



# TEST REPORT

Report No. 010222080037

DATED: 29 AUGUST 2022

**Client** : PLAN CREATIONS CO., LTD.  
8 MOO 8, TRANG-PALIAN RD.,  
YANTAKAO, TRANG 92140 THAILAND

**Buyer** : /

**Sample Description** : SURGEON PLAY SET

**Item No.** : 3703

**SKU No.** : /

**Model / Style** : /

**Age Grade** : 3Y+

**Manufacturer** : /

**Country of Origin** : THAILAND

**Country of Destination** : /

**Test Sample Received** : RECEIVED ON 18/08/2022

**Test Period** : FROM 22/08/2022 TO 26/08/2022

TEST REQUESTED	CONCLUSION	REMARK
ASTM F963-17 – STANDARD CONSUMER SAFETY SPECIFICATION FOR TOY SAFETY (MECHANICAL AND PHYSICAL PROPERTIES)	PASS	-
ASTM F963-17 – STANDARD CONSUMER SAFETY SPECIFICATION FOR TOY SAFETY (FLAMMABILITY)	PASS	-
CONSUMER PRODUCT SAFETY IMPROVEMENT ACT OF 2008 SECTION 101 CHILDREN'S PRODUCTS CONTAINING LEAD	PASS	-
CONSUMER PRODUCT SAFETY IMPROVEMENT ACT OF 2008 SECTION 101 CHILDREN'S PRODUCTS CONTAINING LEAD; LEAD PAINT RULE	PASS	-
ILCS 410 ILCS 45 LEAD POISONING PREVENTION ACT SEC. 6(B) CHILDREN'S PRODUCTS (ILLINOIS)	PASS	-
ASTM F963-17 – STANDARD CONSUMER SAFETY SPECIFICATION FOR TOY SAFETY (SOLUBLE HEAVY METAL CONTENT)	PASS	-
CONSUMER PRODUCT SAFETY IMPROVEMENT ACT OF 2008 SECTION 108 PROHIBITION OF SALE OF CERTAIN PRODUCTS CONTAINING SPECIFIED PHTHALATES	PASS	-
CALIFORNIA PROPOSITION 65 – PHTHALATE CONTENT	PASS	-

**GIC Testing & Inspection Services Pte Ltd**

158 Kallang Way #08-01  
Singapore 349245



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For technical enquiries or any other concerns,  
please contact:

**GIC TESTING & INSPECTION SERVICES PTE LTD**

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**EDMUND YAP**

Laboratory Manager

**APPROVED BY:**

**SUZEN CHONG**

Senior Vice President

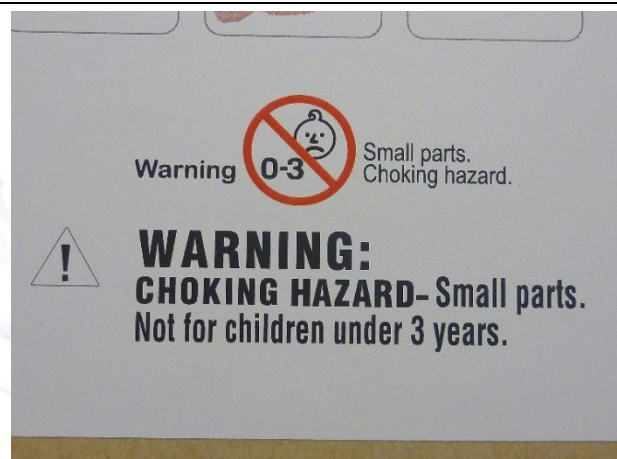
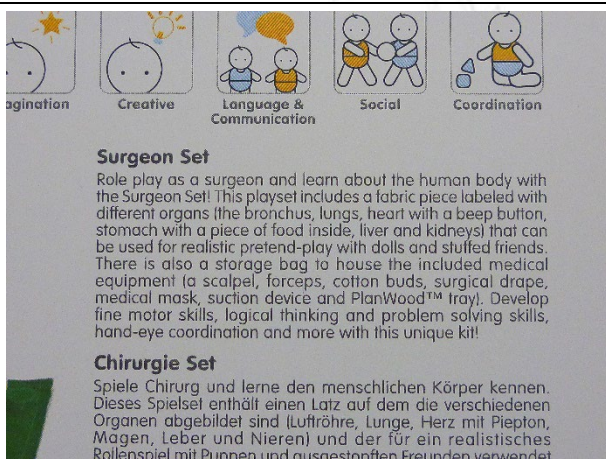
GICG - ENABLING TRUST IN A CHANGING WORLD

