



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



Number: BKKH17002815

TEST REPORT

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

Date: May 22, 2017

Sample description:

Quantity of sample:	One (1) set
Sample description:	Wooden toy
Date sample received:	March 01, 2017
Date information received:	May 18, 2017

Client Information:

One (1) set of submitted sample said to be HOME

Item Name: HOME
Item Number: 6617



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
Laboratory Manager
Hardlines Department

Intertek Testing Services (Thailand) Ltd.

1285/5 Prachachuen Road, Wong-Sawang, Bangsue, Bangkok 10800 Thailand

Tel.: (662) 837-2999 Fax: (662) 837-2936

E-mail Address: tfh.thailand@intertek.com

Attention is drawn to the Terms and Conditions printed overleaf.



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



Number: BKKH17002815

TEST REPORT

Conclusion:

Tested samples
Submitted sample

<u>Standard</u>	<u>Result</u>
U.S. ASTM F963-16 for Physical and mechanical tests	Pass
U.S. ASTM F963-16 for Flammability test of materials other than textile materials	Pass
U.S. ASTM F963-11 and F963-16 for Heavy elements Test	Pass
<u>Standard - U.S. CFR title 16</u> (CPSC regulations) Part 1303 total Lead content	Pass
<u>Standard</u> 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.

Intertek Testing Services (Thailand) Ltd.

1285/5 Prachachuen Road, Wong-Sawang, Bangsue, Bangkok 10800 Thailand

Tel.: (662) 837-2999 Fax: (662) 837-2936

E-mail Address: tth.thailand@intertek.com

Attention is drawn to the Terms and Conditions printed overleaf.



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



Number: BKKH17002815

TEST REPORT

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 F963-11: Heavy metal</u>		
BLUE COATING ON WOOD	BKKH16008147	Jun 09,2016
LACQUER COATING ON WOOD	BKKH16008147	Jun 09,2016
BLACK COATING ON WOOD	BKKH16008148	Jun 09,2016
WHITE COATING ON WOOD	BKKH16008148	Jun 09,2016
BLUE COATING ON WOOD (8768)	BKKH16008768	Jun 21,2016
YELLOW COATING ON WOOD	BKKH16008768	Jun 21,2016
PINK COATING ON WOOD	BKKH16008768	Jun 21,2016
LIGHT GREEN COATING ON WOOD	BKKH16015744	Nov 07,2016
Gray coating on wood	BKKH16015641	Nov 07,2016
Brown coating on wood	BKKH16017601	Dec 21,2016
Plywood	BKKH16007214	May 23,2016
White Sawdust 5%	BKKH16007214	May 23,2016
WHITE JOINT PLASTIC	BKKH16014216	Oct 07,2016
BLUE SAWDUST (299C)	BKKH16017877	Dec 29,2016
Solid Wood	BKKH17000142	Jan 10,2017
<u>ASTM F963-16: Heavy metal</u>		
YELLOW COATING ON SAWDUST	BKKH17003954	Apr 03,2017
DARK BROWN COATING ON WOOD	BKKH17003954	Apr 03,2017
WHITE COATING ON SAWDUST	BKKH17003953	Apr 03,2017
GREEN COATING ON SAWDUST	BKKH17003953	Apr 03,2017
Yellow coating on wood (3529)	BKKH17003529	Mar 22,2017
GREEN COATING ON SAWDUST (5493)	BKKH17005493	May 17, 2017
DARK GRAY COATING ON SAWDUST	BKKH17005493	May 17, 2017
LIGHT BLUE COATING ON SAWDUST	BKKH17005493	May 17, 2017
<u>Lead in surface coating</u>		
BLUE COATING ON WOOD	BKKH16008147	Jun 09,2016
LACQUER COATING ON WOOD	BKKH16008147	Jun 09,2016
BLACK COATING ON WOOD	BKKH16008148	Jun 09,2016
WHITE COATING ON WOOD	BKKH16008148	Jun 09,2016
BLUE COATING ON WOOD (8768)	BKKH16008768	Jun 21,2016
YELLOW COATING ON WOOD	BKKH16008768	Jun 21,2016
PINK COATING ON WOOD	BKKH16008768	Jun 21,2016
LIGHT GREEN COATING ON WOOD	BKKH16015744	Nov 07,2016
Gray coating on wood	BKKH16015641	Nov 07,2016
Brown coating on wood	BKKH16017601	Dec 21,2016
YELLOW COATING ON SAWDUST	BKKH17003954	Apr 03,2017
DARK BROWN COATING ON WOOD	BKKH17003954	Apr 03,2017
WHITE COATING ON SAWDUST	BKKH17003953	Apr 03,2017
GREEN COATING ON SAWDUST	BKKH17003953	Apr 03,2017
Yellow coating on wood (3529)	BKKH17003529	Mar 22,2017
GREEN COATING ON SAWDUST (5493)	BKKH17005493	May 17, 2017
DARK GRAY COATING ON SAWDUST	BKKH17005493	May 17, 2017
LIGHT BLUE COATING ON SAWDUST	BKKH17005493	May 17, 2017

Intertek Testing Services (Thailand) Ltd.

1285/5 Prachachuen Road, Wong-Sawang, Bangsue, Bangkok 10800 Thailand

Tel.: (662) 837-2999 Fax: (662) 837-2936

E-mail Address: tfh.thailand@intertek.com

Attention is drawn to the Terms and Conditions printed overleaf.



