

Test Report

Report No.: SZT10042607372

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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 : CHOCOLATE BAR CALCULATOR
Item/Lot No. : 05-014
Buyer : Kids'Korner
Country of Origin : China
Exported to : U.S.A
Labelled Age Grading : 3+
Sample Received Date : Apr.26,2010
Sample Tested Date : Apr.26,2010 to Apr.30,2010

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)

PASS

2) US Consumer Products Safety Improvement Act 2008 (CPSIA)

- Lead in surface-coatings and similar materials of children's product

N/A

- Lead in substrate materials of children's product

PASS

- Phthalates in children's toys and child care articles

PASS^{#01}


N/A= Not Applicable

Test Results: Please refer to next page(s)

Inspected by:


Engineer

, Approved by:


Victor wang
Lab Manager

Approved date:

2010-04-30



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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)	(5)	(6)	
Cadmium (Cd)	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	0.01

Element	Result (%)					Limit (%)
	(7)	(8)	(9)	(10)	(11)	
Cadmium (Cd)	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	0.01

Tested Components:

- (1) Chocolate soft plastic(surface)
- (2) Dk. brown plastic(base)
- (3) Transparent plastic(screen)
- (4) Red plastic(cable jacket, inside)
- (5) Black foam with adhesive(inside)
- (6) Transparent plastic film with black, white coatings and adhesive(circuit diagram, inside)
- (7) White plastic film with silver coating(inside of screen)
- (8) Brown PCB (inside)
- (9) Green coating on PCB (inside)
- (10) Dk. grey soft plastic(button, inside)
- (11) Black soft plastic(button, inside)

Remark:

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

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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 surface-coating and similar materials on the submitted samples)

▼ 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).

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

Tested Components:

- (1) Chocolate soft plastic(surface)
- (2) Dk. brown plastic(base)
- (3) Transparent brown glass(screen)
- (4) Transparent plastic(screen)

Remark:

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

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▼ PHTHALATES IN CHILDREN'S TOY AND CHILD CARE ARTICLES

As Specified in Consumer Products Safety Improvement Act 2008 (CPSIA), Method CPSC-CH-C1001-09.2 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	<0.003	<0.003	0.1
Dibutyl Phthalate (DBP)	<0.003	<0.003	<0.003	0.1
Benzylbutyl Phthalate (BBP)	<0.003	<0.003	<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	<0.005	<0.005	0.1
Di-n-octyl Phthalate (DNOP)	<0.003	<0.003	<0.003	0.1
Diisodecyl Phthalate (DIDP)	<0.005	<0.005	<0.005	0.1

Tested Components:

- (1) Chocolate soft plastic(surface)
- (2) Dk. brown plastic(base)
- (3) Transparent plastic(screen)

Remark:

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