

# Test Report

Report No.: SZT09061111556

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**Client** : CSP INC  
**Address** : PO BOX 1157 GLENDALE AZ.85311

**Report on the submitted sample said to be:**

Sample Name : Sippy Cup  
Item No. : K04-911  
Quantity of Sample : 2 PCS  
Buyer : Kids' Korner  
Country of Origin : Others  
Exported to : U.S.A  
Labeled Age Grading : Over 3 years  
Report Date : Jun.12,2009

**TEST REQUEST**

- 1)US Consumer Products Safety Improvement Act 2008 (CPSIA)
  - Lead in substrate materials of children's product
  - Phthalates in children's toys and child care articles
- 2) U.S. Food and Drug Administration Regulations for determining the amount of maximum extractable fraction in n-hexane, maximum soluble fraction in xylene, melting point and density respectively for polypropylene olefin polymers

**CONCLUSION**

**PASS**<sup>#01</sup>  
**FYI**  
**PASS**

**FYI= FOR YOUR INFORMATION**

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

Inspected by: Yockeer zheng, Approved by: Victor wang, Approved date: 2009-06-12  
Engineer Victor wang  
Lab Manager



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## 1) LEAD IN SUBSTRATE MATERIALS OF CHILDREN'S PRODUCT

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).

Element	Result (ppm)		Limit #1
	(1)	(2)	(ppm)
Total Lead (Pb)	<5	<5	600

Tested Components:

- (1) Blue plastic(cover)
- (2) White plastic

Remark:

- < = Less than
- ppm= parts per million based on dry weight of sample
- #1 = The total Lead limit for substrate materials will be **300ppm** (Effective Date : August 14, 2009)
- As per client request, result of test component (2) is copied from CTI test report SZT09042808225, Result of test component (1) is copied from CTI test report SZT09051909725
- #01 : CTI conducted total lead on the components which were identified by the client, and the testing results can meet CPSIA requirement.

## ▼ 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	Result (%)		Limit
	(1)	(2)	(%)
Di-2-ethylhexyl Phthalate (DEHP)	<0.003	<0.003	0.1
Dibutyl Phthalate (DBP)	<0.003	<0.003	0.1
Benzylbutyl Phthalate (BBP)	<0.003	<0.003	0.1

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Material(s) in toys that can be placed in mouth and childcare articles			
<u>Tested Item</u>	<u>Result (%)</u>		<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) Blue plastic(cover)
- (2) Multi-color plastic

**Remark:**

- <= Less than
- %= Percentage based on dry weight of sample
- As per client request, result of test component (2) is copied from CTI test report SZT09042808225.  
Result of test component (1) is copied from CTI test report SZT09051909725

**2) U.S. FOOD AND DRUG ADMINISTRATION REGULATIONS**

As specified in FDA 21 CFR 177.1520 (c) (1.1a)

<u>Tested Item</u>	<u>Result</u>	<u>Limit</u>
	White Plastic	
1. Density	0.899	0.880-0.913
2. Melting point, °C	170	160-180
3. Maximum extractable fraction in n-hexane, w/w %	0.93	6.4
4. Maximum soluble fraction in xylene, w/w %	3.37	9.8

**Remark:**

- Results are copied from CTI test report SZF09060310835

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## Photo of the sample



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

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# Test Report

Report No.: SZT09051909725

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**Client** : CSP INC  
**Address** : PO BOX 1157 GLENDALE AZ.85311

**Report on the submitted sample said to be:**

Sample Name : Sippy Cup  
Item No. : K04-911  
Quantity of Sample : 2 PCS  
Buyer : Kids' Korner  
Country of Origin : Others  
Exported to : U.S.A  
Labeled Age Grading : Over 3 years  
Sample Received Date : May.19, 2009  
Sample Tested Date : May.19, 2009 to May.26, 2009

**TEST REQUEST**

US Consumer Products Safety Improvement Act 2008 (CPSIA)

- Lead in substrate materials of children's product
- Phthalates in children's toys and child care articles

**FYI= FOR YOUR INFORMATION**

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

**CONCLUSION**

**PASS#01**

**FYI**

Inspected by: 

Engineer

, Approved by: 

Victor wang  
Lab Manager

Approved date: 2009-05-26



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Report No.: SZT09051909725

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## ▼ LEAD IN SUBSTRATE MATERIALS OF CHILDREN'S PRODUCT

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).