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



Number: BKKH17002815

TEST REPORT

<u>Components</u>	<u>Report No.</u>	<u>Date</u>
<u>Lead in substrate</u>		
Plywood	BKKH16007214	May 23,2016
White Sawdust 5%	BKKH16007214	May 23,2016
WHITE JOINT PLASTIC	BKKH16014216	Oct 07,2016
BLUE SAWDUST (299C)	BKKH16017877	Dec 29,2016
Solid Wood	BKKH17000142	Jan 10,2017
<u>Phthalate content</u>		
Plywood	BKKH16007214	May 23, 2016
White Sawdust 5%	BKKH16007214	May 23, 2016
BLUE COATING ON WOOD	BKKH16008147	Jun 09, 2016
LACQUER COATING ON WOOD	BKKH16008147	Jun 09, 2016
BLACK COATING ON WOOD	BKKH16008148	Jun 09, 2016
WHITE COATING ON WOOD	BKKH16008148	Jun 09, 2016
BLUE COATING ON WOOD (8768)	BKKH16008768	Jun 21, 2016
YELLOW COATING ON WOOD	BKKH16008768	Jun 21, 2016
PINK COATING ON WOOD	BKKH16008768	Jun 21, 2016
WHITE JOINT PLASTIC	BKKH16014216	Oct 07, 2016
LIGHT GREEN COATING ON WOOD	BKKH16015744	Nov 07, 2016
Gray coating on wood	BKKH16015641	Nov 07, 2016
Brown coating on wood	BKKH16017601	Dec 21, 2016
BLUE SAWDUST (299C)	BKKH16017877	Dec 29, 2016
YELLOW COATING ON SAWDUST	BKKH17003954	Apr 03, 2017
DARK BROWN COATING ON WOOD	BKKH17003954	Apr 03, 2017
WHITE COATING ON SAWDUST	BKKH17003953	Apr 03, 2017
GREEN COATING ON SAWDUST	BKKH17003953	Apr 03, 2017
Yellow coating on wood (3529)	BKKH17003529	Mar 22, 2017
GREEN COATING ON SAWDUST (5493)	BKKH17005493	May 17, 2017
DARK GRAY COATING ON SAWDUST	BKKH17005493	May 17, 2017
LIGHT BLUE COATING ON SAWDUST	BKKH17005493	May 17, 2017

Intertek Testing Services (Thailand) Ltd.

1285/5 Prachachuen Road, Wong-Sawang, Bangsue, Bangkok 10800 Thailand

Tel.: (662) 837-2999 Fax: (662) 837-2936

E-mail Address: tth.thailand@intertek.com

Attention is drawn to the Terms and Conditions printed overleaf.



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



Number: BKKH17002815

TEST REPORT

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 3 years.

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 : -

<u>Test</u>	<u>FHSA</u>	<u>Parameter</u>
Drop test	Section 1500.53(b)	4 x 3.0 ft
Torque test	Section 1500.53(e)	4 in-lbf
Tension test	Section 1500.53(f)	15 lbf

<u>Clause</u>	<u>Testing items</u>	<u>Assessment</u>
4.1	Material quality	P
4.5	Sound-producing toys	NA
4.6.1	Toys intended for children under 36 months (small objects)	NA
4.6.2	Mouth-actuated toys	NA
4.6.3	Toys and games for 36 months to 72 months (small part warning)	P
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	NA
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	NA
4.16	Confined spaces	NA
4.17	Wheels, tires and axles	NA
4.18	Holes, clearance, and accessibility of mechanisms	NA
4.19	Simulated protective devices	NA
4.20	Pacifiers	NA
4.21	Projectile toys	NA
4.22	Teethers and teething toys	NA

Intertek Testing Services (Thailand) Ltd.

1285/5 Prachachuen Road, Wong-Sawang, Bangsue, Bangkok 10800 Thailand

Tel.: (662) 837-2999 Fax: (662) 837-2936

E-mail Address: tfh.thailand@intertek.com

Attention is drawn to the Terms and Conditions printed overleaf.



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



Number: BKKH17002815

TEST REPORT

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	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	P
6	Instructional literature	P
7	Producer's markings - name of producer (package) - address (package)	Yes Yes

Remark : P = Pass NA = Not applicable

▲ = Tested items are not included in the TISI Accreditation

The submitted samples were undergone the tests in accordance with clause 8.5 through clause 8.17 and 8.19 through 8.26 on normal use, abuse and specific tests for different types of toys whichever is applicable.

Testing period : March 01, 2017 to March 07, 2017

2 Flammability Test[▲]

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

Results : Did not ignite

▲ = Tested items are not included in the TISI Accreditation

Testing period : March 01, 2017 to March 07, 2017

Intertek Testing Services (Thailand) Ltd.

1285/5 Prachachuen Road, Wong-Sawang, Bangsue, Bangkok 10800 Thailand

Tel.: (662) 837-2999 Fax: (662) 837-2936

E-mail Address: tth.thailand@intertek.com

Attention is drawn to the Terms and Conditions printed overleaf.



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



Number: BKKH17002815

TEST REPORT

Test conducted:

3 Heavy Elements Analysis

As per clause 4.3.5.1(2) of the ASTM Standard Consumer Safety Specification on Toy Safety F963-11, 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)	<4	ND	ND	ND	<4	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
< = 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)

Tested components:

(1) =	BLUE COATING ON WOOD	Refer	BKKH16008147
(2) =	LACQUER COATING ON WOOD	Refer	BKKH16008147
(3) =	BLACK COATING ON WOOD	Refer	BKKH16008148
(4) =	WHITE COATING ON WOOD	Refer	BKKH16008148
(5) =	BLUE COATING ON WOOD (8768)	Refer	BKKH16008768

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

Intertek Testing Services (Thailand) Ltd.

1285/5 Prachachuen Road, Wong-Sawang, Bangsue, Bangkok 10800 Thailand

Tel.: (662) 837-2999 Fax: (662) 837-2936

E-mail Address: tth.thailand@intertek.com

Attention is drawn to the Terms and Conditions printed overleaf.



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



Number: BKKH17002815

TEST REPORT

Test conducted:

Heavy Elements Analysis

As per clause 4.3.5.1(2) of the ASTM Standard Consumer Safety Specification on Toy Safety F963-11, acid extraction method was used and heavy elements migration content were determined by ICP-OES analysis.

	(6)	(7)	Result mg/kg (8)	(9)	(10)	LOD mg/kg	LOQ mg/kg	Limit mg/kg
Sol. Barium (Ba)	<4	<4	<4	177	304	1	5	1000
Sol. Lead (Pb)	ND	ND	ND	ND	ND	1	5	90
Sol. Cadmium (Cd)	<4	ND	<4	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
< = 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)

Tested components:

(6) =	YELLOW COATING ON WOOD	Refer	BKKH16008768
(7) =	PINK COATING ON WOOD	Refer	BKKH16008768
(8) =	LIGHT GREEN COATING ON WOOD	Refer	BKKH16015744
(9) =	Gray coating on wood	Refer	BKKH16015641
(10) =	Brown coating on wood	Refer	BKKH16017601

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

Intertek Testing Services (Thailand) Ltd.

1285/5 Prachachuen Road, Wong-Sawang, Bangsue, Bangkok 10800 Thailand

Tel.: (662) 837-2999 Fax: (662) 837-2936

E-mail Address: tfh.thailand@intertek.com

Attention is drawn to the Terms and Conditions printed overleaf.



