



# TEST REPORT

Report No. 0101222080035

DATED: 24 AUGUST 2022

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

**Buyer** : /

**Sample Description** : ROUND TABLE

**Product Code** : 8605

**Age Grade** : 3-6Y

**Manufacturer** : /

**Country of Origin** : THAILAND

**Country of Destination** : /

**Test Sample Received** : RECEIVED ON 16/08/2022

**Test Period** : FROM 16/08/2022 TO 24/08/2022

| 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       | -      |



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For technical enquiries or any other concerns,  
please contact:

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**PREPARED BY:**

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**APPROVED BY:**

**SUZEN CHONG**

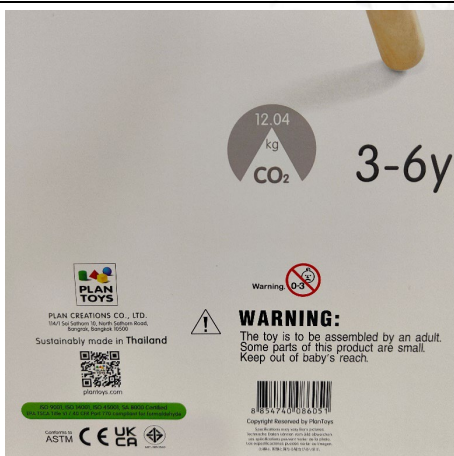
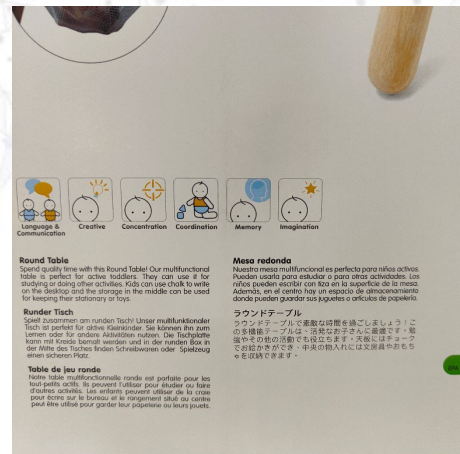
Senior Vice President

GICG - ENABLING TRUST IN A CHANGING WORLD

**GIC Testing & Inspection Services Pte Ltd**

158 Kallang Way #08-01  
Singapore 349245

## SAMPLE PHOTO







# Report No. 0101222080035

DATED: 24 AUGUST 2022

## REMARK:

As per customer request, results for chemical tests listed below were referenced from the corresponding reports, issued no more than 24 months prior to this report.

**Item Description:** 8605 ROUND TABLE

| <u>Components</u>                               | <u>Report Number</u> | <u>Date of Issue</u> |
|-------------------------------------------------|----------------------|----------------------|
| <b><u>ASTM F963-17 Soluble Heavy Metals</u></b> |                      |                      |
| WHITE MESH FABRIC                               | 010221090178         | 11 Oct 2021          |
| LACQUER COATING ON WOOD                         | 010222050135         | 06 Jun 2022          |
| DARK BROWN COATING ON WOOD                      | 010222070005         | 13 Jul 2022          |
| WHITE-CREAM RUBBER                              | 010222030023         | 10 Mar 2022          |
| CREAM PLASTIC                                   | 010222020044         | 11 Feb 2022          |
| BLACK SAWDUST                                   | 010222030021         | 10 Mar 2022          |
| CLOTH TAPE                                      | 010222050109         | 06 Jun 2022          |
| COTTON CLOTH TAPE                               | 010222020088         | 24 Feb 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          |
| <b><u>Lead in Substrate</u></b>                 |                      |                      |
| WHITE MESH FABRIC                               | 010221090178         | 11 Oct 2021          |
| WHITE-CREAM RUBBER                              | 010222030023         | 10 Mar 2022          |
| CREAM PLASTIC                                   | 010222020044         | 11 Feb 2022          |
| BLACK SAWDUST                                   | 010222030021         | 10 Mar 2022          |
| CLOTH TAPE                                      | 010222050109         | 06 Jun 2022          |
| COTTON CLOTH TAPE                               | 010222020088         | 24 Feb 2022          |
| <b><u>Phthalate Content</u></b>                 |                      |                      |
| LACQUER COATING ON WOOD                         | 010222050135         | 06 Jun 2022          |
| DARK BROWN COATING ON WOOD                      | 010222070005         | 13 Jul 2022          |
| WHITE-CREAM RUBBER                              | 010222030023         | 10 Mar 2022          |
| CREAM PLASTIC                                   | 010222020044         | 11 Feb 2022          |
| BLACK SAWDUST                                   | 010222030021         | 10 Mar 2022          |



# Report No. 0101222080035

DATED: 24 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.

| Section | 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                                  | NA          |
| 4.8     | Projections                                       | M           |
| 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. 0101222080035

DATED: 24 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.

