

Test Report

Report No.: TLSZD00020923

Page 1 of 6

Applicant : CSP INC

Address : 8248 W. ORANGE DR GLENDALE, AZ 85303 USA

Report on the submitted sample said to be:

Sample Name : ALPHA BABY TOY
Item/Lot No. : K04-112
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.14,2011
Further Information Date : May.17,2011/ May.23,2011/May.26,2011
Sample Tested Date : Apr.14,2011 to May.26,2011

TEST REQUEST

CONCLUSION

- | | |
|---|-------------|
| 1)ASTM F963-08 Standard Consumer Safety Specification for Toy Safety | 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 |
| 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: *Eran Gu*, Approved by: *Victor wang* Approved date: 2011-05-27
Engineer Victor wang No. 27489529
Lab Manager



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



Test Report

Report No.: TLSZD00020923

Page 2 of 6

1) 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
5.	Safety Labeling Requirements	
5.3	Safety Labeling Requirements.....	Pass
5.11	Small Objects, Small Balls, Marbles, and Balloons.....	Pass
5.16	Promotional Materials.....	Pass
6.	Instructional Literature	
6.1	Definition and description	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>
ALPHA BABY TOY	0.02	0.1

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

Test Report

Report No.: TLSZD00020923

Page 3 of 6

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</u>
	Black paint	(mg/kg)
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 black coating 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.

Test Report

Report No.: TLSZD00020923

Page 4 of 6

2) 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

Element	Result (%)				Limit (%)
	(4)	(5)	(6)	(7)	
Cadmium (Cd)	<0.0005	<0.0005	<0.0005	<0.0005	0.01

Tested Components:

- (1) Black paint
- (2) Blue plastic
- (3) Yellow plastic
- (4) Pink plastic
- (5) Green plastic
- (6) Purple plastic
- (7) Orange plastic

Remark:

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



Test Report

Report No.: TLSZD00020923

Page 5 of 6

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 paint	(ppm)
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 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</u>
	(1)	(2)	(3)	(4)	(5)	(6)	(ppm)
Total Lead (Pb)	<5	<5	<5	<5	<5	<5	300

Tested Components:

- (1) Blue plastic
- (2) Yellow plastic
- (3) Pink plastic
- (4) Green plastic
- (5) Purple plastic
- (6) Orange plastic

Remark:

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

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

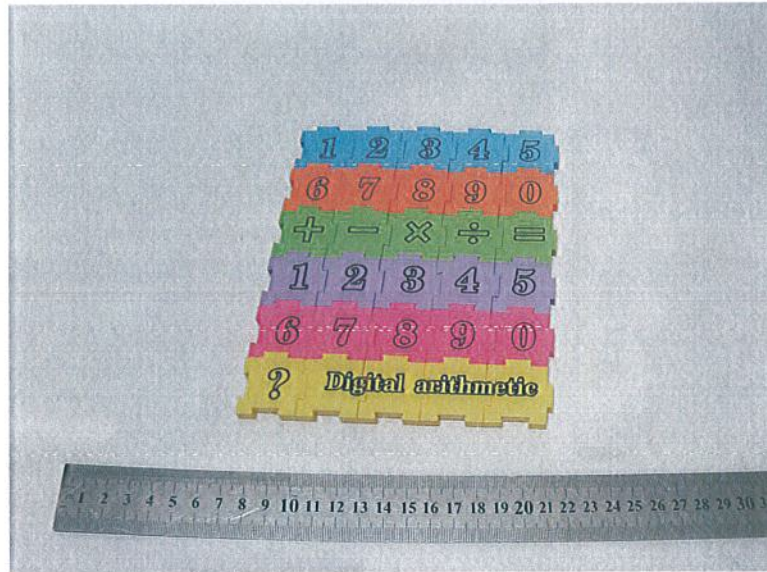


Test Report

Report No.: TLSZD00020923

Page 6 of 6

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.