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



Number: BKKH17002815

TEST REPORT

Test conducted:

Heavy Elements Analysis

As per clause 4.3.5.1(2) of the ASTM Standard Consumer Safety Specification on Toy Safety F963-11 and F963-16[▲], acid extraction method was used and heavy elements migration content were determined by ICP-OES analysis.

			Result			LOD	LOQ	Limit mg/kg
			mg/kg			mg/kg	mg/kg	
	(11)	(12)	(13)	(14)	(15)			
Sol. Barium (Ba)	7	180	10	6	248	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
< = 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)
▲ = Tested items are not included in the TISI Accreditation

Tested components:

(11) =	YELLOW COATING ON SAWDUST	Refer	BKKH17003954
(12) =	DARK BROWN COATING ON WOOD	Refer	BKKH17003954
(13) =	WHITE COATING ON SAWDUST	Refer	BKKH17003953
(14) =	GREEN COATING ON SAWDUST	Refer	BKKH17003953
(15) =	Yellow coating on wood (3529)	Refer	BKKH17003529

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

Intertek Testing Services (Thailand) Ltd.

1285/5 Prachachuen Road, Wong-Sawang, Bangsue, Bangkok 10800 Thailand

Tel.: (662) 837-2999 Fax: (662) 837-2936

E-mail Address: tfh.thailand@intertek.com

Attention is drawn to the Terms and Conditions printed overleaf.



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



Number: BKKH17002815

TEST REPORT

Test conducted:

Heavy Elements Analysis

As per clause 4.3.5.1(2) of the ASTM Standard Consumer Safety Specification on Toy Safety F963-11 and 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>
	(16)	(17)	(18)			
Sol. Barium (Ba)	ND	<5	ND	1	5	1000
Sol. Lead (Pb)	ND	ND	ND	1	5	90
Sol. Cadmium (Cd)	ND	ND	ND	1	5	75
Sol. Antimony (Sb)	ND	ND	ND	2	5	60
Sol. Selenium (Se)	ND	ND	ND	1	5	500
Sol. Chromium (Cr)	ND	ND	ND	2	5	60
Sol. Mercury (Hg)	ND	ND	ND	1	5	60
Sol. Arsenic (As)	ND	ND	ND	2	5	25

Remark: Sol. = Soluble
< = 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)
▲ = Tested items are not included in the TISI Accreditation

Tested components:

(16) =	GREEN COATING ON SAWDUST (5493)	Refer	BKKH17005493
(17) =	DARK GRAY COATING ON SAWDUST	Refer	BKKH17005493
(18) =	LIGHT BLUE COATING ON SAWDUST	Refer	BKKH17005493

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

Intertek Testing Services (Thailand) Ltd.

1285/5 Prachachuen Road, Wong-Sawang, Bangsue, Bangkok 10800 Thailand

Tel.: (662) 837-2999 Fax: (662) 837-2936

E-mail Address: tfh.thailand@intertek.com

Attention is drawn to the Terms and Conditions printed overleaf.



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



Number: BKKH17002815

TEST REPORT

Test conducted:

Heavy Elements Analysis

As per clause 4.3.5.2(2)(b) of the ASTM Standard Consumer Safety Specification on Toy Safety F963-11, acid extraction method was used and heavy elements migration content were determined by ICP-OES analysis.

	(19)	(20)	Result mg/kg (21)	(22)	(23)	LOD mg/kg	LOQ mg/kg	Limit mg/kg
Sol. Barium (Ba)	ND	ND	ND	7	ND	1	5	1000
Sol. Lead (Pb)	ND	ND	ND	<4	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
< = Less than
mg/kg = Milligram per kilogram = ppm = Parts per million
LOD = Limit of Detection
LOQ = Limit of Quantitation
ND = Not detected (Less than LOD)

Tested components:

(19) =	Plywood	Refer	BKKH16007214
(20) =	White Sawdust 5%	Refer	BKKH16007214
(21) =	WHITE JOINT PLASTIC	Refer	BKKH16014216
(22) =	BLUE SAWDUST (299C)	Refer	BKKH16017877
(23) =	Solid Wood	Refer	BKKH17000142

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

Intertek Testing Services (Thailand) Ltd.

1285/5 Prachachuen Road, Wong-Sawang, Bangsue, Bangkok 10800 Thailand

Tel.: (662) 837-2999 Fax: (662) 837-2936

E-mail Address: tth.thailand@intertek.com

Attention is drawn to the Terms and Conditions printed overleaf.



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



Number: BKKH17002815

TEST REPORT

Test conducted:

Total Lead (Pb) Content

As per clause 4.3.5.1(1) of the ASTM Standard Consumer Safety Specification on Toy Safety F963-11 and 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
(11)	ND	2	13	90
(12)	ND	2	13	90
(13)	ND	2	13	90
(14)	ND	2	13	90
(15)	<13	2	13	90

Remark:

▲ = Tested items are not included in the TISI Accreditation

< = 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)

Tested components:

(1) =	BLUE COATING ON WOOD	Refer	BKKH16008147
(2) =	LACQUER COATING ON WOOD	Refer	BKKH16008147
(3) =	BLACK COATING ON WOOD	Refer	BKKH16008148
(4) =	WHITE COATING ON WOOD	Refer	BKKH16008148
(5) =	BLUE COATING ON WOOD (8768)	Refer	BKKH16008768
(6) =	YELLOW COATING ON WOOD	Refer	BKKH16008768
(7) =	PINK COATING ON WOOD	Refer	BKKH16008768
(8) =	LIGHT GREEN COATING ON WOOD	Refer	BKKH16015744
(9) =	Gray coating on wood	Refer	BKKH16015641
(10) =	Brown coating on wood	Refer	BKKH16017601
(11) =	YELLOW COATING ON SAWDUST	Refer	BKKH17003954
(12) =	DARK BROWN COATING ON WOOD	Refer	BKKH17003954
(13) =	WHITE COATING ON SAWDUST	Refer	BKKH17003953
(14) =	GREEN COATING ON SAWDUST	Refer	BKKH17003953
(15) =	Yellow coating on wood (3529)	Refer	BKKH17003529

Intertek Testing Services (Thailand) Ltd.

1285/5 Prachachuen Road, Wong-Sawang, Bangsue, Bangkok 10800 Thailand

Tel.: (662) 837-2999 Fax: (662) 837-2936

E-mail Address: tfh.thailand@intertek.com

Attention is drawn to the Terms and Conditions printed overleaf.



