

2006

## Test Report

Report No. SCL01H000780d

Page 1 of 5

**Applicant**  
**Address**

The following sample(s) and sample information was/were submitted and identified by/on the behalf of the client

Sample Name	Basic Skills Board
Item No.	3784/13784/23784
PO No.	1433/1434/1466/1467
PDC	HP15005
Shipment Quantity	1488/2112/984/1416
Factory Name	HP
Exported to	NA
Country of origin	China
Carton No.	NA
Customer	
Original/Purpose	Chris BT
Quantity of sample	5 pcs
Sample Received Date	Jan. 7, 2015
Sample Resubmitted Date	Jan. 15, 2015/Jan. 13, 2015
Testing Period	Jan. 7, 2015 to Jan. 20, 2015

**Test Conducted:**

As requested by the applicant, for details refer to next page(s)

Tested by

*Carey*

Reviewed by

*Mark*

Approved by

*Victor Wang*

Date

Mar. 4, 2015



Victor Wang  
 Lab Manager

No. T149813640



## Test Report

Report No. SCL01H000780d

Page 2 of 5

### Executive Summary:

#### TEST REQUEST

US Consumer Product Safety Improvement Act of 2008 (CPSIA) with amendment (H.R.2715)

- Phthalates in surface coating of children's toys and child care articles
- Phthalates in substrate of children's toys and child care articles

#### CONCLUSION

PASS

PASS

\*\*\*\*\* For Further Details, Please Refer To the Following Page(s) \*\*\*\*\*

## Test Report

Report No. SCL01H000780d

Page 3 of 5

**US Consumer Product Safety Improvement Act of 2008 (CPSIA) with amendment (H.R.2715)**

**▼ Phthalates in surface coating of children's toys and child care articles**

Method(s) CPSC-CH-C1001-09.3 was/were used, and the item(s) was/were analyzed by GC-MS.

Tested Item(s)	Result (mg/kg)				MDL (mg/kg)	Limit (mg/kg)
	001	002	003	004		
Di-2-ethylhexyl Phthalate (DEHP)	180	N.D.	N.D.	N.D.	30	1000
Dibutyl Phthalate (DBP)	N.D.	N.D.	N.D.	N.D.	30	1000
Benzylbutyl Phthalate (BBP)	N.D.	N.D.	N.D.	N.D.	30	1000
Diisononyl Phthalate (DINP)	N.D.	N.D.	N.D.	N.D.	50	1000
Di-n-octyl Phthalate (DNOP)	N.D.	N.D.	N.D.	N.D.	30	1000
Diisodecyl Phthalate (DIDP)	N.D.	N.D.	N.D.	N.D.	50	1000
Di-n-hexyl Phthalate (DnHP)	N.D.	N.D.	N.D.	N.D.	30	--

**Remark:**

- MDL = Method Detection Limit
- N.D. = Not Detected (less than MDL)
- mg/kg = ppm = parts per million
- 1000 mg/kg = 0.1%

**▼ Phthalates in substrate of children's toys and child care articles**

Method(s) CPSC-CH-C1001-09.3 was/were used, and the item(s) was/were analyzed by GC-MS.

Tested Item(s)	Result (mg/kg)				MDL (mg/kg)	Limit (mg/kg)
	005	006	007	008		
Di-2-ethylhexyl Phthalate (DEHP)	N.D.	N.D.	N.D.	N.D.	30	1000
Dibutyl Phthalate (DBP)	N.D.	N.D.	N.D.	N.D.	30	1000
Benzylbutyl Phthalate (BBP)	N.D.	N.D.	N.D.	N.D.	30	1000
Diisononyl Phthalate (DINP)	N.D.	N.D.	N.D.	N.D.	30	1000
Di-n-octyl Phthalate (DNOP)	N.D.	N.D.	N.D.	N.D.	30	1000
Diisodecyl Phthalate (DIDP)	N.D.	N.D.	N.D.	N.D.	50	1000
Di-n-hexyl Phthalate (DnHP)	N.D.	N.D.	N.D.	N.D.	30	--