**GIC Testing & Inspection Services Pte Ltd**

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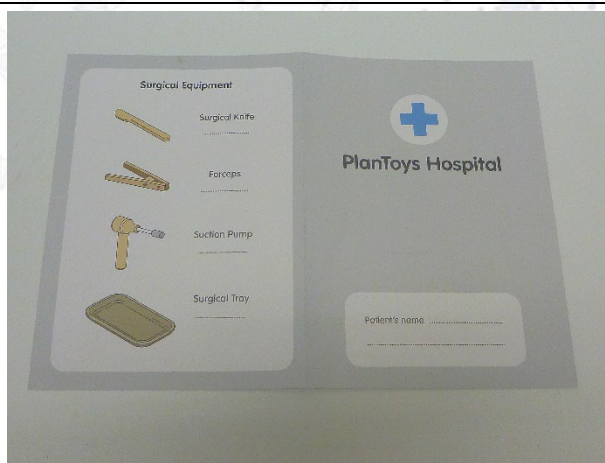
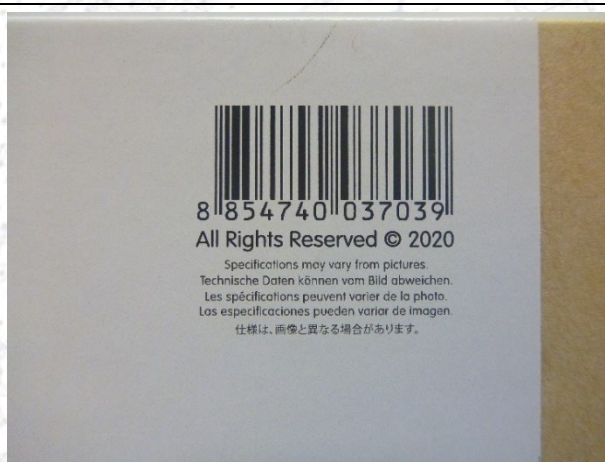


## SAMPLE PHOTO

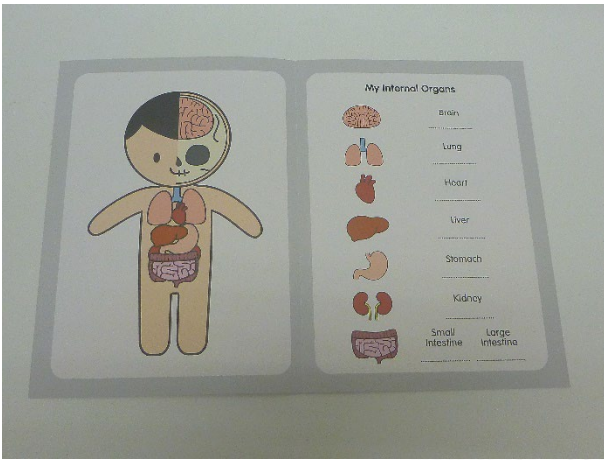




## SAMPLE PHOTO



## SAMPLE PHOTO







# Report No. 010222080037

DATED: 29 AUGUST 2022

## REMARK:

As per customer request, results for chemical tests listed below were referenced from the corresponding reports, issued no more than 12 months prior to this report.