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



Number: BKKH17002815

TEST REPORT

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

Tested Component	Result mg/kg	LOD (mg/kg)	LOQ (mg/kg)	Limit (mg/kg)
(16)	ND	2	13	90
(17)	ND	2	13	90
(18)	ND	2	13	90

Remark: ▲ = Tested items are not included in the TISI Accreditation
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:

(16) =	GREEN COATING ON SAWDUST (5493)	Refer	BKKH17005493
(17) =	DARK GRAY COATING ON SAWDUST	Refer	BKKH17005493
(18) =	LIGHT BLUE COATING ON SAWDUST	Refer	BKKH17005493

Total Lead (Pb) Content[▲]

As per clause 4.3.5.2(2)(a) of the ASTM Standard Consumer Safety Specification on Toy Safety F963-11, 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

Tested Component	Result mg/kg	LOD (mg/kg)	LOQ (mg/kg)	Limit (mg/kg)
(19)	ND	1	13	100
(20)	ND	1	13	100
(21)	ND	1	13	100
(22)	<13	1	13	100
(23)	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)
▲ = Tested items are not included in the TISI Accreditation

Tested components:

(19) =	Plywood	Refer	BKKH16007214
(20) =	White Sawdust 5%	Refer	BKKH16007214
(21) =	WHITE JOINT PLASTIC	Refer	BKKH16014216
(22) =	BLUE SAWDUST (299C)	Refer	BKKH16017877
(23) =	Solid Wood	Refer	BKKH17000142

Intertek Testing Services (Thailand) Ltd.

1285/5 Prachachuen Road, Wong-Sawang, Bangsue, Bangkok 10800 Thailand

Tel.: (662) 837-2999 Fax: (662) 837-2936

E-mail Address: tth.thailand@intertek.com

Attention is drawn to the Terms and Conditions printed overleaf.



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



Number: BKKH17002815

TEST REPORT

Test conducted:

4 Total Lead (Pb) content[▲]

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.

<u>Tested component</u>	<u>Result</u>	<u>LOD</u>	<u>LOQ</u>	<u>Limit</u>
	<u>%</u>	<u>%</u>	<u>%</u>	<u>%</u>
(1)	ND	0.0002	0.0013	0.009
(2)	ND	0.0002	0.0013	0.009
(3)	ND	0.0002	0.0013	0.009
(4)	ND	0.0002	0.0013	0.009
(5)	ND	0.0002	0.0013	0.009
(6)	ND	0.0002	0.0013	0.009
(7)	ND	0.0002	0.0013	0.009
(8)	ND	0.0002	0.0013	0.009
(9)	ND	0.0002	0.0013	0.009
(10)	ND	0.0002	0.0013	0.009
(11)	ND	0.0002	0.0013	0.009
(12)	ND	0.0002	0.0013	0.009
(13)	ND	0.0002	0.0013	0.009
(14)	ND	0.0002	0.0013	0.009
(15)	<0.0013	0.0002	0.0013	0.009

Remark: % = percentage
 < = Less than
 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) =	BLUE COATING ON WOOD	Refer	BKKH16008147
(2) =	LACQUER COATING ON WOOD	Refer	BKKH16008147
(3) =	BLACK COATING ON WOOD	Refer	BKKH16008148
(4) =	WHITE COATING ON WOOD	Refer	BKKH16008148
(5) =	BLUE COATING ON WOOD (8768)	Refer	BKKH16008768
(6) =	YELLOW COATING ON WOOD	Refer	BKKH16008768
(7) =	PINK COATING ON WOOD	Refer	BKKH16008768
(8) =	LIGHT GREEN COATING ON WOOD	Refer	BKKH16015744
(9) =	Gray coating on wood	Refer	BKKH16015641
(10) =	Brown coating on wood	Refer	BKKH16017601
(11) =	YELLOW COATING ON SAWDUST	Refer	BKKH17003954
(12) =	DARK BROWN COATING ON WOOD	Refer	BKKH17003954
(13) =	WHITE COATING ON SAWDUST	Refer	BKKH17003953
(14) =	GREEN COATING ON SAWDUST	Refer	BKKH17003953
(15) =	Yellow coating on wood (3529)	Refer	BKKH17003529

Intertek Testing Services (Thailand) Ltd.

1285/5 Prachachuen Road, Wong-Sawang, Bangsue, Bangkok 10800 Thailand

Tel.: (662) 837-2999 Fax: (662) 837-2936

E-mail Address: tfh.thailand@intertek.com

Attention is drawn to the Terms and Conditions printed overleaf.



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



Number: BKKH17002815

TEST REPORT

Test conducted:

Total Lead (Pb) content[▲]

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.

<u>Tested component</u>	<u>Result</u>	<u>LOD</u>	<u>LOQ</u>	<u>Limit</u>
	<u>%</u>	<u>%</u>	<u>%</u>	<u>%</u>
(16)	ND	0.0002	0.0013	0.009
(17)	ND	0.0002	0.0013	0.009
(18)	ND	0.0002	0.0013	0.009

Remark: % = percentage
 < = Less than
 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:

(16) =	GREEN COATING ON SAWDUST (5493)	Refer	BKKH17005493
(17) =	DARK GRAY COATING ON SAWDUST	Refer	BKKH17005493
(18) =	LIGHT BLUE COATING ON SAWDUST	Refer	BKKH17005493

Intertek Testing Services (Thailand) Ltd.

1285/5 Prachachuen Road, Wong-Sawang, Bangsue, Bangkok 10800 Thailand

Tel.: (662) 837-2999 Fax: (662) 837-2936

E-mail Address: tth.thailand@intertek.com

Attention is drawn to the Terms and Conditions printed overleaf.



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



Number: BKKH17002815

TEST REPORT

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
(11)	ND	2	13	90
(12)	ND	2	13	90
(13)	ND	2	13	90
(14)	ND	2	13	90
(15)	<13	2	13	90

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)

Tested components:

(1) =	BLUE COATING ON WOOD	Refer	BKKH16008147
(2) =	LACQUER COATING ON WOOD	Refer	BKKH16008147
(3) =	BLACK COATING ON WOOD	Refer	BKKH16008148
(4) =	WHITE COATING ON WOOD	Refer	BKKH16008148
(5) =	BLUE COATING ON WOOD (8768)	Refer	BKKH16008768
(6) =	YELLOW COATING ON WOOD	Refer	BKKH16008768
(7) =	PINK COATING ON WOOD	Refer	BKKH16008768
(8) =	LIGHT GREEN COATING ON WOOD	Refer	BKKH16015744
(9) =	Gray coating on wood	Refer	BKKH16015641
(10) =	Brown coating on wood	Refer	BKKH16017601
(11) =	YELLOW COATING ON SAWDUST	Refer	BKKH17003954
(12) =	DARK BROWN COATING ON WOOD	Refer	BKKH17003954
(13) =	WHITE COATING ON SAWDUST	Refer	BKKH17003953
(14) =	GREEN COATING ON SAWDUST	Refer	BKKH17003953
(15) =	Yellow coating on wood (3529)	Refer	BKKH17003529

Intertek Testing Services (Thailand) Ltd.