## Test Report

Report No. SCL01H000780d

Page 4 of 5

Tested Item(s)	Result (mg/kg)				MDL (mg/kg)	Limit (mg/kg)
	009	010	011	018		
Di-2-ethylhexyl Phthalate (DEHP)	N.D.	N.D.	302	N.D.	30	1000
Dibutyl Phthalate (DBP)	N.D.	N.D.	N.D.	N.D.	30	1000
Benzylbutyl Phthalate (BBP)	N.D.	N.D.	N.D.	N.D.	30	1000
Diisononyl Phthalate (DINP)	N.D.	N.D.	N.D.	N.D.	30	1000
Di-n-octyl Phthalate (DNOP)	N.D.	N.D.	N.D.	N.D.	30	1000
Diisodecyl Phthalate (DIDP)	N.D.	N.D.	N.D.	N.D.	50	1000
Di-n-hexyl Phthalate (DnHP)	N.D.	N.D.	N.D.	N.D.	30	--

**Remark:**

- MDL = Method Detection Limit
- N.D. = Not Detected (less than MDL)
- mg/kg = ppm = parts per million
- 1000 mg/kg = 0.1%

**Tested Sample/Part Description**

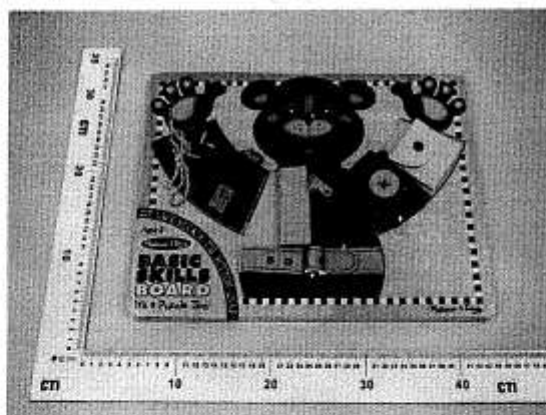
- 001 Black coating(eyelet & buckle of waistband)
- 002 Green coating(snap fastener)
- 003 Multi-color coating(puzzle & board)
- 004 Multi-color coating(product label)
- 005 White paper label(product label)
- 006 Transparent plastic(ends of cord)
- 007 Black plastic(buckle)
- 008 Green plastic(zipper slider)
- 009 Black plastic(zipper element)
- 010 Fresh green plastic(fastener)
- 011 Green synthetic material with black thread(puzzle)
- 018 Black fabric with transparent glue(zipper tape)

## Test Report

Report No. SCL01H000780d

Page 5 of 5

### Photo(s) of the sample(s)



\*\*\* End of Report \*\*\*

The test report is effective only with both signature and specialized stamp. The result(s) shown in this report refer only to the sample(s) tested. Without written approval of CTI, this report can't be reproduced except in full.

20016

# Test Report

Report No. SCL01H000780b

Page 1 of 6

Applicant

Address

The following sample(s) and sample information was/were submitted and identified by/on the behalf of the client

Sample Name	Basic Skills Board
Item No.	3784/13784/23784
PO No.	1433/1434/1466/1467
PDC	HP15005
Shipment Quantity	1488/2112/984/1416
Factory Name	HP
Exported to	NA
Country of origin	China
Carton No.	NA
Customer	
Original/Purpose	Chris BT
Quantity of sample	5 pcs
Sample Received Date	Jan. 7, 2015
Sample Resubmitted Date	Jan. 13, 2015
Testing Period	Jan. 7, 2015 to Jan. 20, 2015

**Test Conducted:**

As requested by the applicant, for details refer to next page(s)

Tested by

*Carey*

Reviewed by

*Mark*

Approved by

*Victor Wang*

Date

Mar. 4, 2015



Victor Wang  
Lab Manager

No. T149813640



## Test Report

Report No. SCL01H000780b

Page 2 of 6

### Executive Summary:

#### TEST REQUEST

- 1) US Consumer Product Safety Improvement Act of 2008 (CPSIA) with amendment (H.R.2715)
  - Lead in substrate materials of children's products
- 2) SOR/2011-17 Toys Regulations of Canada Consumer Product Safety Act (CCPSA)
  - Total Lead content in plastic material
- 3) SOR/2010-273 Consumer products containing Lead (contact with mouth) regulations of CCPSA
  - Total Lead content in substrate materials

#### CONCLUSION

PASS

N/A

N/A

N/A = Not Applicable

\*\*\*\*\* For Further Details, Please Refer To the Following Page(s) \*\*\*\*\*

## Test Report

Report No. SCL01H000780b

Page 3 of 6

**1) US Consumer Product Safety Improvement Act of 2008 (CPSIA) with amendment (H.R.2715)**

**▼ Lead in substrate materials of children's products**

Method(s) CPSC-CH-E1001-08.3/CPSC-CH-E1002-08.3 was/were used, and the item(s) was/were analyzed by ICP-OES.