### Item Description: 3703 SURGEON PLAY SET

<u>Components</u>	<u>Report Number</u>	<u>Date of Issue</u>
<b><u>ASTM F963-17 Soluble Heavy Metals</u></b>		
LACQUER COATING ON WOOD	010222050135	06 Jun 2022
DARK BROWN COATING ON WOOD	010222070005	13 Jul 2022
LIGHT GRAY COATING ON WOOD	010222070004	13 Jul 2022
PINK COATING ON WOOD	010222060047	27 Jun 2022
DARK BROWN COATING ON WOOD	010222050135	06 Jun 2022
LIGHT GREEN COATING ON WOOD	010222050137	06 Jun 2022
LIGHT PURPLE COATING ON WOOD	010222050135	06 Jun 2022
RED FABRIC	010221100089	19 Oct 2021
CREAM FABRIC	010222070003	13 Jul 2022
BROWN FABRIC	010222070060	29 Jul 2022
LABEL FABRIC	010222050106	06 Jun 2022
DARK GREEN FABRIC	010222020037	15 Feb 2022
LIGHT BLUE FABRIC	010222020042	15 Feb 2022
LIGHT ORANGE FABRIC	010222020101	24 Feb 2022
WHITE PLASTIC (VELCRO)	010222050112	06 Jun 2022
YELLOW PLASTIC (VELCRO)	010222050112	06 Jun 2022
PATIENT HISTORY RECORD BOOK PAPER	010222020038	15 Feb 2022
WHITE RUBBER	010221090154	16 Sep 2021
WHITE YARN	010222020039	15 Feb 2022
GRAY SAWDUST (PASTEL)	010222070058	29 Jul 2022
BLACK SAWDUST	010222030021	10 Mar 2022
<b><u>Lead in Surface Coating</u></b>		
LACQUER COATING ON WOOD	010222050135	06 Jun 2022
DARK BROWN COATING ON WOOD	010222070005	13 Jul 2022
LIGHT GRAY COATING ON WOOD	010222070004	13 Jul 2022
PINK COATING ON WOOD	010222060047	27 Jun 2022
DARK BROWN COATING ON WOOD	010222050135	06 Jun 2022
LIGHT GREEN COATING ON WOOD	010222050137	06 Jun 2022
LIGHT PURPLE COATING ON WOOD	010222050135	06 Jun 2022
PATIENT HISTORY RECORD BOOK PAPER	010222020038	15 Feb 2022
<b><u>Lead in Substrate</u></b>		
RED FABRIC	010221100089	19 Oct 2021
CREAM FABRIC	010222070003	13 Jul 2022
BROWN FABRIC	010222070060	29 Jul 2022
LABEL FABRIC	010222050106	06 Jun 2022
DARK GREEN FABRIC	010222020037	15 Feb 2022
LIGHT BLUE FABRIC	010222020042	15 Feb 2022
LIGHT ORANGE FABRIC	010222020101	24 Feb 2022
WHITE PLASTIC (VELCRO)	010222050112	06 Jun 2022
YELLOW PLASTIC (VELCRO)	010222050112	06 Jun 2022
PATIENT HISTORY RECORD BOOK PAPER	010222020038	15 Feb 2022
WHITE RUBBER	010221090154	16 Sep 2021
WHITE YARN	010222020039	15 Feb 2022
GRAY SAWDUST (PASTEL)	010222070058	29 Jul 2022
BLACK SAWDUST	010222030021	10 Mar 2022



# Report No. 010222080037

DATED: 29 AUGUST 2022

## Components

### Phthalate Content

LACQUER COATING ON WOOD  
DARK BROWN COATING ON WOOD  
LIGHT GRAY COATING ON WOOD  
PINK COATING ON WOOD  
DARK BROWN COATING ON WOOD  
LIGHT GREEN COATING ON WOOD  
LIGHT PURPLE COATING ON WOOD  
GRAY SAWDUST (PASTEL)  
BLACK SAWDUST  
WHITE PLASTIC (VELCRO)  
YELLOW PLASTIC (VELCRO)  
WHITE RUBBER

## Report Number

010222050135  
010222070005  
010222070004  
010222060047  
010222050135  
010222050137  
010222050135  
010222070058  
010222030021  
010222050112  
010222050112  
010221090154

## Date of Issue

06 Jun 2022  
13 Jul 2022  
13 Jul 2022  
27 Jun 2022  
06 Jun 2022  
06 Jun 2022  
06 Jun 2022  
29 Jul 2022  
10 Mar 2022  
06 Jun 2022  
06 Jun 2022  
16 Sep 2021

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# Report No. 010222080037

DATED: 29 AUGUST 2022

## TEST RESULT(S):

### ASTM F963-17 – Standard Consumer Safety Specification for Toy Safety (Mechanical and Physical Properties)

Test Method : Reference to ASTM F963-17.

