

## TEST REPORT

The report shall not be reproduced without written approval from Intertek

The results relate only to the item tested.

Number: BKKH18000290

Applicant: PLAN CREATIONS CO., LTD.  
8 MOO 8, TRANG-PALIAN RD.,  
YANTAKAO, TRANG, THAILAND 92140  
ATTN: K.NARONG, K.SUPAPORN

Date: Apr 12, 2018

### Sample description:

Quantity of sample: One (1) set  
Sample description: Wooden toy  
Date sample received: January 11, 2018  
Date information received: April 09, 2018

### Client Information:

One (1) set of submitted sample said to be BABY WALKER

Item Name: BABY WALKER  
Item Number: 5123



\*\*\*\*\*

### Test conducted:

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

\*\*\*\*\*

To be continued

Authorized by :  
For Intertek Testing Services (Thailand) Ltd.,  
Hardlines Laboratory

*Ladtaka Wongwiboonporn*

Ladtaka Wongwiboonporn  
Laboratory Manager  
Hardlines Department

## TEST REPORT

The report shall not be reproduced without written approval from Intertek  
The results relate only to the item tested.

Number: BKKH18000290

### Conclusion:

#### Tested samples

Submitted sample

#### Standard

U.S. ASTM F963-16 for Physical and mechanical tests

#### Result

Pass

U.S. ASTM F963-16 for Flammability test of materials  
other than textile materials

Pass

U.S. ASTM F963-11 and ASTM F963-16 for  
Heavy elements Test

Pass

#### Standard - U.S. CFR title 16

(CPSC regulations)  
Part 1303 total Lead content

Pass

#### Standard

U.S. Consumer product safety improvement  
Act 2008(H.R. 4040) Title I, Section 101  
For total lead content in surface coating

Pass

U.S. Consumer product safety improvement  
Act 2008(H.R. 4040) Title I, Section 101  
For total lead content in non-surface coating material (substrate)

Pass

U.S. Consumer product safety improvement  
Act 2008(H.R. 4040) Title I, Section 108  
Requirement on phthalates

Pass

Phthalate Content Requirement base  
on the California Proposition 65

Pass

Illinois Lead Poisoning Prevention  
Act 410 ILCS 45 section 6 (public act 095-1019)

Pass

Remark: As requested by the applicant, the test was conducted only on components listed in this report.  
Other components were not tested.

\*\*\*\*\*

## TEST REPORT

The report shall not be reproduced without written approval from Intertek

The results relate only to the item tested.

Number: BKKH18000290

**Remark:**

The chemical test results was not conducted on the below components of samples. Applicant claimed the components were tested on our previous test report.

<u>Components</u>	<u>Report No.</u>	<u>Date</u>
<u>ASTM F963-16: Heavy metal</u>		
BROWN COATING ON WOOD	BKKH17008463	Jul 14, 2017
YELLOW COATING ON WOOD (8950)	BKKH17008950	Jul 26, 2017
LACQUER COATING ON WOOD	BKKH17008950	Jul 26, 2017
BLUE COATING ON WOOD	BKKH17008950	Jul 26, 2017
RED COATING ON WOOD	BKKH17008954	Jul 26, 2017
YELLOW COATING ON WOOD	BKKH17014798	Dec 06, 2017
LIGHT GREEN COATING ON WOOD	BKKH17014798	Dec 06, 2017
GRAY COATING ON WOOD	BKKH17014798	Dec 06, 2017
BLACK COATING ON WOOD	BKKH17014798	Dec 06, 2017
GRAY COATING ON WOOD (14794)	BKKH17014794	Dec 06, 2017
CREAM ELASTIC	BKKH17003195	Mar 13, 2017
PLYWOOD	BKKH17008452	Jul 14, 2017
BLACK PLASTIC (ABS)	BKKH18001628	Feb 12, 2018
GRAY RUBBER RING (EPDM)	BKKH18001629	Feb 12, 2018
<u>Lead in surface coating</u>		
BROWN COATING ON WOOD	BKKH17008463	Jul 14, 2017
YELLOW COATING ON WOOD (8950)	BKKH17008950	Jul 26, 2017
LACQUER COATING ON WOOD	BKKH17008950	Jul 26, 2017
BLUE COATING ON WOOD	BKKH17008950	Jul 26, 2017
RED COATING ON WOOD	BKKH17008954	Jul 26, 2017
YELLOW COATING ON WOOD	BKKH17014798	Dec 06, 2017
LIGHT GREEN COATING ON WOOD	BKKH17014798	Dec 06, 2017
GRAY COATING ON WOOD	BKKH17014798	Dec 06, 2017
BLACK COATING ON WOOD	BKKH17014798	Dec 06, 2017
GRAY COATING ON WOOD (14794)	BKKH17014794	Dec 06, 2017
<u>Lead in substrate</u>		
SCREW	BKKH17014683	Nov 30, 2017
CREAM ELASTIC	BKKH17003195	Mar 13, 2017
PLYWOOD	BKKH17008452	Jul 14, 2017
BLACK PLASTIC (ABS)	BKKH18001628	Feb 12, 2018
GRAY RUBBER RING (EPDM)	BKKH18001629	Feb 12, 2018

\*\*\*\*\*

## TEST REPORT

The report shall not be reproduced without written approval from Intertek  
The results relate only to the item tested.



