

Test Report

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Client : CSP INC

Address PO BOX 1157 GLENDALE AZ.85311

Report on the submitted sample said to be:

Sample Description Sand Creatures

Item No. K05-822 24 PCS Quantity of Sample Kids'Korner Buyer

Country of Origin Other Exported to U.S.A Client Specified Age Grading : 3+

: Not stated Labelled Age Grading Age Group Applied in Testing : Over 3 years May. 09, 2009 Sample Received Date : May. 20, 2009 Resubmitted Sample Date **Further Information Date** : May. 21, 2009

Sample Tested Date May. 09, 2009 to May. 23, 2009

TEST REQUEST CONCLUSION

ASTM F963-08 Standard Consumer Safety Specification for Toy Safety **PASS**

Lead Content Test Requirement of Title 16 Part 1303 Code of Federal **PASS** Regulations, Chapter II - Consumer Products Safety Commission of U.S.A

US Consumer Products 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**

Test Results: Please refer to next page(s)

Inspected by:

Approved date: Victor wang

E-mail:info@cti-cert.com

Engineer Lab Manager

Building C, Hongwei Industrial Zone, Baoan 70 District, Shenzhen



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1) <u>ASTM F963 – 08</u>

AS SPECIFIED IN ASTM F963-08 STANDARD CONSUMER SAFETY SPECIFICATION FOR TOY SAFETY.

<u>Clause</u>	<u>Description</u>	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)
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

Note 1:

Flammability Test (Clause 4.2)

Flammability Test on Solid

Sample Burning Rate (inch/sec) Limit (inch/sec) Sand Creatures 0.03 0.1

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Note 2:

ASTM F963-08 CLAUSE 4.3.5 - PAINT & SIMILAR SURFACE-COATING MATERIAL

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>	Result(mg/kg)	<u>Limit</u>
	Multi-color similar coating	(mg/kg)
Total Lead	< 5	600

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 multi-color 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.

2) <u>BAN OF LEAD-CONTAINING PAINT AND CERTAIN CONSUMER PRODUCTS BEARING</u> LEAD-CONTAINING PAINT

As Specified in Title 16 Part 1303 Code of Federal Regulations, Acid Digestion Method was Used and Total Lead Content was Determined by Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES).

Element	Result(%)	<u>Limit</u>
)	Multi-color similar coating	(%)
Total Lead (Pb)	< 0.0005	0.060

Remark:

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

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

<u>Element</u>	Result (ppm)	Required Limit #1
	Multi-color similar coating	(ppm)
Total Lead	<5	600

Remark:

- <= Less than
- ppm= parts per million based on dry weight of sample
- #1 = The total Lead limit for surface coatings and similar materials will be **90ppm** (Effective Date : August 14, 2009)

▼ <u>LEAD IN SUBSTRATE MATERIALS OF CHILDREN'S PRODUCT</u>

As Specified in Consumer Products Safety Improvement Act 2008 (CPSIA), Acid Digestion Method was Used and Total Lead Content was Determined by Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES).

<u>Element</u>	Result (ppm)						Required Limit #2		
(0.)	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(ppm)
Total Lead	<5	<5	<5	<5	<5	<5	<5	28	600

Tested Components:

- (1) Black fabric(cayman)
- (2) Pink fabric(elephant)
- (3) Yellow fabric(dog)
- (4) Red fabric(dinosaur)
- (5) Green/dk. green fabric with golden thread(snake)
- (6) Yellow/blue fabric(frog)
- (7) Red thread(dinosaur)
- (8) Black plastic(eye)

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Remark:

< = Less than

ppm= parts per million based on dry weight of sample

^{#2} = The total Lead limit for substrate materials will be **300ppm** (Effective Date : August 14, 2009)

▼ PHTHALATES IN CHILDREN'S TOY AND CHILD CARE ARTICLES

As Specified in Consumer Products Safety Improvement Act 2008 (CPSIA) , Solvent extraction Method was Used and phthalates were Determined by Gas Chromatograph with Mass Spectrometer (GC-MS).

Material(s) in toys and childcare articles					
Tested Item	(6,2)	<u>Limit</u>			
	(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	n mouth and childcare a	rticles	
Tested Item	Resi	<u>Limit</u>	
	(1)	(2)	(%)
Diisononyl Phthalate (DINP)	< 0.005	< 0.005	0.1
Di-n-octyl Phthalate (DNOP)	< 0.003	< 0.003	0.1
Diisodecyl Phthalate (DIDP)	< 0.005	< 0.005	0.1

Tested Components:

- (1) Multi-color similar coating
- (2) Black plastic(eye)
- (3) White plastic(eye, inside)

Remark:

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

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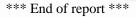
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Photo of the sample

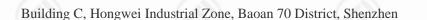
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