

Test Report

Report No.: TLSZD00020530

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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 : DINOSAURS
Item/Lot No. : K01-104
Buyer : Kids' Korner
Country of Origin : CHINA
Exported to : USA
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.20,2011/May.26,2011
Sample Tested Date : Apr.08,2011 to May.27,2011

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 |
| 2)ASTM F963-08 Standard Consumer Safety Specification for Toy Safety
- Mechanical and Physical Test | PASS |
| - Flammability Test | 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 |
| - Phthalates in children's toys and child care articles | PASS^{#01} |

Test Results: Please refer to next page(s)

Inspected by: Richard Li, Approved by: Victor wang Approved date: 2011-05-27
Engineer Lab Manager No. 27488184



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)	(4)	
Cadmium (Cd)	<0.0005	<0.0005	<0.0005	<0.0005	0.01

Element	Result (%)			Limit (%)
	(5)	(6)	(7)	
Cadmium (Cd)	<0.0005	<0.0005	<0.0005	0.01

Tested Components:

- (1) Bright blue paint
- (2) Orange paint
- (3) Black paint
- (4) Green plastic
- (5) Yellow plastic
- (6) Orange plastic
- (7) Flesh plastic

Remark:

- < = Less than
- %= Percentage based on dry weight of testing sample
- Result(s) shown of tested component(s) (3) is/are quoted from CTI test report TLSZD00020920.

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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)
4.6	Small Objects.....	Pass
4.7	Accessible Edges.....	Pass
4.9	Accessible Points.....	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

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>
DINOSAURS	0.03	0.1

Note:

- Only applicable clauses were shown.

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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).

Element	Result (ppm)			Limit (ppm)
	(1)	(2)	(3)	
Total Lead (Pb)	<5	<5	<5	90

Tested Components:

- (1) Bright blue paint
- (2) Orange paint
- (3) Black paint

Remark:

- <= Less than
- ppm= parts per million based on dry weight of sample
- Result(s) shown of tested component(s) (3) is/are quoted from CTI test report TLSZD00020920.

▼ 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).

Element	Result (ppm)				Limit (ppm)
	(1)	(2)	(3)	(4)	
Total Lead (Pb)	<5	<5	<5	<5	300

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Tested Components:

- (1) Green plastic
- (2) Yellow plastic
- (3) Orange plastic
- (4) Flesh plastic

Remark:

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

▼ PHTHALATES IN CHILDREN'S TOY AND CHILD CARE ARTICLES

As Specified in Consumer Product Safety Improvement Act 2008 (CPSIA), Method CPSC-CH-C1001-09.3 was Used and phthalates were Determined by Gas Chromatograph with Mass Spectrometer (GC-MS).

Material(s) in toys and childcare articles		
Tested Item	Result (%)	Limit [#]
	(1)/(2)/(3)	(%)
Di-2-ethylhexyl Phthalate (DEHP)	<0.003	0.1
Dibutyl Phthalate (DBP)	<0.003	0.1
Benzylbutyl Phthalate (BBP)	<0.003	0.1

Material(s) in toys that can be placed in mouth and childcare articles		
Tested Item	Result (%)	Limit [#]
	(1)/(2)/(3)	(%)
Diisononyl Phthalate (DINP)	<0.005	0.1
Di-n-octyl Phthalate (DNOP)	<0.003	0.1
Diisodecyl Phthalate (DIDP)	<0.005	0.1

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Tested Components:

- (1) Green plastic
- (2) Yellow plastic
- (3) Orange plastic

Remark:

- \leq Less than
- %= Percentage based on dry weight of sample
- # = The limit for the test result is $1/n$ of the value column (where “ n” is the number of mixed samples)
- ^{#01} : CTI conducted phthalates on the components which were identified by the client, and the testing results can meet CPSIA requirement.

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Photo of the sample



*** End of report **

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