Number: BKKH18000290

<u>Components</u>	<u>Report No.</u>	<u>Date</u>
<u>Phthalate content</u>		
CREAM ELASTIC	BKKH17003195	Mar 13, 2017
PLYWOOD	BKKH17008452	Jul 14, 2017
BROWN COATING ON WOOD	BKKH17008463	Jul 14, 2017
YELLOW COATING ON WOOD (8950)	BKKH17008950	Jul 26, 2017
LACQUER COATING ON WOOD	BKKH17008950	Jul 26, 2017
BLUE COATING ON WOOD	BKKH17008950	Jul 26, 2017
RED COATING ON WOOD	BKKH17008954	Jul 26, 2017
YELLOW COATING ON WOOD	BKKH17014798	Dec 06, 2017
LIGHT GREEN COATING ON WOOD	BKKH17014798	Dec 06, 2017
GRAY COATING ON WOOD	BKKH17014798	Dec 06, 2017
BLACK COATING ON WOOD	BKKH17014798	Dec 06, 2017
GRAY COATING ON WOOD (14794)	BKKH17014794	Dec 06, 2017
GRAY RUBBER RING (EPDM)	BKKH18001629	Feb 12, 2018

\*\*\*\*\*



## TEST REPORT

The report shall not be reproduced without written approval from Intertek

The results relate only to the item tested.

Number: BKKH18000290

Test conducted:

1 Physical And Mechanical Tests

Test Standard : ASTM Standard Consumer Safety Specification for Toy Safety F963-16.

Age group for testing : For age over 10 months.

The submitted samples were undergone the use and abuse tests in accordance with the Federal Hazardous Substances Act (FHSA), Title 16, Code of Federal Regulations : -

Test	FHSA	Parameter
Drop test	Section 1500.51(b)	10 x 4.5 ft
Tumble Test		--
Torque test	Section 1500.53(e)	4 in-lbf
Tension test	Section 1500.53(f)	15 lbf
Compression test	Section 1500.53(g)	30 lbf

Clause	Testing items	Assessment
4.1	Material quality	P
4.5	Sound-producing toys	NA
4.6.1	Toys intended for children under 36 months (small objects)	P
4.6.2	Mouth-actuated toys	NA
4.6.3	Toys and games for 36 months to 72 months (small part warning)	NA
4.7	Accessible edges	P
4.8	Projections	NA
4.9	Accessible points	P
4.10	Wires or rods	NA
4.11	Nails and fasteners	P
4.12	Plastic film	NA
4.13	Folding mechanisms and hinges	NA
4.14	Cords, straps and elastics	NA
4.15	Stability and over-load requirements	P
4.16	Confined spaces	NA
4.17	Wheels, tires and axles	P
4.18	Holes, clearance, and accessibility of mechanisms	P
4.19	Simulated protective devices	NA
4.20	Pacifiers	NA
4.21 <sup>▲</sup>	Projectile toys	NA
4.22	Teethers and teething toys	NA

## TEST REPORT

The report shall not be reproduced without written approval from Intertek

The results relate only to the item tested.

Number: BKKH18000290

Test conducted:

Clause	Testing items	Assessment
4.23	Rattles	NA
4.24	Squeeze toys	NA
4.25	Battery-operated toys	NA
4.26	Toys intended to be attached to a crib or playpen	NA
4.27	Stuffed and beanbag-type toys	NA
4.28	Stroller and carriage toys	NA
4.29	Art materials	NA
4.30	Toy gun marking	NA
4.31	Balloons	NA
4.32	Certain toys with nearly spherical ends	NA
4.33	Marbles	NA
4.34	Balls	NA
4.35	Pompoms	NA
4.36	Hemispheric-shaped objects	NA
4.37 <sup>▲</sup>	Yoyo elastic tether toys	NA
4.38	Magnets	NA
4.39	Jaw entrapment in handles and steering wheels	NA
4.40	Expanding materials	NA
4.41	Toy chests	NA
5	Labelling requirement	NA
6	Instructional literature	P
7	Producer's markings	Yes
	- name of producer (toy and package)	Yes
	- address (package)	Yes

Remark : P = Pass NA = Not applicable

▲ = Tested items are not included in the TISI Accreditation

Testing period : January 11, 2018 to April 09, 2018

### 2 Flammability Test

Test Standard : Clause 4.2 of the ASTM Standard Consumer Safety Specification for Toy Safety F963-16.

Results : Did not ignite

Testing period : January 11, 2018 to January 30, 2018

\*\*\*\*\*

## TEST REPORT

The report shall not be reproduced without written approval from Intertek

The results relate only to the item tested.

Number: BKKH18000290

Test conducted:

### 3 Heavy Elements Analysis

As per clause 4.3.5.1(2) of the ASTM Standard Consumer Safety Specification on Toy Safety F963-16, acid extraction method was used and heavy elements migration content were determined by ICP-OES analysis.

	<u>Result</u> <u>mg/kg</u>					<u>LOD</u> <u>mg/kg</u>	<u>LOQ</u> <u>mg/kg</u>	<u>Limit mg/kg</u>
	(1)	(2)	(3)	(4)	(5)			
Sol. Barium (Ba)	264	ND	ND	ND	ND	1	5	1000
Sol. Lead (Pb)	ND	ND	ND	<5	ND	1	5	90
Sol. Cadmium (Cd)	ND	ND	ND	ND	ND	1	5	75
Sol. Antimony (Sb)	ND	ND	ND	ND	ND	2	5	60
Sol. Selenium (Se)	ND	ND	ND	ND	ND	1	5	500
Sol. Chromium (Cr)	ND	ND	ND	ND	ND	2	5	60
Sol. Mercury (Hg)	ND	ND	ND	ND	ND	1	5	60
Sol. Arsenic (As)	ND	ND	ND	ND	ND	2	5	25

Remark: Sol. = Soluble  
mg/kg = Milligram per kilogram based on weight of sample; = ppm = Parts per million  
LOD = Limit of Detection LOQ = Limit of Quantitation  
ND = Not detected (Less than LOD) < = Less than

#### Tested components:

(1) =	BROWN COATING ON WOOD	Refer	BKKH17008463
(2) =	YELLOW COATING ON WOOD (8950)	Refer	BKKH17008950
(3) =	LACQUER COATING ON WOOD	Refer	BKKH17008950
(4) =	BLUE COATING ON WOOD	Refer	BKKH17008950
(5) =	RED COATING ON WOOD	Refer	BKKH17008954

Note: The results of soluble toxic elements were adjusted by subtracting the analytical correction factor.