Tested Item(s)	Result (mg/kg)					MDL (mg/kg)	Limit (mg/kg)	Client's Limit (mg/kg)
	005	006	007	008	009			
Lead (Pb)	N.D.	N.D.	N.D.	N.D.	N.D.	5	100	40

Tested Item(s)	Result (mg/kg)					MDL (mg/kg)	Limit (mg/kg)	Client's Limit (mg/kg)
	010	011	012	013	015			
Lead (Pb)	N.D.	N.D.	N.D.	N.D.	N.D.	5	100	40

Tested Item(s)	Result (mg/kg)					MDL (mg/kg)	Limit (mg/kg)	Client's Limit (mg/kg)
	016	017	018	019	020			
Lead (Pb)	N.D.	N.D.	N.D.	N.D.	N.D.	5	100	40

Tested Item(s)	Result (mg/kg)					MDL (mg/kg)	Limit (mg/kg)	Client's Limit (mg/kg)
	021	022	023	024	025			
Lead (Pb)	N.D.	N.D.	N.D.	N.D.	N.D.	5	100	40

Tested Item(s)	Result (mg/kg)					MDL (mg/kg)	Limit (mg/kg)	Client's Limit (mg/kg)
	026	027	028	029	030			
Lead (Pb)	16	14	12	15	15	5	100	40

Tested Item(s)	Result (mg/kg)			MDL (mg/kg)	Limit (mg/kg)	Client's Limit (mg/kg)
	031	032	033			
Lead (Pb)	N.D.	N.D.	N.D.	5	100	40

**Remark:**

- mg/kg = ppm = parts per million
- N.D. = Not Detected (less than MDL)
- MDL = Method Detection Limit



## Test Report

Report No. SCL01H000780b

Page 4 of 6

**2) SOR/2011-17 Toys Regulations of Canada Consumer Product Safety Act (CCPSA)**

▼ **Total Lead content in plastic material**..... **N/A**

With reference to appropriate methods, and the item(s) was/were analyzed by ICP-OES.

N/A = Not Applicable

**3) SOR/2010-273 Consumer products containing Lead (contact with mouth) regulations of CCPSA**

▼ **Total Lead content in substrate materials**..... **N/A**

With reference to appropriate methods, and the item(s) was/were analyzed by ICP-OES.

N/A = Not Applicable

**Tested Sample/Part Description**

- 005 White paper label(product label)
- 006 Transparent plastic(ends of cord)
- 007 Black plastic(buckle)
- 008 Green plastic(zipper slider)
- 009 Black plastic(zipper element)
- 010 Fresh green plastic(fastener)
- 011 Green synthetic material with black thread(puzzle)
- 012 White paper(puzzle & board)
- 013 Beige plywood(puzzle & board)
- 015 Red corduroy with red thread(puzzle)
- 016 Green cord
- 017 Green woven with green thread(strap)
- 018 Black fabric with transparent glue(zipper tape)
- 019 Yellow corduroy with yellow thread(puzzle)
- 020 Blue corduroy with blue thread(puzzle)
- 021 Black thread(fastener)
- 022 Silver metal(eyelet)
- 023 Silver metal(gasket of eyelet)
- 024 Light golden metal(rivet of puzzle)
- 025 Silver metal(gasket of rivet, puzzle)