Clause	Requirement	Result
4.1	Material quality	M
4.2	Flammability	See Results
4.3	Toxicology	See Results
4.4	Electrical/Thermal Energy	NA
4.5	Sound-Producing Toys	NA
4.6	Small Objects	NA
4.7	Accessible Edges	M
4.8	Projections	NA
4.9	Accessible Points	M
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
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	Yo Yo 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	Labeling Requirements	M
6	Instructional Literature	M
7	Producer's Markings	M

Note:

M = Meet

NR = Not Requested

NM = Not Meet

NT = Not Tested

NA = Not Applicable

NP = Not Present

R = Refer to Comment Section





# Report No. 010222080037

DATED: 29 AUGUST 2022

## TEST RESULT(S): (Continued)

### ASTM F963-17 – Standard Consumer Safety Specification for Toy Safety (Flammability)

Test Method : Reference to ASTM F963-17 Annex A5 and A6.

Test Item(s)	Item / Component Description(s)
1	3703 SURGEON PLAY SET

Test Item(s)	Length of Major Axis (in)	Burn Length (in)	Burn Time (s)	Permissible Limit (in/s)	Burn Rate (in/s)	Result
1	4.97	DNI	DNI	0.1	DNI	DNI
Conclusion	-	-	-	-	-	PASS

-	Requirement (s)	Result
Test Item(s)	-	1
Burn Time (s)	> 3.5	DNI
Conclusion	-	PASS

Note:

M = Meet

NM = Not Meet

NA = Not Applicable

R = Refer to Comment Section

NR = Not Requested

NT = Not Tested

NP = Not Present

DNI = Did Not Ignite

### Consumer Product Safety Improvement Act of 2008 Section 101 Children's Products Containing Lead

Test Method : Reference to CPSC-CH-E1002-08.3 Analysis by ICP-MS.

Test Item(s)	Item / Component Description(s)
1	RED FABRIC
2	CREAM FABRIC
3	BROWN FABRIC
4	LABEL FABRIC
5	DARK GREEN FABRIC
6	LIGHT BLUE FABRIC
7	LIGHT ORANGE FABRIC
8	WHITE PLASTIC (VELCRO)
9	YELLOW PLASTIC (VELCRO)
10	PATIENT HISTORY RECORD BOOK PAPER
11	WHITE RUBBER
12	WHITE YARN
13	GRAY SAWDUST (PASTEL)
14	BLACK SAWDUST

-	Unit	Permissible Limit	Result				
Test Item(s)	-	-	1	2	3	4	5
Lead	mg/kg	100	ND	ND	ND	ND	ND
Conclusion	-	-	PASS	PASS	PASS	PASS	PASS

-	Unit	Permissible Limit	Result				
Test Item(s)	-	-	6	7	8	9	10
Lead	mg/kg	100	ND	ND	ND	ND	ND
Conclusion	-	-	PASS	PASS	PASS	PASS	PASS

-	Unit	Permissible Limit	Result			
Test Item(s)	-	-	11	12	13	14
Lead	mg/kg	100	ND	ND	2.6	3.8
Conclusion	-	-	PASS	PASS	PASS	PASS



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## TEST RESULT(S): (Continued)

Note:

- mg/kg = milligrams per kilogram
- ND = Not Detected
- Reporting limit (Each): 2 mg/kg

### Consumer Product Safety Improvement Act of 2008 Section 101 Children's Products Containing Lead; Lead Paint Rule

**Test Method** : Reference to CPSC-CH-E1003-09.1 Analysis by ICP-MS.

Test Item(s)	Item / Component Description(s)
1	LACQUER COATING ON WOOD
2	DARK BROWN COATING ON WOOD
3	LIGHT GRAY COATING ON WOOD
4	PINK COATING ON WOOD
5	DARK BROWN COATING ON WOOD
6	LIGHT GREEN COATING ON WOOD
7	LIGHT PURPLE COATING ON WOOD
8	PATIENT HISTORY RECORD BOOK PAPER