\*\*\*\*\*

## TEST REPORT

The report shall not be reproduced without written approval from Intertek

The results relate only to the item tested.

Number: BKKH18000290

Test conducted:

### Heavy Elements Analysis

As per clause 4.3.5.1(2) of the ASTM Standard Consumer Safety Specification on Toy Safety F963-16, acid extraction method was used and heavy elements migration content were determined by ICP-OES analysis.

	<u>Result</u> <u>mg/kg</u>					<u>LOD</u> <u>mg/kg</u>	<u>LOQ</u> <u>mg/kg</u>	<u>Limit mg/kg</u>
	(6)	(7)	(8)	(9)	(10)			
Sol. Barium (Ba)	251	283	103	312	ND	1	5	1000
Sol. Lead (Pb)	ND	ND	ND	ND	ND	1	5	90
Sol. Cadmium (Cd)	ND	ND	ND	ND	ND	1	5	75
Sol. Antimony (Sb)	ND	ND	ND	ND	ND	2	5	60
Sol. Selenium (Se)	ND	ND	ND	ND	ND	1	5	500
Sol. Chromium (Cr)	ND	ND	ND	ND	ND	2	5	60
Sol. Mercury (Hg)	ND	ND	ND	ND	ND	1	5	60
Sol. Arsenic (As)	ND	ND	ND	ND	ND	2	5	25

Remark: Sol. = Soluble  
mg/kg = Milligram per kilogram based on weight of sample; = ppm = Parts per million  
LOD = Limit of Detection LOQ = Limit of Quantitation  
ND = Not detected (Less than LOD) < = Less than

### Tested components:

(6) =	YELLOW COATING ON WOOD	Refer	BKKH17014798
(7) =	LIGHT GREEN COATING ON WOOD	Refer	BKKH17014798
(8) =	GRAY COATING ON WOOD	Refer	BKKH17014798
(9) =	BLACK COATING ON WOOD	Refer	BKKH17014798
(10) =	GRAY COATING ON WOOD (14794)	Refer	BKKH17014794

Note: The results of soluble toxic elements were adjusted by subtracting the analytical correction factor.

\*\*\*\*\*

## TEST REPORT

The report shall not be reproduced without written approval from Intertek

The results relate only to the item tested.

Number: BKKH18000290

Test conducted:

### Heavy Elements Analysis

As per clause 4.3.5.2(2)(b) of the ASTM Standard Consumer Safety Specification on Toy Safety F963-16, acid extraction method was used and heavy elements migration content were determined by ICP-OES analysis.

	<u>Result</u>		<u>LOD</u>	<u>LOQ</u>	<u>Limit mg/kg</u>
	<u>mg/kg</u>		<u>mg/kg</u>	<u>mg/kg</u>	
	(11)	(12)	(13)	(14)	
Sol. Barium (Ba)	52	<5	ND	ND	1000
Sol. Lead (Pb)	ND	ND	ND	ND	90
Sol. Cadmium (Cd)	ND	ND	ND	ND	75
Sol. Antimony (Sb)	ND	ND	ND	ND	60
Sol. Selenium (Se)	ND	ND	ND	ND	500
Sol. Chromium (Cr)	ND	ND	ND	ND	60
Sol. Mercury (Hg)	ND	ND	ND	ND	60
Sol. Arsenic (As)	ND	ND	ND	ND	25

Remark: Sol. = Soluble  
mg/kg = Milligram per kilogram based on weight of sample; = ppm = Parts per million  
LOD = Limit of Detection  
ND = Not detected (Less than LOD)

LOQ = Limit of Quantitation  
< = Less than

### Tested components:

(11) =	CREAM ELASTIC	Refer	BKKH17003195
(12) =	PLYWOOD	Refer	BKKH17008452
(13) =	BLACK PLASTIC (ABS)	Refer	BKKH18001628
(14) =	GRAY RUBBER RING (EPDM)	Refer	BKKH18001629

Note: The results of soluble toxic elements were adjusted by subtracting the analytical correction factor.

\*\*\*\*\*

## TEST REPORT

The report shall not be reproduced without written approval from Intertek

The results relate only to the item tested.

Number: BKKH18000290

Test conducted:

### Total Lead (Pb) Content

As per clause 4.3.5.1(1) of the ASTM Standard Consumer Safety Specification on Toy Safety F963-16, test method CPSC-CH-E1003-09.1:2011 was used and total Lead content was determined by ICP-OES analysis.

### (I) Surface coating

<u>Tested Component</u>	<u>Result</u> <u>mg/kg</u>	<u>LOD</u> <u>(mg/kg)</u>	<u>LOQ</u> <u>(mg/kg)</u>	<u>Limit</u> <u>(mg/kg)</u>
(1)	ND	2	13	90
(2)	ND	2	13	90
(3)	ND	2	13	90
(4)	ND	2	13	90
(5)	ND	2	13	90
(6)	ND	2	13	90
(7)	ND	2	13	90
(8)	ND	2	13	90
(9)	ND	2	13	90
(10)	ND	2	13	90

Remark: mg/kg = Milligram per kilogram based on weight of sample; = ppm = Parts per million  
LOD = Limit of Detection LOQ = Limit of Quantitation  
ND = Not detected (Less than LOD)

### Tested components:

(1) =	BROWN COATING ON WOOD	Refer	BKKH17008463
(2) =	YELLOW COATING ON WOOD (8950)	Refer	BKKH17008950
(3) =	LACQUER COATING ON WOOD	Refer	BKKH17008950
(4) =	BLUE COATING ON WOOD	Refer	BKKH17008950
(5) =	RED COATING ON WOOD	Refer	BKKH17008954
(6) =	YELLOW COATING ON WOOD	Refer	BKKH17014798
(7) =	LIGHT GREEN COATING ON WOOD	Refer	BKKH17014798
(8) =	GRAY COATING ON WOOD	Refer	BKKH17014798
(9) =	BLACK COATING ON WOOD	Refer	BKKH17014798
(10) =	GRAY COATING ON WOOD (14794)	Refer	BKKH17014794

\*\*\*\*\*

## TEST REPORT

The report shall not be reproduced without written approval from Intertek

The results relate only to the item tested.