## Test Report

Report No. SCL01H000780b

Page 5 of 6

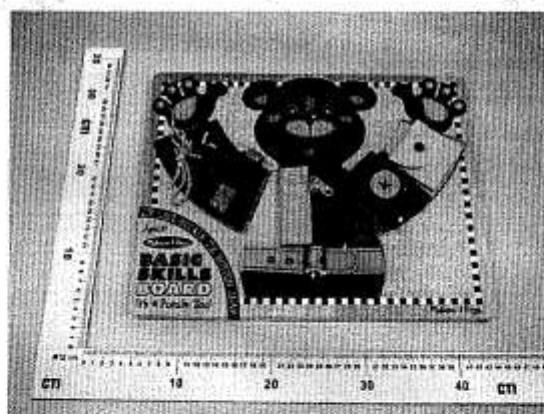
- 026 Silver metal(female snap fastener)
- 027 Silver metal(back of female snap fastener)
- 028 Silver metal(pin inside of female snap fastener)
- 029 Silver metal(male snap fastener)
- 030 Silver metal(back of male snap fastener)
- 031 Silver metal(buckle of waistband)
- 032 Silver metal(pin of buckle, waistband)
- 033 Silver metal(big gasket of rivet)

## Test Report

Report No. SCL01H000780b

Page 6 of 6

### Photo(s) of the sample(s)



\*\*\* End of Report \*\*\*

The test report is effective only with both signature and specialized stamp. The result(s) shown in this report refer only to the sample(s) tested. Without written approval of CTI, this report can't be reproduced except in full.

20016

## Test Report

Report No. SCL01H000780e

Page 1 of 6

Applicant

Address

The following sample(s) and sample information was/were submitted and identified by/on the behalf of the client

Sample Name	Basic Skills Board
Item No.	3784/13784/23784
PO No.	1433/1434/1466/1467
PDC	HP15005
Shipment Quantity	1488/2112/984/1416
Factory Name	HP
Exported to	NA
Country of origin	China
Carton No.	NA
Customer	
Original/Purpose	Chris BT
Quantity of sample	5 pcs
Client Specified Age Grading	Not stated
Labeled Age Grading	Ages 3+
Age Group Applied in Testing	Over 3 years
Sample Received Date	Jan. 7, 2015
Testing Period	Jan. 7, 2015 to Jan. 20, 2015

### Test Conducted:

As requested by the applicant, for details refer to next page(s)

Tested by

Tom Zhao

Reviewed by

Richard L.

Approved by

Victor Wang

Date

Mar. 4, 2015



Victor Wang  
Lab Manager

No. T149813640

Centre Testing International (Shenzhen) Co., Ltd. Hongwei Industrial Zone, Bao'an 70 District, Shenzhen, Guangdong, China



## Test Report

Report No. SCL01H000780e

Page 2 of 6

### Executive Summary:

#### TEST REQUEST

- 1) Consumer Product Safety Commission 16 CFR Ch.II
  - 1500.44 Flammability test on solid
- 2) ASTM F963-11 Standard Consumer Safety Specification for Toy Safety
  - Mechanical and Physical test
- 3) SOR/2011-17 Toys Regulations of Canada Consumer Product Safety Act (CCPSA)
  - Physical and mechanical properties
  - Flammability

#### CONCLUSION

PASS

PASS

PASS

PASS

\*\*\*\*\* For Further Details, Please Refer To the Following Page(s) \*\*\*\*\*

## Test Report

Report No. SCL01H000780e

Page 3 of 6

### 1) Consumer Product Safety Commission 16 CFR Ch. II

#### ▼ Flammability Test

##### Flammability Test on Solid

As Specified In Title 16 Part 1500.44 Code of Federal Regulations U.S.A

Burning Rate (inch/sec)	Limit (inch/sec)
DNI	0.1

-- DNI = Did Not Ignite

### 2) ASTM F963-11 Standard Consumer Safety Specification for Toy Safety

#### ▼ Mechanical and Physical test

As specified in ASTM F963-11 standard consumer safety specification for toy safety.

Clause	Description	Assessment
4.	Safety Requirements	
4.1	Material Quality (Visual Examination).....	Pass
4.6	Small Objects.....	N/A
4.7	Accessible Edges.....	Pass
4.9	Accessible Points.....	Pass
4.11	Nails & Fasteners.....	Pass
4.18	Holes, Clearance, and Accessibility of Mechanisms.....	Pass
5.	Safety Labeling Requirements	
5.2	Age Grading Labeling.....	Pass
5.16	Promotional Materials.....	Pass
6.	Instructional Literature	
6.1	Definition and description .....	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

## Test Report

Report No. SCL01H000780e

Page 4 of 6

8.9 Tension Test.....  
8.10 Compression Test.....

Pass  
Pass

N/A = Not Applicable

Note:

- Only applicable clause(s) was/were shown.