-	Unit	Permissible Limit	Result				
Test Item(s)	-	-	1	2	3	4	5
Lead	mg/kg	90	ND	2.1	ND	ND	ND
Conclusion	-	-	PASS	PASS	PASS	PASS	PASS

-	Unit	Permissible Limit	Result		
Test Item(s)	-	-	6	7	8
Lead	mg/kg	90	ND	ND	ND
Conclusion	-	-	PASS	PASS	PASS

Note:

- mg/kg = milligrams per kilogram
- ND = Not Detected
- Reporting limit (Each): 2 mg/kg



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## TEST RESULT(S): (Continued)

### 410 ILCS 45 Lead Poisoning Prevention Act sec. 6(b) Children's Products (Illinois)

Test Method : Reference to CPSC-CH-E1002-08.3, CPSC-CH-E1003-09.1 Analysis by ICP-MS.

Test Item(s)	Item / Component Description(s)
1	LACQUER COATING ON WOOD
2	DARK BROWN COATING ON WOOD
3	LIGHT GRAY COATING ON WOOD
4	PINK COATING ON WOOD
5	DARK BROWN COATING ON WOOD
6	LIGHT GREEN COATING ON WOOD
7	LIGHT PURPLE COATING ON WOOD
8	RED FABRIC
9	CREAM FABRIC
10	BROWN FABRIC
11	LABEL FABRIC
12	DARK GREEN FABRIC
13	LIGHT BLUE FABRIC
14	LIGHT ORANGE FABRIC
15	WHITE PLASTIC (VELCRO)
16	YELLOW PLASTIC (VELCRO)
17	PATIENT HISTORY RECORD BOOK PAPER
18	WHITE RUBBER
19	WHITE YARN
20	GRAY SAWDUST (PASTEL)
21	BLACK SAWDUST

-	Unit	Permissible Limit	Result				
Test Item(s)	-	-	1	2	3	4	5
Total Lead (Pb)	mg/kg	40	ND	2.1	ND	ND	ND
Conclusion	-	-	PASS	PASS	PASS	PASS	PASS

-	Unit	Permissible Limit	Result				
Test Item(s)	-	-	6	7	8	9	10
Total Lead (Pb)	mg/kg	40	ND	ND	ND	ND	ND
Conclusion	-	-	PASS	PASS	PASS	PASS	PASS

-	Unit	Permissible Limit	Result				
Test Item(s)	-	-	11	12	13	14	15
Total Lead (Pb)	mg/kg	40	ND	ND	ND	ND	ND
Conclusion	-	-	PASS	PASS	PASS	PASS	PASS

-	Unit	Permissible Limit	Result					
Test Item(s)	-	-	16	17	18	19	20	21
Total Lead (Pb)	mg/kg	40	ND	ND	ND	ND	2.6	3.8
Conclusion	-	-	PASS	PASS	PASS	PASS	PASS	PASS

#### Note:

- mg/kg = milligrams per kilogram
- Reporting limit (Each): 2 mg/kg
- ND = Not Detected





# Report No. 010222080037

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## TEST RESULT(S): (Continued)

### ASTM F963-17 – Standard Consumer Safety Specification for Toy Safety (Soluble Heavy Metal Content)

Test Method : Reference to ASTM F963-17 Analysis by ICP-MS.

Test Item(s)	Item / Component Description(s)
1	LACQUER COATING ON WOOD
2	DARK BROWN COATING ON WOOD
3	LIGHT GRAY COATING ON WOOD
4	PINK COATING ON WOOD
5	DARK BROWN COATING ON WOOD
6	LIGHT GREEN COATING ON WOOD
7	LIGHT PURPLE COATING ON WOOD
8	RED FABRIC
9	CREAM FABRIC
10	BROWN FABRIC
11	LABEL FABRIC
12	DARK GREEN FABRIC
13	LIGHT BLUE FABRIC
14	LIGHT ORANGE FABRIC
15	WHITE PLASTIC (VELCRO)
16	YELLOW PLASTIC (VELCRO)
17	PATIENT HISTORY RECORD BOOK PAPER
18	WHITE RUBBER
19	WHITE YARN
20	GRAY SAWDUST (PASTEL)
21	BLACK SAWDUST