1285/5 Prachachuen Road, Wong-Sawang, Bangsue, Bangkok 10800 Thailand

Tel.: (662) 837-2999 Fax: (662) 837-2936

E-mail Address: tfh.thailand@intertek.com

Attention is drawn to the Terms and Conditions printed overleaf.



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



Number: BKKH17002815

TEST REPORT

Test conducted:

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>
(16)	ND	2	13	90
(17)	ND	2	13	90
(18)	ND	2	13	90

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)

Tested components:

(16) =	GREEN COATING ON SAWDUST (5493)	Refer	BKKH17005493
(17) =	DARK GRAY COATING ON SAWDUST	Refer	BKKH17005493
(18) =	LIGHT BLUE COATING ON SAWDUST	Refer	BKKH17005493

Intertek Testing Services (Thailand) Ltd.

1285/5 Prachachuen Road, Wong-Sawang, Bangsue, Bangkok 10800 Thailand

Tel.: (662) 837-2999 Fax: (662) 837-2936

E-mail Address: tth.thailand@intertek.com

Attention is drawn to the Terms and Conditions printed overleaf.



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



Number: BKKH17002815

TEST REPORT

Test conducted:

- 6 Total lead (Pb) content in substrate material- non-metal children's 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-E1002-08.3:2012 method was used and total lead content was determined by Inductively Couple Plasma Optical Emission Spectrometry.

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

Remark: < = Less than
mg/kg = Milligram per kilogram = ppm = Parts per million
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) =	Plywood	Refer	BKKH16007214
(2) =	White Sawdust 5%	Refer	BKKH16007214
(3) =	WHITE JOINT PLASTIC	Refer	BKKH16014216
(4) =	BLUE SAWDUST (299C)	Refer	BKKH16017877
(5) =	Solid Wood	Refer	BKKH17000142

Intertek Testing Services (Thailand) Ltd.

1285/5 Prachachuen Road, Wong-Sawang, Bangsue, Bangkok 10800 Thailand

Tel.: (662) 837-2999 Fax: (662) 837-2936

E-mail Address: tfh.thailand@intertek.com

Attention is drawn to the Terms and Conditions printed overleaf.



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



Number: BKKH17002815

TEST REPORT

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.

	Result (%, w/w)					LOD (%, w/w)	LOQ (%, w/w)	Limit (%, w/w)	NPR (%, w/w)
	(1)	(2)	(3)	(4)	(5)				
Dibutyl Phthalate (DBP)	ND	ND	ND	ND	ND	0.0015	0.003	0.1	0.1
Diethyl hexyl Phthalate (DEHP)	ND	ND	ND	ND	ND	0.0015	0.003	0.1	0.1
Benzyl butyl Phthalate (BBP)	ND	ND	ND	ND	ND	0.0015	0.003	0.1	0.1
Di-iso-nonyl Phthalate (DINP)	ND	ND	ND	ND	ND	0.0015	0.009	0.1	0.1
Di-n-octyl Phthalate (DNOP)	ND	ND	ND	ND	ND	0.0015	0.003	0.1	--
Di-iso-decyl Phthalate (DIDP)	ND	ND	ND	ND	ND	0.0015	0.009	0.1	--
Di-isobutyl phthalate (DIBP) [▲]	ND	ND	ND	ND	ND	0.0015	0.009	--	0.1
Di-n-pentyl phthalate (DnPP) [▲]	ND	ND	ND	ND	ND	0.0015	0.009	--	0.1
Di-n-hexyl phthalate (DnHP) [▲]	ND	ND	ND	ND	ND	0.0015	0.009	--	0.1
Di-cyclohexyl phthalate (DCHP) [▲]	ND	ND	ND	ND	ND	0.0015	0.009	--	0.1
Diisooctyl phthalate (DIOP) [▲]	ND	ND	ND	ND	ND	0.0015	0.009	--	--

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.

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) =	Plywood	Refer	BKKH16007214
(2) =	White Sawdust 5%	Refer	BKKH16007214
(3) =	BLUE COATING ON WOOD	Refer	BKKH16008147
(4) =	LACQUER COATING ON WOOD	Refer	BKKH16008147
(5) =	BLACK COATING ON WOOD	Refer	BKKH16008148

Intertek Testing Services (Thailand) Ltd.

1285/5 Prachachuen Road, Wong-Sawang, Bangsue, Bangkok 10800 Thailand

Tel.: (662) 837-2999 Fax: (662) 837-2936

E-mail Address: tth.thailand@intertek.com

Attention is drawn to the Terms and Conditions printed overleaf.



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



Number: BKKH17002815

TEST REPORT

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.

			Result (%, w/w)			LOD (%, w/w)	LOQ (%, w/w)	Limit (%, w/w)	NPR (%, w/w)
	(6)	(7)	(8)	(9)	(10)				
Dibutyl Phthalate (DBP)	ND	ND	ND	ND	ND	0.0015	0.003	0.1	0.1
Diethyl hexyl Phthalate (DEHP)	ND	ND	ND	ND	0.0751	0.0015	0.003	0.1	0.1
Benzyl butyl Phthalate (BBP)	ND	ND	ND	ND	ND	0.0015	0.003	0.1	0.1
Di-iso-nonyl Phthalate (DINP)	ND	ND	ND	ND	ND	0.0015	0.009	0.1	0.1
Di-n-octyl Phthalate (DNOP)	ND	ND	ND	ND	ND	0.0015	0.003	0.1	--
Di-iso-decyl Phthalate (DIDP)	ND	ND	ND	ND	ND	0.0015	0.009	0.1	--
Di-isobutyl phthalate (DIBP) [▲]	ND	ND	ND	ND	ND	0.0015	0.009	--	0.1
Di-n-pentyl phthalate (DnPP) [▲]	ND	ND	ND	ND	ND	0.0015	0.009	--	0.1
Di-n-hexyl phthalate (DnHP) [▲]	ND	ND	ND	ND	ND	0.0015	0.009	--	0.1
Di-cyclohexyl phthalate (DCHP) [▲]	ND	ND	ND	ND	ND	0.0015	0.009	--	0.1
Diisooctyl phthalate (DIOP) [▲]	ND	ND	ND	ND	ND	0.0015	0.009	--	--

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.