Number: BKKH18000290

Test conducted:

### Total Lead (Pb) Content

As per clause 4.3.5.2(2)(a) of the ASTM Standard Consumer Safety Specification on Toy Safety F963-16, test method CPSC-CH-E1001-08.3:2012, CPSC-CH-E1002-08.3:2012 were used and total Lead content was determined by ICP-OES analysis.

(II) Non-surface coating

<u>Tested Component</u>	<u>Result</u> <u>mg/kg</u>	<u>LOD</u> <u>(mg/kg)</u>	<u>LOQ</u> <u>(mg/kg)</u>	<u>Limit</u> <u>(mg/kg)</u>
(11)	ND	1	13	100
(12)	<13	1	13	100
(13)	ND	1	13	100
(14)	ND	1	13	100
(15)	ND	2	13	100

Remark: mg/kg = Milligram per kilogram based on weight of sample; = ppm = Parts per million  
 LOD = Limit of Detection LOQ = Limit of Quantitation  
 ND = Not detected (Less than LOD) < = Less than

Tested components:

(11) =	CREAM ELASTIC	Refer	BKKH17003195
(12) =	PLYWOOD	Refer	BKKH17008452
(13) =	BLACK PLASTIC (ABS)	Refer	BKKH18001628
(14) =	GRAY RUBBER RING (EPDM)	Refer	BKKH18001629
(15) =	SCREW	Refer	BKKH18001629

\*\*\*\*\*

## TEST REPORT

The report shall not be reproduced without written approval from Intertek

The results relate only to the item tested.

Number: BKKH18000290

Test conducted:

4 Total Lead (Pb) content<sup>▲</sup>

As per U.S. Code of Federal Regulations title 16 Part 1303. Acid digestion method was used and total Lead content was determined by Inductively Couple Plasma Optical Emission Spectrometry.

Tested component	Result %	LOD %	LOQ %	Limit %
(1)	ND	0.0002	0.0013	0.0090
(2)	ND	0.0002	0.0013	0.0090
(3)	ND	0.0002	0.0013	0.0090
(4)	ND	0.0002	0.0013	0.0090
(5)	ND	0.0002	0.0013	0.0090
(6)	ND	0.0002	0.0013	0.0090
(7)	ND	0.0002	0.0013	0.0090
(8)	ND	0.0002	0.0013	0.0090
(9)	ND	0.0002	0.0013	0.0090
(10)	ND	0.0002	0.0013	0.0090

Remark: % = percentage  
LOD = Limit of Detection  
LOQ = Limit of Quantitation  
ND = Not detected (Less than LOD)  
▲ = Tested items are not included in the TISI Accreditation

Tested components:

(1) =	BROWN COATING ON WOOD	Refer	BKKH17008463
(2) =	YELLOW COATING ON WOOD (8950)	Refer	BKKH17008950
(3) =	LACQUER COATING ON WOOD	Refer	BKKH17008950
(4) =	BLUE COATING ON WOOD	Refer	BKKH17008950
(5) =	RED COATING ON WOOD	Refer	BKKH17008954
(6) =	YELLOW COATING ON WOOD	Refer	BKKH17014798
(7) =	LIGHT GREEN COATING ON WOOD	Refer	BKKH17014798
(8) =	GRAY COATING ON WOOD	Refer	BKKH17014798
(9) =	BLACK COATING ON WOOD	Refer	BKKH17014798
(10) =	GRAY COATING ON WOOD (14794)	Refer	BKKH17014794

\*\*\*\*\*

## TEST REPORT

The report shall not be reproduced without written approval from Intertek

The results relate only to the item tested.

Number: BKKH18000290

Test conducted:

5 Total lead (Pb) content in surface coating

As per U.S. Consumer Product Safety Improvement Act of 2008 (H.R. 4040), Title I, Section 101 for children's products containing Lead, CPSC-CH-E1003-09.1:2011 method was used and total Lead content was determined by Inductively Couple Plasma Optical Emission Spectrometry.

<u>Tested component</u>	<u>Result</u> <u>mg/kg</u>	<u>LOD</u> <u>mg/kg</u>	<u>LOQ</u> <u>mg/kg</u>	<u>Limit mg/kg</u>
(1)	ND	2	13	90
(2)	ND	2	13	90
(3)	ND	2	13	90
(4)	ND	2	13	90
(5)	ND	2	13	90
(6)	ND	2	13	90
(7)	ND	2	13	90
(8)	ND	2	13	90
(9)	ND	2	13	90
(10)	ND	2	13	90

Remark: mg/kg = Milligram per kilogram based on weight of sample; = ppm = Parts per million  
 LOD = Limit of Detection LOQ = Limit of Quantitation  
 ND = Not detected (Less than LOD)

Tested components:

(1) =	BROWN COATING ON WOOD	Refer	BKKH17008463
(2) =	YELLOW COATING ON WOOD (8950)	Refer	BKKH17008950
(3) =	LACQUER COATING ON WOOD	Refer	BKKH17008950
(4) =	BLUE COATING ON WOOD	Refer	BKKH17008950
(5) =	RED COATING ON WOOD	Refer	BKKH17008954
(6) =	YELLOW COATING ON WOOD	Refer	BKKH17014798
(7) =	LIGHT GREEN COATING ON WOOD	Refer	BKKH17014798
(8) =	GRAY COATING ON WOOD	Refer	BKKH17014798
(9) =	BLACK COATING ON WOOD	Refer	BKKH17014798
(10) =	GRAY COATING ON WOOD (14794)	Refer	BKKH17014794

\*\*\*\*\*



## TEST REPORT

The report shall not be reproduced without written approval from Intertek

The results relate only to the item tested.