-	Unit	Permissible Limit	Result				
Test Item(s)	-	-	1	2	3	4	5
Antimony (Sb)	mg/kg	60	ND	ND	ND	ND	ND
Arsenic (As)	mg/kg	25	ND	ND	ND	ND	ND
Barium (Ba)	mg/kg	1000	ND	20.47	ND	ND	ND
Cadmium (Cd)	mg/kg	75	ND	ND	ND	ND	ND
Chromium III (Cr III)	mg/kg	60	ND	ND	ND	ND	ND
Lead (Pb)	mg/kg	90	ND	ND	ND	ND	ND
Mercury (Hg)	mg/kg	60	ND	ND	ND	ND	ND
Selenium (Se)	mg/kg	500	ND	ND	ND	ND	ND
Conclusion	-	-	PASS	PASS	PASS	PASS	PASS

-	Unit	Permissible Limit	Result				
Test Item(s)	-	-	6	7	8	9	10
Antimony (Sb)	mg/kg	60	ND	ND	ND	ND	ND
Arsenic (As)	mg/kg	25	ND	ND	ND	ND	ND
Barium (Ba)	mg/kg	1000	ND	ND	ND	ND	3.88
Cadmium (Cd)	mg/kg	75	ND	ND	ND	ND	ND
Chromium III (Cr III)	mg/kg	60	ND	ND	ND	ND	ND
Lead (Pb)	mg/kg	90	ND	ND	ND	ND	ND
Mercury (Hg)	mg/kg	60	ND	ND	ND	ND	ND
Selenium (Se)	mg/kg	500	ND	ND	ND	ND	ND
Conclusion	-	-	PASS	PASS	PASS	PASS	PASS



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## TEST RESULT(S): (Continued)

-	Unit	Permissible Limit	Result				
Test Item(s)	-	-	11	12	13	14	15
Antimony (Sb)	mg/kg	60	ND	ND	ND	ND	ND
Arsenic (As)	mg/kg	25	ND	ND	ND	ND	ND
Barium (Ba)	mg/kg	1000	ND	ND	ND	ND	ND
Cadmium (Cd)	mg/kg	75	ND	ND	ND	ND	ND
Chromium III (Cr III)	mg/kg	60	ND	ND	ND	ND	ND
Lead (Pb)	mg/kg	90	ND	ND	ND	ND	ND
Mercury (Hg)	mg/kg	60	ND	ND	ND	ND	ND
Selenium (Se)	mg/kg	500	ND	ND	ND	ND	ND
Conclusion	-	-	PASS	PASS	PASS	PASS	PASS

-	Unit	Permissible Limit	Result					
Test Item(s)	-	-	16	17	18	19	20	21
Antimony (Sb)	mg/kg	60	ND	ND	ND	ND	ND	ND
Arsenic (As)	mg/kg	25	ND	3.3	ND	ND	ND	ND
Barium (Ba)	mg/kg	1000	ND	ND	ND	ND	ND	ND
Cadmium (Cd)	mg/kg	75	ND	ND	ND	ND	ND	ND
Chromium III (Cr III)	mg/kg	60	ND	ND	ND	ND	ND	ND
Lead (Pb)	mg/kg	90	ND	ND	ND	ND	ND	ND
Mercury (Hg)	mg/kg	60	ND	ND	ND	ND	ND	ND
Selenium (Se)	mg/kg	500	ND	ND	ND	ND	ND	ND
Conclusion	-	-	PASS	PASS	PASS	PASS	PASS	PASS

Note:

- mg/kg = milligrams per kilogram
- ND = Not Detected
- Reporting limit (each) = 2 mg/kg

## Consumer Product Safety Improvement Act of 2008 Section 108 Prohibition of Sale of Certain Products Containing Specified Phthalates

**Test Method** : Reference to CPSC-CH-C1001-09.4 Analysis by GC-MS.

Test Item(s)	Item / Component Description(s)
1	LACQUER COATING ON WOOD
2	DARK BROWN COATING ON WOOD
3	LIGHT GRAY COATING ON WOOD
4	PINK COATING ON WOOD
5	DARK BROWN COATING ON WOOD
6	LIGHT GREEN COATING ON WOOD
7	LIGHT PURPLE COATING ON WOOD
8	GRAY SAWDUST (PASTEL)
9	BLACK SAWDUST
10	WHITE PLASTIC (VELCRO)
11	YELLOW PLASTIC (VELCRO)
12	WHITE RUBBER