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) =	WHITE COATING ON WOOD	Refer	BKKH16008148
(7) =	BLUE COATING ON WOOD (8768)	Refer	BKKH16008768
(8) =	YELLOW COATING ON WOOD	Refer	BKKH16008768
(9) =	PINK COATING ON WOOD	Refer	BKKH16008768
(10) =	WHITE JOINT PLASTIC	Refer	BKKH16014216

Intertek Testing Services (Thailand) Ltd.

1285/5 Prachachuen Road, Wong-Sawang, Bangsue, Bangkok 10800 Thailand

Tel.: (662) 837-2999 Fax: (662) 837-2936

E-mail Address: tth.thailand@intertek.com

Attention is drawn to the Terms and Conditions printed overleaf.



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



Number: BKKH17002815

TEST REPORT

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)	(14)	(15)				
Dibutyl Phthalate (DBP)	ND	ND	ND	ND	ND	0.0015	0.003	0.1	0.1
Diethyl hexyl Phthalate (DEHP)	ND	ND	ND	ND	ND	0.0015	0.003	0.1	0.1
Benzyl butyl Phthalate (BBP)	ND	ND	ND	ND	ND	0.0015	0.003	0.1	0.1
Di-iso-nonyl Phthalate (DINP)	ND	ND	ND	ND	ND	0.0015	0.009	0.1	0.1
Di-n-octyl Phthalate (DNOP)	ND	ND	ND	ND	ND	0.0015	0.003	0.1	--
Di-iso-decyl Phthalate (DIDP)	ND	ND	ND	ND	ND	0.0015	0.009	0.1	--
Di-isobutyl phthalate (DIBP) [▲]	ND	ND	ND	ND	ND	0.0015	0.009	--	0.1
Di-n-pentyl phthalate (DnPP) [▲]	ND	ND	ND	ND	ND	0.0015	0.009	--	0.1
Di-n-hexyl phthalate (DnHP) [▲]	ND	ND	ND	ND	ND	0.0015	0.009	--	0.1
Di-cyclohexyl phthalate (DCHP) [▲]	ND	ND	ND	ND	ND	0.0015	0.009	--	0.1
Diisooctyl phthalate (DIOP) [▲]	ND	ND	ND	ND	ND	0.0015	0.009	--	--

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.

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) =	LIGHT GREEN COATING ON WOOD	Refer	BKKH16015744
(12) =	Gray coating on wood	Refer	BKKH16015641
(13) =	Brown coating on wood	Refer	BKKH16017601
(14) =	BLUE SAWDUST (299C)	Refer	BKKH16017877
(15) =	YELLOW COATING ON SAWDUST	Refer	BKKH17003954

Intertek Testing Services (Thailand) Ltd.

1285/5 Prachachuen Road, Wong-Sawang, Bangsue, Bangkok 10800 Thailand

Tel.: (662) 837-2999 Fax: (662) 837-2936

E-mail Address: tth.thailand@intertek.com

Attention is drawn to the Terms and Conditions printed overleaf.



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



Number: BKKH17002815

TEST REPORT

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.

	Result (%, w/w)					LOD (%, w/w)	LOQ (%, w/w)	Limit (%, w/w)	NPR (%, w/w)
	(16)	(17)	(18)	(19)	(20)				
Dibutyl Phthalate (DBP)	ND	ND	ND	ND	ND	0.0015	0.003	0.1	0.1
Diethyl hexyl Phthalate (DEHP)	ND	ND	ND	ND	ND	0.0015	0.003	0.1	0.1
Benzyl butyl Phthalate (BBP)	ND	ND	ND	ND	ND	0.0015	0.003	0.1	0.1
Di-iso-nonyl Phthalate (DINP)	ND	ND	ND	ND	ND	0.0015	0.009	0.1	0.1
Di-n-octyl Phthalate (DNOP)	ND	ND	ND	ND	ND	0.0015	0.003	0.1	--
Di-iso-decyl Phthalate (DIDP)	ND	ND	ND	ND	ND	0.0015	0.009	0.1	--
Di-isobutyl phthalate (DIBP) [▲]	ND	ND	ND	ND	ND	0.0015	0.009	--	0.1
Di-n-pentyl phthalate (DnPP) [▲]	ND	ND	ND	ND	ND	0.0015	0.009	--	0.1
Di-n-hexyl phthalate (DnHP) [▲]	ND	ND	ND	ND	ND	0.0015	0.009	--	0.1
Di-cyclohexyl phthalate (DCHP) [▲]	ND	ND	ND	ND	ND	0.0015	0.009	--	0.1
Diisooctyl phthalate (DIOP) [▲]	ND	ND	ND	ND	ND	0.0015	0.009	--	--

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.

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:

(16) =	DARK BROWN COATING ON WOOD	Refer	BKKH17003954
(17) =	WHITE COATING ON SAWDUST	Refer	BKKH17003953
(18) =	GREEN COATING ON SAWDUST	Refer	BKKH17003953
(19) =	Yellow coating on wood (3529)	Refer	BKKH17003529
(20) =	GREEN COATING ON SAWDUST (5493)	Refer	BKKH17005493

Intertek Testing Services (Thailand) Ltd.

1285/5 Prachachuen Road, Wong-Sawang, Bangsue, Bangkok 10800 Thailand

Tel.: (662) 837-2999 Fax: (662) 837-2936

E-mail Address: tfh.thailand@intertek.com

Attention is drawn to the Terms and Conditions printed overleaf.