### 3) SOR/2011-17 Toys Regulations of Canada Consumer Product Safety Act (CCPSA)

#### ▼ Physical and Mechanical properties

<u>Section</u>	<u>Description</u>	<u>Assessment</u>
8	Metal Edges.....	Pass
10	Plastic Components or Toys.....	Pass
11	Wooden Components.....	Pass
13	Fasteners.....	Pass

#### Test Methods

M00.2	Sharp Edges.....	Pass
M00.3	Sharp Points.....	Pass
M01.1	Reasonable Foreseeable Use.....	Pass

Note:

- Only applicable clause(s) was/were shown.

## Test Report

Report No. SCL01H000780e

Page 5 of 6

### ▼ Flammability test

Section	Description	Assessment
21	Celluloid or Cellulose Nitrate .....	Pass
32	Flammability of Flat / Raised Fibre Textile Material .....	Pass

(See Note 1)

### Note 1:

Flammability Test for Flat/Raised Fibre Textile Material (Section 32)

Burning Time (Second) (After Washing)

Sample	1	2	3	4	5
Red corduroy with red thread(puzzle)	DNI	DNI	DNI	DNI	DNI
Yellow corduroy with yellow thread(puzzle)	DNI	DNI	DNI	DNI	DNI
Blue corduroy with blue thread(puzzle)	DNI	DNI	DNI	DNI	DNI

### Requirement:

Flat or raised fibre textile material or natural fur, the time of flame spread should be in excess of 7 Seconds.

DNI = Did Not Ignite

### Note:

- Only applicable clause(s) was/were shown.

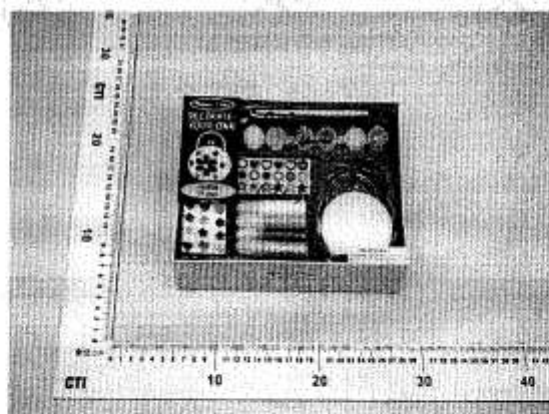


## Test Report

Report No. SCL01H000780e

Page 6 of 6

### Photo(s) of the sample(s)



\*\*\* End of Report \*\*\*

The test report is effective only with both signature and specialized stamp. The result(s) shown in this report refer only to the sample(s) tested. Without written approval of CTI, this report can't be reproduced except in full.

20016

# Test Report

Report No. SCL01H000780c

Page 1 of 6

**Applicant**  
**Address**

The following sample(s) and sample information was/were submitted and identified by/on the behalf of the client

Sample Name	Basic Skills Board
Item No.	3784/13784/23784
PO No.	1433/1434/1466/1467
PDC	HP15005
Shipment Quantity	1488/2112/984/1416
Factory Name	HP
Exported to	NA
Country of origin	China
Carton No.	NA
Customer	
Original/Purpose	Chris BT
Quantity of sample	5 pcs
Sample Received Date	Jan. 7, 2015
Testing Period	Jan. 7, 2015 to Jan. 20, 2015

**Test Conducted:**

As requested by the applicant, for details refer to next page(s)

Tested by

Carey

Reviewed by

Mark

Approved by

Victor Wang

Date

Mar. 4, 2015


 Victor Wang  
 Lab Manager

No. T149813640

Centre Testing International (Shenzhen) Co., Ltd.

Hongwei Industrial Zone, Bao'an 70 District, Shenzhen, Guangdong, China



## Test Report

Report No. SCL01H000780c

Page 2 of 6

### Executive Summary:

#### TEST REQUEST

ASTM F963-11 Standard Consumer Safety Specification for Toy Safety

- Clause 4.3.5 – Migration of certain elements in substrate materials

#### CONCLUSION

PASS

\*\*\*\*\* For Further Details, Please Refer To the Following Page(s) \*\*\*\*\*

## Test Report

Report No. SCL01H000780c

Page 3 of 6

**ASTM F963-11 Standard Consumer Safety Specification for Toy Safety**

**▼ Clause 4.3.5 – Migration of certain elements in substrate materials**

Method(s) ASTM F963-11 Clause 8.3 was/were used, and the item(s) was/were determined by ICP-OES.