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## TEST RESULT(S): (Continued)

-	Abbrev.	Unit	Permissible Limit	Result				
Test Item(s)	-	-	-	1	2	3	4	5
Di-(2-ethylhexyl) phthalate	DEHP	%	0.1	ND	ND	ND	ND	ND
Di-butyl phthalate	DBP	%	0.1	ND	ND	ND	ND	ND
Benzyl butyl phthalate	BBP	%	0.1	ND	ND	ND	ND	ND
Di-iso-nonyl phthalate	DINP	%	0.1	ND	ND	ND	ND	ND
Di-iso-butyl phthalate	DIBP	%	0.1	ND	ND	ND	ND	ND
Di-n-pentyl phthalate	DPENP	%	0.1	ND	ND	ND	ND	ND
Di-n-hexyl phthalate	DHEXP	%	0.1	ND	ND	ND	ND	ND
Di-cyclohexyl phthalate	DCHP	%	0.1	ND	ND	ND	ND	ND
<b>Conclusion</b>		-	-	<b>PASS</b>	<b>PASS</b>	<b>PASS</b>	<b>PASS</b>	<b>PASS</b>

-	Abbrev.	Unit	Permissible Limit	Result				
Test Item(s)	-	-	-	6	7	8	9	10
Di-(2-ethylhexyl) phthalate	DEHP	%	0.1	ND	ND	ND	ND	ND
Di-butyl phthalate	DBP	%	0.1	ND	ND	ND	ND	ND
Benzyl butyl phthalate	BBP	%	0.1	ND	ND	ND	ND	ND
Di-iso-nonyl phthalate	DINP	%	0.1	ND	ND	ND	ND	ND
Di-iso-butyl phthalate	DIBP	%	0.1	ND	ND	ND	ND	ND
Di-n-pentyl phthalate	DPENP	%	0.1	ND	ND	ND	ND	ND
Di-n-hexyl phthalate	DHEXP	%	0.1	ND	ND	ND	ND	ND
Di-cyclohexyl phthalate	DCHP	%	0.1	ND	ND	ND	ND	ND
<b>Conclusion</b>		-	-	<b>PASS</b>	<b>PASS</b>	<b>PASS</b>	<b>PASS</b>	<b>PASS</b>

-	Abbrev.	Unit	Permissible Limit	Result	
Test Item(s)	-	-	-	11	12
Di-(2-ethylhexyl) phthalate	DEHP	%	0.1	ND	ND
Di-butyl phthalate	DBP	%	0.1	ND	ND
Benzyl butyl phthalate	BBP	%	0.1	ND	ND
Di-iso-nonyl phthalate	DINP	%	0.1	ND	ND
Di-iso-butyl phthalate	DIBP	%	0.1	ND	ND
Di-n-pentyl phthalate	DPENP	%	0.1	ND	ND
Di-n-hexyl phthalate	DHEXP	%	0.1	ND	ND
Di-cyclohexyl phthalate	DCHP	%	0.1	ND	ND
<b>Conclusion</b>		-	-	<b>PASS</b>	<b>PASS</b>

Note:

- Reporting limit (Each): 0.01 %

- ND = Not Detected

ANNEX					
Compound	Abbrev.	CASRN	Compound	Abbrev.	CASRN
Di-(2-ethylhexyl) phthalate	DEHP	117-81-7	Di-iso-butyl phthalate	DIBP	84-69-5
Di-butyl phthalate	DBP	84-74-2	Di-n-pentyl phthalate	DPENP	84-61-7
Benzyl butyl phthalate	BBP	85-68-7	Di-n-hexyl phthalate	DHEXP	28553-12-0 / 68515-48-0
Di-iso-nonyl phthalate	DINP	131-18-0	Di-cyclohexyl phthalate	DCHP	84-75-3

CASRN: Chemical Abstracts Service Registry Number





# Report No. 010222080037

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## TEST RESULT(S): (Continued)

### California Proposition 65 – Phthalate Content

Test Method : Reference to CPSC-CH-C1001-09.4 Analysis by GC-MS.