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



Number: BKKH17002815

TEST REPORT

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)
	(21)	(22)				
Dibutyl Phthalate (DBP)	ND	ND	0.0015	0.003	0.1	0.1
Diethyl hexyl Phthalate (DEHP)	ND	ND	0.0015	0.003	0.1	0.1
Benzyl butyl Phthalate (BBP)	ND	ND	0.0015	0.003	0.1	0.1
Di-iso-nonyl Phthalate (DINP)	ND	ND	0.0015	0.009	0.1	0.1
Di-n-octyl Phthalate (DNOP)	ND	ND	0.0015	0.003	0.1	--
Di-iso-decyl Phthalate (DIDP)	ND	ND	0.0015	0.009	0.1	--
Di-isobutyl phthalate (DIBP) [▲]	ND	ND	0.0015	0.009	--	0.1
Di-n-pentyl phthalate (DnPP) [▲]	ND	ND	0.0015	0.009	--	0.1
Di-n-hexyl phthalate (DnHP) [▲]	ND	ND	0.0015	0.009	--	0.1
Di-cyclohexyl phthalate (DCHP) [▲]	ND	ND	0.0015	0.009	--	0.1
Diisooctyl phthalate (DIOP) [▲]	ND	ND	0.0015	0.009	--	--

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.

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:

(21) = DARK GRAY COATING ON SAWDUST

Refer BKKH17005493

(22) = LIGHT BLUE COATING ON SAWDUST

Refer BKKH17005493

Intertek Testing Services (Thailand) Ltd.

1285/5 Prachachuen Road, Wong-Sawang, Bangsue, Bangkok 10800 Thailand

Tel.: (662) 837-2999 Fax: (662) 837-2936

E-mail Address: tfh.thailand@intertek.com

Attention is drawn to the Terms and Conditions printed overleaf.



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



Number: BKKH17002815

TEST REPORT

Test conducted:

8 Phthalate content test[▲]

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)
	(1)	(2)	(3)	(4)	(5)			
Dibutyl Phthalate (DBP)	ND	ND	ND	ND	ND	0.0015	0.003	0.1
Diethyl hexyl Phthalate (DEHP)	ND	ND	ND	ND	ND	0.0015	0.003	0.1
Benzyl butyl Phthalate (BBP)	ND	ND	ND	ND	ND	0.0015	0.003	0.1
Di-iso-nonyl Phthalate (DINP)	ND	ND	ND	ND	ND	0.0015	0.009	0.1
Dioctyl Phthalate (DNOP)	ND	ND	ND	ND	ND	0.0015	0.003	0.1
Di-iso-decyl Phthalate (DIDP)	ND	ND	ND	ND	ND	0.0015	0.009	0.1
Di-n-hexyl Phthalate (DnHP)	ND	ND	ND	ND	ND	0.0015	0.003	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) =	Plywood	Refer	BKKH16007214
(2) =	White Sawdust 5%	Refer	BKKH16007214
(3) =	BLUE COATING ON WOOD	Refer	BKKH16008147
(4) =	LACQUER COATING ON WOOD	Refer	BKKH16008147
(5) =	BLACK COATING ON WOOD	Refer	BKKH16008148

Intertek Testing Services (Thailand) Ltd.

1285/5 Prachachuen Road, Wong-Sawang, Bangsue, Bangkok 10800 Thailand

Tel.: (662) 837-2999 Fax: (662) 837-2936

E-mail Address: tth.thailand@intertek.com

Attention is drawn to the Terms and Conditions printed overleaf.



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



Number: BKKH17002815

TEST REPORT

Test conducted:

Phthalate content test[▲]

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	0.003	0.1
Diethyl hexyl Phthalate (DEHP)	ND	ND	ND	ND	0.0751	0.0015	0.003	0.1
Benzyl butyl Phthalate (BBP)	ND	ND	ND	ND	ND	0.0015	0.003	0.1
Di-iso-nonyl Phthalate (DINP)	ND	ND	ND	ND	ND	0.0015	0.009	0.1
Dioctyl Phthalate (DNOP)	ND	ND	ND	ND	ND	0.0015	0.003	0.1
Di-iso-decyl Phthalate (DIDP)	ND	ND	ND	ND	ND	0.0015	0.009	0.1
Di-n-hexyl Phthalate (DnHP)	ND	ND	ND	ND	ND	0.0015	0.003	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:

(6) =	WHITE COATING ON WOOD	Refer	BKKH16008148
(7) =	BLUE COATING ON WOOD (8768)	Refer	BKKH16008768
(8) =	YELLOW COATING ON WOOD	Refer	BKKH16008768
(9) =	PINK COATING ON WOOD	Refer	BKKH16008768
(10) =	WHITE JOINT PLASTIC	Refer	BKKH16014216

Intertek Testing Services (Thailand) Ltd.

1285/5 Prachachuen Road, Wong-Sawang, Bangsue, Bangkok 10800 Thailand

Tel.: (662) 837-2999 Fax: (662) 837-2936

E-mail Address: tth.thailand@intertek.com

Attention is drawn to the Terms and Conditions printed overleaf.



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



Number: BKKH17002815

TEST REPORT

Test conducted:

Phthalate content test[▲]

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)	(14)	(15)			
Dibutyl Phthalate (DBP)	ND	ND	ND	ND	ND	0.0015	0.003	0.1
Diethyl hexyl Phthalate (DEHP)	ND	ND	ND	ND	ND	0.0015	0.003	0.1
Benzyl butyl Phthalate (BBP)	ND	ND	ND	ND	ND	0.0015	0.003	0.1
Di-iso-nonyl Phthalate (DINP)	ND	ND	ND	ND	ND	0.0015	0.009	0.1
Dioctyl Phthalate (DNOP)	ND	ND	ND	ND	ND	0.0015	0.003	0.1
Di-iso-decyl Phthalate (DIDP)	ND	ND	ND	ND	ND	0.0015	0.009	0.1
Di-n-hexyl Phthalate (DnHP)	ND	ND	ND	ND	ND	0.0015	0.003	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) =	LIGHT GREEN COATING ON WOOD	Refer	BKKH16015744
(12) =	Gray coating on wood	Refer	BKKH16015641
(13) =	Brown coating on wood	Refer	BKKH16017601
(14) =	BLUE SAWDUST (299C)	Refer	BKKH16017877
(15) =	YELLOW COATING ON SAWDUST	Refer	BKKH17003954

Intertek Testing Services (Thailand) Ltd.

1285/5 Prachachuen Road, Wong-Sawang, Bangsue, Bangkok 10800 Thailand

Tel.: (662) 837-2999 Fax: (662) 837-2936

E-mail Address: tth.thailand@intertek.com

Attention is drawn to the Terms and Conditions printed overleaf.