Element	Result (ppm)		Limit #1 (ppm)
	(1)	(2)	
Total Lead (Pb)	<5	<5	600

Tested Components:

- (1) Blue plastic(cover)
- (2) White plastic

Remark:

- < = Less than
- ppm= parts per million based on dry weight of sample
- #1 = The total Lead limit for substrate materials will be **300ppm** (Effective Date : August 14, 2009)
- As per client request, result of test component (2) is copied from CTI test report SZT09042808225 .
- #01 : CTI conducted total lead on the components which were identified by the client, and the testing results can meet CPSIA requirement.

## ▼ 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	Result (%)		Limit (%)
	(1)	(2)	
Di-2-ethylhexyl Phthalate (DEHP)	<0.003	<0.003	0.1
Dibutyl Phthalate (DBP)	<0.003	<0.003	0.1
Benzylbutyl Phthalate (BBP)	<0.003	<0.003	0.1

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Material(s) in toys that can be placed in mouth and childcare articles			
<u>Tested Item</u>	<u>Result (%)</u>		<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) Blue plastic(cover)
- (2) Multi-color plastic

Remark:

- <= Less than
- %= Percentage based on dry weight of sample
- As per client request, result of test component (2) is copied from CTI test report SZT09042808225 .

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## Photo of the sample



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# Test Report

Report No.: SZT09042808225

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**Client** : CSP INC  
**Address** : 8248 W. ORANGE DR GLENDALE, AZ 85303 USA

**Report on the submitted sample said to be:**

Sample Name : Sippy Cup  
Item No. : K04-911  
Buyer : Kids' Korner  
Country of Origin : China  
Exported to : U.S.A  
Labeled Age Grading : 3+  
Sample Received Date : Apr.28, 2009  
Sample Tested Date : Apr.28, 2009 to May.05, 2009

**TEST REQUEST**

US Consumer Products Safety Improvement Act 2008 (CPSIA)  
- Lead in substrate materials of children's product  
- Phthalates in children's toys and child care articles

**FYI= FOR YOUR INFORMATION**

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

**CONCLUSION**

**PASS<sup>#01</sup>**  
**FYI**

Inspected by:  , Approved by:  Approved date: 2009-05-05

Engineer

Victor wang  
Lab Manager



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

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## ▼ LEAD IN SUBSTRATE MATERIALS OF CHILDREN'S PRODUCT

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>	<u>Result</u> (ppm)	<u>Limit</u> <sup>#1</sup>
	White plastic	(ppm)
Total Lead (Pb)	<5	600

Remark:

- < = Less than
- ppm= parts per million based on dry weight of sample
- <sup>#1</sup> = The total Lead limit for substrate materials will be **300ppm** (Effective Date : August 14, 2009)
- <sup>#01</sup> : CTI conducted total lead on the components which were identified by the client, and the testing results can meet CPSIA requirement.

## ▼ 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		
<u>Tested Item</u>	<u>Result</u> (%)	<u>Limit</u>
	Multi-color plastic	(%)
Di-2-ethylhexyl Phthalate (DEHP)	<0.003	0.1
Dibutyl Phthalate (DBP)	<0.003	0.1
Benzylbutyl Phthalate (BBP)	<0.003	0.1

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Material(s) in toys that can be placed in mouth and childcare articles		
<u>Tested Item</u>	<u>Result (%)</u>	<u>Limit (%)</u>
	Multi-color plastic	
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
- As per client request, test the sample compositely.

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## Photo of the sample



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

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