Tested Item(s)	Result (mg/kg)					MDL (mg/kg)	Limit (mg/kg)	Client's Limit (mg/kg)
	005	006	007	008	009			
Soluble Antimony (Sb)	N.D.	N.D.	N.D.	N.D.	N.D.	5	60	25
Soluble Arsenic (As)	N.D.	N.D.	N.D.	N.D.	N.D.	2.5	25	10
Soluble Barium (Ba)	N.D.	N.D.	N.D.	N.D.	N.D.	5	1000	500
Soluble Cadmium (Cd)	N.D.	N.D.	N.D.	N.D.	N.D.	5	75	40
Soluble Chromium (Cr)	N.D.	N.D.	N.D.	N.D.	N.D.	2.5	60	40
Soluble Lead (Pb)	N.D.	N.D.	N.D.	N.D.	N.D.	5	90	30
Soluble Mercury (Hg)	N.D.	N.D.	N.D.	N.D.	N.D.	2.5	60	30
Soluble Selenium (Se)	N.D.	N.D.	N.D.	N.D.	N.D.	5	500	200

Tested Item(s)	Result (mg/kg)					MDL (mg/kg)	Limit (mg/kg)	Client's Limit (mg/kg)
	010	011	012	013	015			
Soluble Antimony (Sb)	N.D.	N.D.	N.D.	N.D.	N.D.	5	60	25
Soluble Arsenic (As)	N.D.	N.D.	N.D.	N.D.	N.D.	2.5	25	10
Soluble Barium (Ba)	N.D.	17	N.D.	8	N.D.	5	1000	500
Soluble Cadmium (Cd)	N.D.	N.D.	N.D.	N.D.	N.D.	5	75	40
Soluble Chromium (Cr)	N.D.	N.D.	N.D.	N.D.	N.D.	2.5	60	40
Soluble Lead (Pb)	N.D.	N.D.	N.D.	N.D.	N.D.	5	90	30
Soluble Mercury (Hg)	N.D.	N.D.	N.D.	N.D.	N.D.	2.5	60	30
Soluble Selenium (Se)	N.D.	N.D.	N.D.	N.D.	N.D.	5	500	200

## Test Report

Report No. SCL01H000780c

Page 4 of 6

Tested Item(s)	Result (mg/kg)					MDL (mg/kg)	Limit (mg/kg)	Client's Limit (mg/kg)
	016	017	018	019	020			
Soluble Antimony (Sb)	N.D.	N.D.	N.D.	N.D.	N.D.	5	60	25
Soluble Arsenic (As)	N.D.	N.D.	N.D.	N.D.	N.D.	2.5	25	10
Soluble Barium (Ba)	N.D.	N.D.	N.D.	N.D.	N.D.	5	1000	500
Soluble Cadmium (Cd)	N.D.	N.D.	N.D.	N.D.	N.D.	5	75	40
Soluble Chromium (Cr)	N.D.	N.D.	N.D.	N.D.	N.D.	2.5	60	40
Soluble Lead (Pb)	N.D.	N.D.	N.D.	N.D.	N.D.	5	90	30
Soluble Mercury (Hg)	N.D.	N.D.	N.D.	N.D.	N.D.	2.5	60	30
Soluble Selenium (Se)	N.D.	N.D.	N.D.	N.D.	N.D.	5	500	200

Tested Item(s)	Result (mg/kg)	MDL	Limit	Client's Limit
	021	(mg/kg)	(mg/kg)	(mg/kg)
Soluble Antimony (Sb)	N.D.	5	60	25
Soluble Arsenic (As)	N.D.	2.5	25	10
Soluble Barium (Ba)	N.D.	5	1000	500
Soluble Cadmium (Cd)	N.D.	5	75	40
Soluble Chromium (Cr)	N.D.	2.5	60	40
Soluble Lead (Pb)	N.D.	5	90	30
Soluble Mercury (Hg)	N.D.	2.5	60	30
Soluble Selenium (Se)	N.D.	5	500	200

**Remark:**

- MDL = Method Detection Limit
- N.D. = Not Detected (<MDL)
- mg/kg = ppm = parts per million
- Result(s) shown are of adjusted analytical results by subtracting analytical correction factor.
- Filter paper was used instead of 0.45µm membrane filter in lab testing.
- Where the test portion has a mass of between 10mg and 100mg, the quantity of the appropriate elements shall be calculated as if 100mg of the test portion had been used.