Number: BKKH18000290

Test conducted:

6 Total Lead (Pb) Content in Substrate Material- Children's Metal Product

As per U.S. Consumer Product Safety Improvement Act of 2008 (H.R. 4040), Title I, Section 101 for children's products containing Lead, CPSC-CH-E1001-08.3:2012 method was used and total Lead content was determined by Inductively Couple Plasma Optical Emission Spectrometry.

<u>Tested component</u>	<u>Result</u>	<u>LOD</u>	<u>LOQ</u>	<u>Limit mg/kg</u>
	<u>mg/kg</u>	<u>mg/kg</u>	<u>mg/kg</u>	
(1)	ND	2	13	100

Remark: mg/kg = Milligram per kilogram based on weight of sample; = ppm = Parts per million  
LOD = Limit of Detection LOQ = Limit of Quantitation  
ND = Not detected (Less than LOD)

Tested components:

(1) = SCREW

Refer BKKH17014683

Total lead (Pb) content in substrate material- non-metal children's product<sup>▲</sup>

As per U.S. Consumer product safety improvement Act of 2008 (H.R. 4040), Title I, Section 101 for children's products containing lead, CPSC-CH-E1002-08.3:2012 method was used and total lead content was determined by Inductively Couple Plasma Optical Emission Spectrometry.

<u>Tested component</u>	<u>Result</u>	<u>LOD</u>	<u>LOQ</u>	<u>Limit mg/kg</u>
	<u>mg/kg</u>	<u>mg/kg</u>	<u>mg/kg</u>	
(2)	ND	1	13	100
(3)	<13	1	13	100
(4)	ND	1	13	100
(5)	ND	1	13	100

Remark: mg/kg = Milligram per kilogram based on weight of sample; = ppm = Parts per million  
LOD = Limit of Detection LOQ = Limit of Quantitation  
ND = Not detected (Less than LOD) < = Less than  
<sup>▲</sup> = Tested items are not included in the TISI Accreditation

Tested components:

(2) = CREAM ELASTIC

Refer BKKH17003195

(3) = PLYWOOD

Refer BKKH17008452

(4) = BLACK PLASTIC (ABS)

Refer BKKH18001628

(5) = GRAY RUBBER RING (EPDM)

Refer BKKH18001629

\*\*\*\*\*

## TEST REPORT

The report shall not be reproduced without written approval from Intertek

The results relate only to the item tested.

Number: BKKH18000290

Test conducted:

### 7 Phthalate content

As per CPSC-CH-C1001-09.3:2010 and U.S. Consumer Product Safety Improvement Act 2008 (H.R. 4040), Title I, Section 108 requirement on Phthalates, solvent extraction method was used and Phthalate content was determined by Gas Chromatographic-Mass Spectrometric (GC-MS) analysis.

	<u>Result</u> (%, w/w)					<u>LOD</u> (%, w/w)	<u>LOQ</u> (%, w/w)	<u>Limit</u> (%, w/w)	<u>NPR</u> (%, w/w)
	(1)	(2)	(3)	(4)	(5)				
Dibutyl Phthalate (DBP)	ND	ND	ND	ND	ND	0.0015	0.0030	0.1	0.1
Di(2-ethylhexyl) phthalate (DEHP)	ND	ND	ND	ND	ND	0.0015	0.0030	0.1	0.1
Benzyl butyl Phthalate (BBP)	ND	ND	ND	ND	ND	0.0015	0.0030	0.1	0.1
Di-iso-nonyl Phthalate (DINP)	ND	ND	ND	ND	ND	0.0015	0.0090	0.1	0.1
Di-n-octyl Phthalate (DNOP)	ND	ND	ND	ND	ND	0.0015	0.0030	0.1	--
Di-iso-decyl Phthalate (DIDP)	ND	ND	ND	ND	ND	0.0015	0.0090	0.1	--
Di-isobutyl phthalate (DIBP) <sup>▲</sup>	ND	ND	ND	ND	ND	0.0015	0.0090	--	0.1
Di-n-pentyl phthalate (DPENP) <sup>▲</sup>	ND	ND	ND	ND	ND	0.0015	0.0090	--	0.1
Di-n-hexyl phthalate (DHEXP) <sup>▲</sup>	ND	ND	ND	ND	ND	0.0015	0.0090	--	0.1
Di-cyclohexyl phthalate (DCHP) <sup>▲</sup>	ND	ND	ND	ND	ND	0.0015	0.0090	--	0.1
Diisooctyl phthalate (DIOP) <sup>▲</sup>	ND	ND	ND	ND	ND	0.0015	0.0090	--	--

Remark : The above limit was quoted according to US Consumer Product Safety Improvement Act 2008 for prohibition on sale of certain products containing specified phthalates.

The Phthalate no.7-11 are not included in US Consumer Product Safety Improvement Act 2008 and was conducted as per applicant requested only.

NPR = Notice of proposed rulemaking

%, w/w = Percentage weight by weight

LOD = Limit of Detection

LOQ = Limit of Quantitation

ND = Not detected (Less than LOD)

▲ = Tested items are not included in the TISI Accreditation

Tested components:

(1) =	CREAM ELASTIC	Refer	BKKH17003195
(2) =	PLYWOOD	Refer	BKKH17008452
(3) =	BROWN COATING ON WOOD	Refer	BKKH17008463
(4) =	YELLOW COATING ON WOOD (8950)	Refer	BKKH17008950
(5) =	LACQUER COATING ON WOOD	Refer	BKKH17008950

\*\*\*\*\*

## TEST REPORT

The report shall not be reproduced without written approval from Intertek

The results relate only to the item tested.

