEMENT ACT 2008 (CPSIA)

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

As Specified in Consumer Product Safety Improvement Act 2008 (CPSIA) and Title 16 Part 1303 Code of Federal Regulations, Chapter II – Consumer Product 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).

<u>Element</u>	<u>Result (ppm)</u>	<u>Limit</u>
	Black coating(label)	(ppm)
Total Lead (Pb)	<5	90

Remark:

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

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▼ LEAD IN SUBSTRATE MATERIALS OF CHILDREN'S PRODUCT

As Specified in Consumer Product Safety Improvement Act 2008 (CPSIA), Methods CPSC-CH-E1001-08.1 and CPSC-CH-E1002-08.1 were Used and Total Lead Content was Determined by Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES).

<u>Element</u>	<u>Result (ppm)</u>		<u>Limit (ppm)</u>
	(1)	(2)	
Total Lead (Pb)	<5	<5	300

Tested Components:

- (1) Black plastic(eye&nose)
- (2) Brown plastic(eye pad)

Remark:

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

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Photo of the sample



*** End of report **

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