## Test Report

Report No. SCL01H000780c

Page 5 of 6

### Tested Sample/Part Description

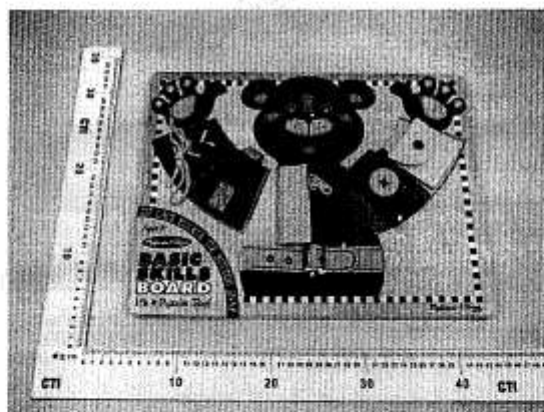
- 005 White paper label(product label)
- 006 Transparent plastic(ends of cord) (sample weight: 68.2mg)
- 007 Black plastic(buckle)
- 008 Green plastic(zipper slider)
- 009 Black plastic(zipper element)
- 010 Fresh green plastic(fastener)
- 011 Green synthetic material with black thread(puzzle)
- 012 White paper(puzzle & board)
- 013 Beige plywood(puzzle & board)
- 015 Red corduroy with red thread(puzzle)
- 016 Green cord
- 017 Green woven with green thread(strap)
- 018 Black fabric with transparent glue(zipper tape)
- 019 Yellow corduroy with yellow thread(puzzle)
- 020 Blue corduroy with blue thread(puzzle)
- 021 Black thread(fastener) (sample weight: 21.7mg)

## Test Report

Report No. SCL01H000780c

Page 6 of 6

### Photo(s) of the sample(s)



\*\*\* End of Report \*\*\*

The test report is effective only with both signature and specialized stamp. The result(s) shown in this report refer only to the sample(s) tested. Without written approval of CTI, this report can't be reproduced except in full.

## Test Report

Report No. SCL01H000780a

Page 1 of 5

Applicant  
Address

The following sample(s) and sample information was/were submitted and identified by/on the behalf of the client

Sample Name	Basic Skills Board
Item No.	3784/13784/23784
PO No.	1433/1434/1466/1467
PDC	HP15005
Shipment Quantity	1488/2112/984/1416
Factory Name	HP
Exported to	NA
Country of origin	China
Carton No.	NA
Customer	
Original/Purpose	Chris BT
Quantity of sample	5 pcs
Sample Received Date	Jan. 7, 2015
Sample Resubmitted Date	Jan. 15, 2015
Testing Period	Jan. 7, 2015 to Jan. 20, 2015

### Test Conducted:

As requested by the applicant, for details refer to next page(s)

Tested by

*Carey*

Reviewed by

*Mark*

Approved by

*Victor Wang*

Date

Mar. 4, 2015



Victor Wang  
Lab Manager

No. T149813640





## Test Report

Report No. SCL01H000780a

Page 2 of 5

### Executive Summary:

#### TEST REQUEST

- 1) Consumer Product Safety Commission 16 CFR Ch.II
  - Part 1303 – Ban of Lead in paint and similar surface coating
- 2) ASTM F963-11 Standard Consumer Safety Specification for Toy Safety
  - Clause 4.3.5 – Total Lead content in paint and similar surface coating materials
  - Clause 4.3.5 – Migration of certain elements in paint and similar surface coating materials

#### CONCLUSION

PASS

PASS

PASS

\*\*\*\*\* For Further Details, Please Refer To the Following Page(s) \*\*\*\*\*

## Test Report

Report No. SCL01H000780a

Page 3 of 5

**1) Consumer Product Safety Commission 16 CFR Ch.II**

**▼ Part 1303 – Ban of Lead in paint and similar surface coating**

Method(s) CPSC-CH-E1003-09.1 was/were used, and the item(s) was/were analyzed by ICP-OES.