Number: BKKH18000290

Test conducted:

### Phthalate content

As per CPSC-CH-C1001-09.3:2010 and U.S. Consumer Product Safety Improvement Act 2008 (H.R. 4040), Title I, Section 108 requirement on Phthalates, solvent extraction method was used and Phthalate content was determined by Gas Chromatographic-Mass Spectrometric (GC-MS) analysis.

	<u>Result</u> (%, w/w)					<u>LOD</u> (%, w/w)	<u>LOQ</u> (%, w/w)	<u>Limit</u> (%, w/w)	<u>NPR</u> (%, w/w)
	(6)	(7)	(8)	(9)	(10)				
Dibutyl Phthalate (DBP)	ND	ND	ND	ND	ND	0.0015	0.0030	0.1	0.1
Di(2-ethylhexyl) phthalate (DEHP)	ND	ND	ND	ND	ND	0.0015	0.0030	0.1	0.1
Benzyl butyl Phthalate (BBP)	ND	ND	ND	ND	ND	0.0015	0.0030	0.1	0.1
Di-iso-nonyl Phthalate (DINP)	ND	ND	ND	ND	ND	0.0015	0.0090	0.1	0.1
Di-n-octyl Phthalate (DNOP)	ND	ND	ND	ND	ND	0.0015	0.0030	0.1	--
Di-iso-decyl Phthalate (DIDP)	ND	ND	ND	ND	ND	0.0015	0.0090	0.1	--
Di-isobutyl phthalate (DIBP) <sup>▲</sup>	ND	ND	ND	ND	ND	0.0015	0.0090	--	0.1
Di-n-pentyl phthalate (DPENP) <sup>▲</sup>	ND	ND	ND	ND	ND	0.0015	0.0090	--	0.1
Di-n-hexyl phthalate (DHEXP) <sup>▲</sup>	ND	ND	ND	ND	ND	0.0015	0.0090	--	0.1
Di-cyclohexyl phthalate (DCHP) <sup>▲</sup>	ND	ND	ND	ND	ND	0.0015	0.0090	--	0.1
Diisooctyl phthalate (DIOP) <sup>▲</sup>	ND	ND	ND	ND	ND	0.0015	0.0090	--	--

Remark : The above limit was quoted according to US Consumer Product Safety Improvement Act 2008 for prohibition on sale of certain products containing specified phthalates.

The Phthalate no.7-11 are not included in US Consumer Product Safety Improvement Act 2008 and was conducted as per applicant requested only.

NPR = Notice of proposed rulemaking

%, w/w = Percentage weight by weight

LOD = Limit of Detection

LOQ = Limit of Quantitation

ND = Not detected (Less than LOD)

▲ = Tested items are not included in the TISI Accreditation

### Tested components:

(6) =	BLUE COATING ON WOOD	Refer	BKKH17008950
(7) =	RED COATING ON WOOD	Refer	BKKH17008954
(8) =	YELLOW COATING ON WOOD	Refer	BKKH17014798
(9) =	LIGHT GREEN COATING ON WOOD	Refer	BKKH17014798
(10) =	GRAY COATING ON WOOD	Refer	BKKH17014798

\*\*\*\*\*

## TEST REPORT

The report shall not be reproduced without written approval from Intertek

The results relate only to the item tested.

Number: BKKH18000290

Test conducted:

### Phthalate content

As per CPSC-CH-C1001-09.3:2010 and U.S. Consumer Product Safety Improvement Act 2008 (H.R. 4040), Title I, Section 108 requirement on Phthalates, solvent extraction method was used and Phthalate content was determined by Gas Chromatographic-Mass Spectrometric (GC-MS) analysis.

	<u>Result</u> (%, w/w)			<u>LOD</u> (%, w/w)	<u>LOQ</u> (%, w/w)	<u>Limit</u> (%, w/w)	<u>NPR</u> (%, w/w)
	(11)	(12)	(13)				
Dibutyl Phthalate (DBP)	ND	ND	ND	0.0015	0.0030	0.1	0.1
Di(2-ethylhexyl) phthalate (DEHP)	ND	ND	ND	0.0015	0.0030	0.1	0.1
Benzyl butyl Phthalate (BBP)	ND	ND	ND	0.0015	0.0030	0.1	0.1
Di-iso-nonyl Phthalate (DINP)	ND	ND	ND	0.0015	0.0090	0.1	0.1
Di-n-octyl Phthalate (DNOP)	ND	ND	ND	0.0015	0.0030	0.1	--
Di-iso-decyl Phthalate (DIDP)	ND	ND	ND	0.0015	0.0090	0.1	--
Di-isobutyl phthalate (DIBP) <sup>▲</sup>	ND	ND	ND	0.0015	0.0090	--	0.1
Di-n-pentyl phthalate (DPENP) <sup>▲</sup>	ND	ND	ND	0.0015	0.0090	--	0.1
Di-n-hexyl phthalate (DHEXP) <sup>▲</sup>	ND	ND	ND	0.0015	0.0090	--	0.1
Di-cyclohexyl phthalate (DCHP) <sup>▲</sup>	ND	ND	ND	0.0015	0.0090	--	0.1
Diisooctyl phthalate (DIOP) <sup>▲</sup>	ND	ND	ND	0.0015	0.0090	--	--

Remark : The above limit was quoted according to US Consumer Product Safety Improvement Act 2008 for prohibition on sale of certain products containing specified phthalates.

The Phthalate no.7-11 are not included in US Consumer Product Safety Improvement Act 2008 and was conducted as per applicant requested only.

