

Test Report

Report No.: TLSZD00020526

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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 : MULTI COLOR PEN
Item/Lot No. : K02-108
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.17,2011
Sample Tested Date : Apr.08,2011 to May.23,2011

TEST REQUEST

CONCLUSION

- 1) 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^{#01}**
- 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^{#02}**

Test Results: Please refer to next page(s)

Inspected by:  , Approved by:  Approved date: 2011-05-23
Engineer Victor wang No. 27487401
Lab Manager



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

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1) 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
	Multi-color coating(penholder)	(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).

Element	Result (ppm)						Limit
	(1)	(2)	(3)	(4)	(5)	(6)	(ppm)
Total Lead (Pb)	<5	<5	<5	<5	<5	<5	300

Element	Result (ppm)						Limit
	(7)	(8)	(9)	(10)	(11)	(12)	(ppm)
Total Lead (Pb)	<5	<5	<5	<5	<5	28	300

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Element	Result (ppm)						Limit (ppm)
	(13)	(14)	(15)	(16)	(17)	(18)	
Total Lead (Pb)	<5	<5	<5	<5	<5	<5	300

Element	Result (ppm)							Limit (ppm)
	(19)	(20)	(21)	(22)	(23)	(24)	(25)	
Total Lead (Pb)	<5	<5	<5	<5	<5	<5	<5	300

Tested Components:

- (1) Transparent orange plastic(bear head)
- (2) White plastic(penholder)
- (3) Orange soft plastic(penholder)
- (4) Black plastic(push-button)
- (5) Green plastic(push-button)
- (6) Blue plastic(push-button)
- (7) Yellow plastic(push-button)
- (8) Purple plastic(push-button)
- (9) Red plastic(push-button)
- (10) Silver metal(spring)
- (11) White plastic(cartridge)
- (12) Silver metal(nib)
- (13) Silver metal(penball)
- (14) Black ink(cartridge)
- (15) Green ink(cartridge)
- (16) Blue ink(cartridge)
- (17) Orange ink(cartridge)
- (18) Purple ink(cartridge)
- (19) Red ink(cartridge)
- (20) Transparent green plastic(bear head)
- (21) Transparent blue plastic(bear head)
- (22) Transparent pink plastic(bear head)
- (23) Translucent green soft plastic(penholder)
- (24) Blue soft plastic(penholder)
- (25) Pink soft plastic(penholder)



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Remark:

- \leq Less than
- ppm= parts per million based on dry weight of sample
- Result(s) shown of tested component(s) (12) is/are based on resubmitted part materials.
- #01 : CTI conducted total lead on the components which were identified by the client, and the testing results can meet CPSIA requirement.

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

Tested Components:

- (1) Transparent orange plastic(bear head)
- (2) Transparent green plastic(bear head)
- (3) Transparent blue plastic(bear head)
- (4) Transparent pink plastic(bear head)

Remark:

- \leq Less than
- %= Percentage based on dry weight of testing sample
- #02: 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.

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Photo of the sample



*** End of report ***

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