Tested Item(s)	Result (mg/kg)				MDL (mg/kg)	Limit (mg/kg)	Client's Limit (mg/kg)
	001	002	003	004			
Lead (Pb)	N.D.	N.D.	N.D.	N.D.	5	90	30

Remark:

- MDL = Method Detection Limit
- N.D. = Not Detected (<MDL)
- mg/kg = ppm = parts per million

**2) ASTM F963-11 Standard Consumer Safety Specification for Toy Safety**

**▼ Clause 4.3.5 – Total Lead content in paint and similar surface coating materials**

Method(s) ASTM F963-11 Clause 8.3 was/were used, and the item(s) was/were analyzed by ICP-OES.

Tested Item(s)	Result (mg/kg)				MDL (mg/kg)	Limit (mg/kg)	Client's Limit (mg/kg)
	001	002	003	004			
Lead (Pb)	N.D.	N.D.	N.D.	N.D.	5	90	30

Remark:

- mg/kg = ppm = parts per million
- N.D. = Not Detected (less than MDL)
- MDL = Method Detection Limit

## Test Report

Report No. SCL01H000780a

Page 4 of 5

**▼ Clause 4.3.5 – Migration of certain elements in paint and similar surface coating materials**

Method(s) ASTM F963-11 Clause 8.3 was/were used, and the item(s) was/were determined by ICP-OES.

Tested Item(s)	Result (mg/kg)				MDL (mg/kg)	Limit (mg/kg)	Client's Limit (mg/kg)
	001	002	003	004			
Soluble Antimony (Sb)	N/A	N/A	N.D.	N.D.	5	60	25
Soluble Arsenic (As)	N/A	N/A	N.D.	N.D.	2.5	25	10
Soluble Barium (Ba)	N/A	N/A	N.D.	19	5	1000	500
Soluble Cadmium (Cd)	N/A	N/A	N.D.	N.D.	5	75	40
Soluble Chromium (Cr)	N/A	N/A	N.D.	N.D.	2.5	60	40
Soluble Lead (Pb)	N/A	N/A	N.D.	N.D.	5	90	30
Soluble Mercury (Hg)	N/A	N/A	N.D.	N.D.	2.5	60	30
Soluble Selenium (Se)	N/A	N/A	N.D.	N.D.	5	500	200

**Remark:**

- MDL = Method Detection Limit
- N.D. = Not Detected (<MDL)
- mg/kg = ppm = parts per million
- Result(s) shown are of adjusted analytical results by subtracting analytical correction factor.
- Filter paper was used instead of 0.45µm membrane filter in lab testing.
- N/A = Not Applicable, indicates the test portion(s) is/are less than 10mg, therefore such components was/were not tested for migration of certain elements, as specified in ASTM F963-11 Clause 8.3.

**Tested Sample/Part Description**

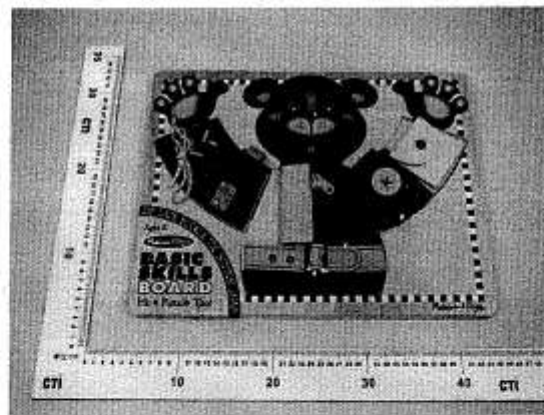
- 001 Black coating(eyelet & buckle of waistband)
- 002 Green coating(snap fastener)
- 003 Multi-color coating(puzzle & board)
- 004 Multi-color coating(product label)

## Test Report

Report No. SCL01H000780a

Page 5 of 5

### Photo(s) of the sample(s)



\*\*\* End of Report \*\*\*

The test report is effective only with both signature and specialized stamp. The result(s) shown in this report refer only to the sample(s) tested. Without written approval of CTI, this report can't be reproduced except in full.