NPR = Notice of proposed rulemaking

%, w/w = Percentage weight by weight

LOD = Limit of Detection

LOQ = Limit of Quantitation

ND = Not detected (Less than LOD)

▲ = Tested items are not included in the TISI Accreditation

Tested components:

(11) =	BLACK COATING ON WOOD	Refer	BKKH17014798
(12) =	GRAY COATING ON WOOD (14794)	Refer	BKKH17014794
(13) =	GRAY RUBBER RING (EPDM)	Refer	BKKH18001629

\*\*\*\*\*

## TEST REPORT

The report shall not be reproduced without written approval from Intertek

The results relate only to the item tested.

Number: BKKH18000290

Test conducted:

### 8 Phthalate content test<sup>▲</sup>

By solvent extraction and Gas Chromatographic-Mass Spectrometric (GC-MS) analysis.

	<u>Result</u>					<u>LOD</u>	<u>LOQ</u>	<u>Limit</u>
	<u>(%, w/w)</u>					<u>(%, w/w)</u>	<u>(%, w/w)</u>	<u>(%, w/w)</u>
	(1)	(2)	(3)	(4)	(5)			
Dibutyl Phthalate (DBP)	ND	ND	ND	ND	ND	0.0015	0.0030	0.1
Di(2-ethylhexyl) phthalate (DEHP)	ND	ND	ND	ND	ND	0.0015	0.0030	0.1
Benzyl butyl Phthalate (BBP)	ND	ND	ND	ND	ND	0.0015	0.0030	0.1
Di-iso-nonyl Phthalate (DINP)	ND	ND	ND	ND	ND	0.0015	0.0090	0.1
Dioctyl Phthalate (DNOP)	ND	ND	ND	ND	ND	0.0015	0.0030	0.1
Di-iso-decyl Phthalate (DIDP)	ND	ND	ND	ND	ND	0.0015	0.0090	0.1
Di-n-hexyl Phthalate (DnHP)	ND	ND	ND	ND	ND	0.0015	0.0030	0.1

Remark : % , w/w = Percentage weight by weight

LOD = Limit of Detection

LOQ = Limit of Quantitation

ND = Not detected (Less than LOD)

▲ = Tested items are not included in the TISI Accreditation

Note : The above limit was quoted according to the California Proposition 65

Tested components:

(1) =	CREAM ELASTIC	Refer	BKKH17003195
(2) =	PLYWOOD	Refer	BKKH17008452
(3) =	BROWN COATING ON WOOD	Refer	BKKH17008463
(4) =	YELLOW COATING ON WOOD (8950)	Refer	BKKH17008950
(5) =	LACQUER COATING ON WOOD	Refer	BKKH17008950

\*\*\*\*\*

## TEST REPORT

The report shall not be reproduced without written approval from Intertek

The results relate only to the item tested.

Number: BKKH18000290

Test conducted:

### Phthalate content test<sup>▲</sup>

By solvent extraction and Gas Chromatographic-Mass Spectrometric (GC-MS) analysis.

	<u>Result</u>					<u>LOD</u>	<u>LOQ</u>	<u>Limit</u>
	<u>(%, w/w)</u>					<u>(%, w/w)</u>	<u>(%, w/w)</u>	<u>(%, w/w)</u>
	(6)	(7)	(8)	(9)	(10)			
Dibutyl Phthalate (DBP)	ND	ND	ND	ND	ND	0.0015	0.0030	0.1
Di(2-ethylhexyl) phthalate (DEHP)	ND	ND	ND	ND	ND	0.0015	0.0030	0.1
Benzyl butyl Phthalate (BBP)	ND	ND	ND	ND	ND	0.0015	0.0030	0.1
Di-iso-nonyl Phthalate (DINP)	ND	ND	ND	ND	ND	0.0015	0.0090	0.1
Dioctyl Phthalate (DNOP)	ND	ND	ND	ND	ND	0.0015	0.0030	0.1
Di-iso-decyl Phthalate (DIDP)	ND	ND	ND	ND	ND	0.0015	0.0090	0.1
Di-n-hexyl Phthalate (DnHP)	ND	ND	ND	ND	ND	0.0015	0.0030	0.1

Remark : % , w/w = Percentage weight by weight

LOD = Limit of Detection

LOQ = Limit of Quantitation

ND = Not detected (Less than LOD)

<sup>▲</sup> = Tested items are not included in the TISI Accreditation

Note : The above limit was quoted according to the California Proposition 65

### Tested components:

(6) =	BLUE COATING ON WOOD	Refer	BKKH17008950
(7) =	RED COATING ON WOOD	Refer	BKKH17008954
(8) =	YELLOW COATING ON WOOD	Refer	BKKH17014798
(9) =	LIGHT GREEN COATING ON WOOD	Refer	BKKH17014798
(10) =	GRAY COATING ON WOOD	Refer	BKKH17014798

\*\*\*\*\*

## TEST REPORT

The report shall not be reproduced without written approval from Intertek  
The results relate only to the item tested.

Number: BKKH18000290

Test conducted:

### Phthalate content test<sup>▲</sup>

By solvent extraction and Gas Chromatographic-Mass Spectrometric (GC-MS) analysis.