| Test Item(s) | Item / Component Description(s) |
|--------------|---------------------------------|
| 1            | 8605 ROUND TABLE                |

| Test Item(s)      | Length of Major Axis (in) | Burn Length (in) | Burn Time (s) | Permissible Limit (in/s) | Burn Rate (in/s) | Result      |
|-------------------|---------------------------|------------------|---------------|--------------------------|------------------|-------------|
| 1                 | 22.0                      | DNI              | DNI           | 0.1                      | DNI              | DNI         |
| <b>Conclusion</b> | -                         | -                | -             | -                        | -                | <b>PASS</b> |

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            | WHITE MESH FABRIC               |
| 2            | WHITE-CREAM RUBBER              |
| 3            | CREAM PLASTIC                   |
| 4            | BLACK SAWDUST                   |
| 5            | CLOTH TAPE                      |
| 6            | COTTON CLOTH TAPE               |

| -                 | Unit  | Permissible Limit | Result      |             |             |             |             |             |
|-------------------|-------|-------------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Test Item(s)      | -     | -                 | 1           | 2           | 3           | 4           | 5           | 6           |
| Lead              | mg/kg | 100               | 2.3         | ND          | ND          | 3.8         | ND          | ND          |
| <b>Conclusion</b> | -     | -                 | <b>PASS</b> | <b>PASS</b> | <b>PASS</b> | <b>PASS</b> | <b>PASS</b> | <b>PASS</b> |

Note:

- mg/kg = milligrams per kilogram
- Reporting limit (Each): 2 mg/kg

- ND = Not Detected

### 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      |

| -                 | Unit  | Permissible Limit | Result      |             |
|-------------------|-------|-------------------|-------------|-------------|
| Test Item(s)      | -     | -                 | 1           | 2           |
| Lead              | mg/kg | 90                | ND          | 2.1         |
| <b>Conclusion</b> | -     | -                 | <b>PASS</b> | <b>PASS</b> |

Note:

- mg/kg = milligrams per kilogram
- Reporting limit (Each): 2 mg/kg

- ND = Not Detected



# Report No. 0101222080035

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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            | WHITE MESH FABRIC               |
| 2            | LACQUER COATING ON WOOD         |
| 3            | DARK BROWN COATING ON WOOD      |
| 4            | WHITE-CREAM RUBBER              |
| 5            | CREAM PLASTIC                   |
| 6            | BLACK SAWDUST                   |
| 7            | CLOTH TAPE                      |
| 8            | COTTON CLOTH TAPE               |

| -               | Unit  | Permissible Limit | Result |      |      |      |
|-----------------|-------|-------------------|--------|------|------|------|
| Test Item(s)    | -     | -                 | 1      | 2    | 3    | 4    |
| Total Lead (Pb) | mg/kg | 40                | 2.3    | ND   | 2.1  | ND   |
| Conclusion      | -     | -                 | PASS   | PASS | PASS | PASS |

| -               | Unit  | Permissible Limit | Result |      |      |      |
|-----------------|-------|-------------------|--------|------|------|------|
| Test Item(s)    | -     | -                 | 5      | 6    | 7    | 8    |
| Total Lead (Pb) | mg/kg | 40                | ND     | ND   | ND   | ND   |
| Conclusion      | -     | -                 | PASS   | PASS | PASS | PASS |

Note:

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

### 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            | WHITE MESH FABRIC               |
| 2            | LACQUER COATING ON WOOD         |
| 3            | DARK BROWN COATING ON WOOD      |
| 4            | WHITE-CREAM RUBBER              |
| 5            | CREAM PLASTIC                   |
| 6            | BLACK SAWDUST                   |
| 7            | CLOTH TAPE                      |
| 8            | COTTON CLOTH TAPE               |

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



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## TEST RESULT(S): (Continued)

| -                     | Unit  | Permissible Limit | Result      |             |             |             |
|-----------------------|-------|-------------------|-------------|-------------|-------------|-------------|
| Test Item(s)          | -     | -                 | 5           | 6           | 7           | 8           |
| Antimony (Sb)         | mg/kg | 60                | ND          | ND          | ND          | ND          |
| Arsenic (As)          | mg/kg | 25                | ND          | ND          | ND          | ND          |
| Barium (Ba)           | mg/kg | 1000              | ND          | ND          | ND          | ND          |
| Cadmium (Cd)          | mg/kg | 75                | ND          | ND          | ND          | ND          |
| Chromium III (Cr III) | mg/kg | 60                | ND          | ND          | ND          | ND          |
| Lead (Pb)             | mg/kg | 90                | ND          | ND          | ND          | ND          |
| Mercury (Hg)          | mg/kg | 60                | ND          | ND          | ND          | ND          |
| Selenium (Se)         | mg/kg | 500               | ND          | ND          | ND          | ND          |
| <b>Conclusion</b>     | -     | -                 | <b>PASS</b> | <b>PASS</b> | <b>PASS</b> | <b>PASS</b> |

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            | WHITE-CREAM RUBBER              |
| 4            | CREAM PLASTIC                   |
| 5            | BLACK SAWDUST                   |

| -                           | 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> |

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



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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            | WHITE-CREAM RUBBER              |
| 4            | CREAM PLASTIC                   |
| 5            | BLACK SAWDUST                   |

| -                           | 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 |

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

## END OF REPORT

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.