

# Test Report

Report No.: TLSZD00020537R1

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 : ANIMAL LIFE PENS  
Item/Lot No. : K05-110  
Buyer : Kids' Korner  
Country of Origin : CHINA  
Exported to : USA  
Client Specified Age Grading : 3+  
Sample Received Date : Apr.08,2011  
Sample Resubmission Date : May.11,2011/May.17,2011  
Sample Tested Date : Apr.08,2011 to May.19,2011

**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<sup>#01</sup>**
- 2)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<sup>#02</sup>**

**Test Results:** Please refer to next page(s)

Inspected by: Junhui zheng Approved by: Victor wang Approved date: 2011-05-25  
Engineer Victor wang Lab Manager No. 27480850



# Test Report

Report No.: TLSZD00020537R1

Page 2 of 6

**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).

<u>Element</u>	<u>Result (%)</u>				<u>Limit (%)</u>
	(1)	(2)	(3)	(4)	
Cadmium (Cd)	<0.0005	<0.0005	<0.0005	<0.0005	0.01

**Tested Components:**

- (1) Transparent soft plastic with silver glitter(cap)
- (2) White plastic(orange fish penholder)
- (3) Black plastic(dolphin penholder)
- (4) Beige white plastic(fishes penholder)

**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.

# Test Report

Report No.: TLSZD00020537R1

Page 3 of 6

## 2) 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)	(4)	
Total Lead (Pb)	21	<5	<5	<5	90

Tested Components:

- (1) Black coating with white and yellow coatings(dolphin pen)
- (2) Orange coating with grey white and black coating(orange fish pen)
- (3) Multi-color coating(purple pen)
- (4) Multi-color coating(golden pen)

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).

Element	Result (ppm)					Limit (ppm)
	(1)	(2)	(3)	(4)	(5)	
Total Lead (Pb)	<5	<5	28	<5	148	300

# Test Report

Report No.: TLSZD00020537R1

Page 4 of 6

Element	Result (ppm)					Limit (ppm)
	(6)	(7)	(8)	(9)	(10)	
Total Lead (Pb)	28	<5	<5	10	46	300

**Tested Components:**

- (1) Transparent soft plastic with silver glitter(cap)
- (2) White plastic(orange fish penholder)
- (3) Black plastic(dolphin penholder)
- (4) Beige white plastic(fishes penholder)
- (5) Silver radium plastic film with inaccessible multi-color coating and adhesive(eyes)
- (6) Silver metal(nib)
- (7) Silver metal(pen ball)
- (8) Transparent plastic(cartridge)
- (9) Blue ink
- (10) Transparent plastic(eyes)

**Remark:**

- < = Less than
- ppm= parts per million based on dry weight of sample
- Result(s) shown of tested component(s) (6) is/are based on resubmitted part materials.



# Test Report

Report No.: TLSZD00020537R1

Page 5 of 6

## ▼ 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		
<u>Tested Item</u>	<u>Result (%)</u>	<u>Limit</u>
	Transparent soft plastic with silver glitter(cap)	(%)
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		
<u>Tested Item</u>	<u>Result (%)</u>	<u>Limit</u>
	Transparent soft plastic with silver glitter(cap)	(%)
Diisononyl Phthalate (DINP)	<0.005	0.1
Di-n-octyl Phthalate (DNOP)	<0.003	0.1
Diisodecyl Phthalate (DIDP)	<0.005	0.1

**Remark:**

- < = Less than
- %= Percentage based on dry weight of sample
- #02 : CTI conducted phthalates on the components which were identified by the client, and the testing results can meet CPSIA requirement.

**Note:**

- All data shown of this test report is/are quoted from CTI test report TLSZD00020537 without any additional test, only accessorial information is amended, and it supersedes CTI test report TLSZD00020537.

## Test Report

Report No.: TLSZD00020537R1

Page 6 of 6

### Photo of the sample



\*\*\* End of report \*\*\*

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