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



Number: BKKH17002815

TEST REPORT

Test conducted:

Phthalate content test[▲]

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>
	(16)	(17)	(18)	(19)	(20)			
Dibutyl Phthalate (DBP)	ND	ND	ND	ND	ND	0.0015	0.003	0.1
Diethyl hexyl Phthalate (DEHP)	ND	ND	ND	ND	ND	0.0015	0.003	0.1
Benzyl butyl Phthalate (BBP)	ND	ND	ND	ND	ND	0.0015	0.003	0.1
Di-iso-nonyl Phthalate (DINP)	ND	ND	ND	ND	ND	0.0015	0.009	0.1
Di-octyl Phthalate (DNOP)	ND	ND	ND	ND	ND	0.0015	0.003	0.1
Di-iso-decyl Phthalate (DIDP)	ND	ND	ND	ND	ND	0.0015	0.009	0.1
Di-n-hexyl Phthalate (DnHP)	ND	ND	ND	ND	ND	0.0015	0.003	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:

(16) = DARK BROWN COATING ON WOOD

(17) = WHITE COATING ON SAWDUST

(18) = GREEN COATING ON SAWDUST

(19) = Yellow coating on wood (3529)

(20) = GREEN COATING ON SAWDUST (5493)

Refer BKKH17003954

Refer BKKH17003953

Refer BKKH17003953

Refer BKKH17003529

Refer BKKH17005493

Intertek Testing Services (Thailand) Ltd.

1285/5 Prachachuen Road, Wong-Sawang, Bangsue, Bangkok 10800 Thailand

Tel.: (662) 837-2999 Fax: (662) 837-2936

E-mail Address: tth.thailand@intertek.com

Attention is drawn to the Terms and Conditions printed overleaf.



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



Number: BKKH17002815

TEST REPORT

Test conducted:

Phthalate content test[▲]

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>
	(21)	(22)			
Dibutyl Phthalate (DBP)	ND	ND	0.0015	0.003	0.1
Diethyl hexyl Phthalate (DEHP)	ND	ND	0.0015	0.003	0.1
Benzyl butyl Phthalate (BBP)	ND	ND	0.0015	0.003	0.1
Di-iso-nonyl Phthalate (DINP)	ND	ND	0.0015	0.009	0.1
Di-octyl Phthalate (DNOP)	ND	ND	0.0015	0.003	0.1
Di-iso-decyl Phthalate (DIDP)	ND	ND	0.0015	0.009	0.1
Di-n-hexyl Phthalate (DnHP)	ND	ND	0.0015	0.003	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:

(21) = DARK GRAY COATING ON SAWDUST

Refer BKKH17005493

(22) = LIGHT BLUE COATING ON SAWDUST

Refer BKKH17005493

Intertek Testing Services (Thailand) Ltd.

1285/5 Prachachuen Road, Wong-Sawang, Bangsue, Bangkok 10800 Thailand

Tel.: (662) 837-2999 Fax: (662) 837-2936

E-mail Address: tth.thailand@intertek.com

Attention is drawn to the Terms and Conditions printed overleaf.



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



Number: BKKH17002815

TEST REPORT

Test conducted:

9 Total Lead (Pb) Content[▲]

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
(11)	ND	2	13	90
(12)	ND	2	13	90
(13)	ND	2	13	90
(14)	ND	2	13	90
(15)	<13	2	13	90
(16)	ND	2	13	90
(17)	ND	2	13	90
(18)	ND	2	13	90

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)
▲ = 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.

Intertek Testing Services (Thailand) Ltd.

1285/5 Prachachuen Road, Wong-Sawang, Bangsue, Bangkok 10800 Thailand

Tel.: (662) 837-2999 Fax: (662) 837-2936

E-mail Address: tfh.thailand@intertek.com

Attention is drawn to the Terms and Conditions printed overleaf.



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



Number: BKKH17002815

TEST REPORT

Test conducted:

Tested components:

(1) =	BLUE COATING ON WOOD	Refer	BKKH16008147
(2) =	LACQUER COATING ON WOOD	Refer	BKKH16008147
(3) =	BLACK COATING ON WOOD	Refer	BKKH16008148
(4) =	WHITE COATING ON WOOD	Refer	BKKH16008148
(5) =	BLUE COATING ON WOOD (8768)	Refer	BKKH16008768
(6) =	YELLOW COATING ON WOOD	Refer	BKKH16008768
(7) =	PINK COATING ON WOOD	Refer	BKKH16008768
(8) =	LIGHT GREEN COATING ON WOOD	Refer	BKKH16015744
(9) =	Gray coating on wood	Refer	BKKH16015641
(10) =	Brown coating on wood	Refer	BKKH16017601
(11) =	YELLOW COATING ON SAWDUST	Refer	BKKH17003954
(12) =	DARK BROWN COATING ON WOOD	Refer	BKKH17003954
(13) =	WHITE COATING ON SAWDUST	Refer	BKKH17003953
(14) =	GREEN COATING ON SAWDUST	Refer	BKKH17003953
(15) =	Yellow coating on wood (3529)	Refer	BKKH17003529
(16) =	GREEN COATING ON SAWDUST (5493)	Refer	BKKH17005493
(17) =	DARK GRAY COATING ON SAWDUST	Refer	BKKH17005493
(18) =	LIGHT BLUE COATING ON SAWDUST	Refer	BKKH17005493

Intertek Testing Services (Thailand) Ltd.

1285/5 Prachachuen Road, Wong-Sawang, Bangsue, Bangkok 10800 Thailand

Tel.: (662) 837-2999 Fax: (662) 837-2936

E-mail Address: tth.thailand@intertek.com

Attention is drawn to the Terms and Conditions printed overleaf.



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



Number: BKKH17002815

TEST REPORT

Test conducted:

II Non-surface coating material (substrate)

<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>
(19)	ND	1	13	100
(20)	ND	1	13	100
(21)	ND	1	13	100
(22)	<13	1	13	100
(23)	ND	1	13	100

Remark: < = Less than
mg/kg = Milligram per kilogram = 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:

(19) =	Plywood	Refer	BKKH16007214
(20) =	White Sawdust 5%	Refer	BKKH16007214
(21) =	WHITE JOINT PLASTIC	Refer	BKKH16014216
(22) =	BLUE SAWDUST (299C)	Refer	BKKH16017877
(23) =	Solid Wood	Refer	BKKH17000142

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

*****END*****/KS/ST

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.

Intertek Testing Services (Thailand) Ltd.

1285/5 Prachachuen Road, Wong-Sawang, Bangsue, Bangkok 10800 Thailand

Tel.: (662) 837-2999 Fax: (662) 837-2936

E-mail Address: tfh.thailand@intertek.com

Attention is drawn to the Terms and Conditions printed overleaf.