Test Item(s)	Item / Component Description(s)
1	LACQUER COATING ON WOOD
2	DARK BROWN COATING ON WOOD
3	LIGHT GRAY COATING ON WOOD
4	PINK COATING ON WOOD
5	DARK BROWN COATING ON WOOD
6	LIGHT GREEN COATING ON WOOD
7	LIGHT PURPLE COATING ON WOOD
8	GRAY SAWDUST (PASTEL)
9	BLACK SAWDUST
10	WHITE PLASTIC (VELCRO)
11	YELLOW PLASTIC (VELCRO)
12	WHITE RUBBER

-	Abbrev.	Unit	Permissible Limit	Result				
Test Item(s)	-	-	-	1	2	3	4	5
Benzyl butyl phthalate	BBP	%	0.1	ND	ND	ND	ND	ND
Di-butyl phthalate	DBP	%	0.1	ND	ND	ND	ND	ND
Di-(2-ethylhexyl) phthalate	DEHP	%	0.1	ND	ND	ND	ND	ND
Di-iso-decyl phthalate	DIDP	%	0.1	ND	ND	ND	ND	ND
Di-iso-nonyl phthalate	DINP	%	0.1	ND	ND	ND	ND	ND
Di-n-hexyl phthalate	DNHP	%	0.1	ND	ND	ND	ND	ND
Conclusion		-	-	PASS	PASS	PASS	PASS	PASS

-	Abbrev.	Unit	Permissible Limit	Result				
Test Item(s)	-	-	-	6	7	8	9	10
Benzyl butyl phthalate	BBP	%	0.1	ND	ND	ND	ND	ND
Di-butyl phthalate	DBP	%	0.1	ND	ND	ND	ND	ND
Di-(2-ethylhexyl) phthalate	DEHP	%	0.1	ND	ND	ND	ND	ND
Di-iso-decyl phthalate	DIDP	%	0.1	ND	ND	ND	ND	ND
Di-iso-nonyl phthalate	DINP	%	0.1	ND	ND	ND	ND	ND
Di-n-hexyl phthalate	DNHP	%	0.1	ND	ND	ND	ND	ND
Conclusion		-	-	PASS	PASS	PASS	PASS	PASS

-	Abbrev.	Unit	Permissible Limit	Result	
Test Item(s)	-	-	-	11	12
Benzyl butyl phthalate	BBP	%	0.1	ND	ND
Di-butyl phthalate	DBP	%	0.1	ND	ND
Di-(2-ethylhexyl) phthalate	DEHP	%	0.1	ND	ND
Di-iso-decyl phthalate	DIDP	%	0.1	ND	ND
Di-iso-nonyl phthalate	DINP	%	0.1	ND	ND
Di-n-hexyl phthalate	DNHP	%	0.1	ND	ND
Conclusion		-	-	PASS	PASS

Note:

- Reporting limit (Each): 0.01 %

- ND = Not Detected

ANNEX					
Compound	Abbrev.	CASRN	Compound	Abbrev.	CASRN
Di-butyl phthalate	DBP	84-74-2	Di-iso-decyl phthalate	DIDP	68515-49-1 / 26761-40-0
Benzyl butyl phthalate	BBP	85-68-7	Di-iso-nonyl phthalate	DINP	131-18-0
Di-(2-ethylhexyl) phthalate	DEHP	117-81-7	Di-n-hexyl phthalate	DNHP	28553-12-0 / 68515-48-0

CASRN: Chemical Abstracts Service Registry Number



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## END OF REPORT

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This report sets forth our findings solely with respect to the test samples identified herein. The results in this report are not representative of the quality or characteristics of the lot/batch from which a test sample was taken or any similar or identical product unless specifically and expressly noted. The sample/s mentioned in this report is/are submitted/supplied/manufactured by the Client, GIC Testing & Inspection Services Pte. Ltd. therefore assumes no responsibility for the accuracy of information on the brand name, model/ style number, consignment or any information supplied. Unless otherwise stated in this report, no tests were conducted to determine long term effects of using the specific product. Any copying or replication of this report to or for any other person or entity, or use of our name or trademark, is permitted only with our prior written permission.

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