	<u>Result</u> (%, w/w)			<u>LOD</u> (%, w/w)	<u>LOQ</u> (%, w/w)	<u>Limit</u> (%, w/w)
	(11)	(12)	(13)			
Dibutyl Phthalate (DBP)	ND	ND	ND	0.0015	0.0030	0.1
Di(2-ethylhexyl) phthalate (DEHP)	ND	ND	ND	0.0015	0.0030	0.1
Benzyl butyl Phthalate (BBP)	ND	ND	ND	0.0015	0.0030	0.1
Di-iso-nonyl Phthalate (DINP)	ND	ND	ND	0.0015	0.0090	0.1
Di-octyl Phthalate (DNOP)	ND	ND	ND	0.0015	0.0030	0.1
Di-iso-decyl Phthalate (DIDP)	ND	ND	ND	0.0015	0.0090	0.1
Di-n-hexyl Phthalate (DnHP)	ND	ND	ND	0.0015	0.0030	0.1

Remark :     %, w/w = Percentage weight by weight

                  LOD = Limit of Detection

                  LOQ = Limit of Quantitation

                  ND = Not detected (Less than LOD)

                  ▲ = Tested items are not included in the TISI Accreditation

Note :     The above limit was quoted according to the California Proposition 65

Tested components:

(11) =	BLACK COATING ON WOOD	Refer	BKKH17014798
(12) =	GRAY COATING ON WOOD (14794)	Refer	BKKH17014794
(13) =	GRAY RUBBER RING (EPDM)	Refer	BKKH18001629

\*\*\*\*\*

## TEST REPORT

The report shall not be reproduced without written approval from Intertek

The results relate only to the item tested.

Number: BKKH18000290

Test conducted:

### 9 Total Lead (Pb) Content<sup>▲</sup>

As per Illinois Lead poisoning prevention act 410 ILCS 45 section 6 (public act 095-1019), acid digestion method was used and total Lead content was determined by Inductively Couple Plasma Optical Emission Spectrometry.

#### I Surface coating material

<u>Tested component</u>	<u>Result</u> <u>mg/kg</u>	<u>LOD</u> <u>mg/kg</u>	<u>LOQ</u> <u>mg/kg</u>	<u>Limit</u> <u>mg/kg</u>
(1)	ND	2	13	90
(2)	ND	2	13	90
(3)	ND	2	13	90
(4)	ND	2	13	90
(5)	ND	2	13	90
(6)	ND	2	13	90
(7)	ND	2	13	90
(8)	ND	2	13	90
(9)	ND	2	13	90
(10)	ND	2	13	90

Remark:

mg/kg = Milligram per kilogram based on weight of sample; = ppm = Parts per million

LOD = Limit of Detection

LOQ = Limit of Quantitation

ND = Not detected (Less than LOD)

<sup>▲</sup> = Tested items are not included in the TISI Accreditation

Requirement:

According to Illinois Lead poisoning prevention act 410 ILCS 45 section 6 (public act 095-019), appropriate warning statement is required when the Lead content of the submitted sample is more than 40 ppm but less than 90 ppm for surface coatings and less than 100 ppm for substrates by total weight or a lower standard for Lead content as may be established by federal or state law or regulation.

Tested components:

(1) =	BROWN COATING ON WOOD	Refer	BKKH17008463
(2) =	YELLOW COATING ON WOOD (8950)	Refer	BKKH17008950
(3) =	LACQUER COATING ON WOOD	Refer	BKKH17008950
(4) =	BLUE COATING ON WOOD	Refer	BKKH17008950
(5) =	RED COATING ON WOOD	Refer	BKKH17008954
(6) =	YELLOW COATING ON WOOD	Refer	BKKH17014798
(7) =	LIGHT GREEN COATING ON WOOD	Refer	BKKH17014798
(8) =	GRAY COATING ON WOOD	Refer	BKKH17014798
(9) =	BLACK COATING ON WOOD	Refer	BKKH17014798
(10) =	GRAY COATING ON WOOD (14794)	Refer	BKKH17014794

\*\*\*\*\*

## TEST REPORT

The report shall not be reproduced without written approval from Intertek

The results relate only to the item tested.

Number: BKKH18000290

Test conducted:

### II Non-surface coating material (substrate)

<u>Tested component</u>	<u>Result</u>	<u>LOD</u>	<u>LOQ</u>	<u>Limit</u>
	<u>mg/kg</u>	<u>mg/kg</u>	<u>mg/kg</u>	<u>mg/kg</u>
(11)	ND	1	13	100
(12)	<13	1	13	100
(13)	ND	1	13	100
(14)	ND	1	13	100

Remark: < = Less than  
mg/kg = Milligram per kilogram based on weight of sample; = ppm = Parts per million  
LOD = Limit of Detection  
LOQ = Limit of Quantitation  
ND = Not detected (Less than LOD)

Requirement: According to Illinois Lead poisoning prevention act 410 ILCS 45 section 6 (public act 095-019), appropriate warning statement is required when the Lead content of the submitted sample is more than 40 ppm but less than 90 ppm for surface coatings and less than 100 ppm for substrates by total weight or a lower standard for Lead content as may be established by federal or state law or regulation.

Tested components:

(11) =	CREAM ELASTIC	Refer	BKKH17003195
(12) =	PLYWOOD	Refer	BKKH17008452
(13) =	BLACK PLASTIC (ABS)	Refer	BKKH18001628
(14) =	GRAY RUBBER RING (EPDM)	Refer	BKKH18001629

Note: LOD and LOQ value in this test report were effective since October, 2014

\*\*\*\*\*END\*\*\*\*\*/KS/NK

*Except where explicitly agreed in writing, all work and services performed by Intertek is subject to our standard Terms and Conditions which can be obtained at our website: <http://www.intertek.com/terms/>. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. This report is made solely on the basis of your instructions and / or information and materials supplied by you and provide no warranty on the tested sample(s) be truly representative of the sample source. The report is not intended to be a recommendation for any particular course of action, you are responsible for acting as you see fit on the basis of the report results. Intertek is under no obligation to refer to or report upon any facts or circumstances which are outside the specific instructions received and accepts no responsibility to any parties whatsoever, following the issue of the report, for any matters arising outside the agreed scope of the works. This report does not discharge or release you from your legal obligations and duties to any other person. You are the only one authorized to permit copying or distribution of this report (and then only in its entirety). Any such third parties to whom this report may be circulated rely on the content of the report solely at their own risk. This report shall not be reproduced, except in full.*