



# TEST REPORT

Report No. 010224110110R1

DATED: 31 DECEMBER 2024

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

**Buyer** : /

**Sample Description** : CONDIMENT SET

**Item No.** : 3636

**SKU No.** : /

**Model / Style** : /

**Client Specified Age Grade** : 2Y+

**Manufacturer** : /

**Country of Origin** : THAILAND

**Country of Destination** : /

**Test Sample Received** : RECEIVED 02/12/2024

**Test Period** : FROM 02/12/2024 TO 09/12/2024

\*Report was revised and shall supersede Report # 010224110110, dated 09 December 2024

| TEST REQUESTED                                                                                                                                                                                           | CONCLUSION | REMARK |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|--------|
| ASTM F963-23 – STANDARD CONSUMER SAFETY SPECIFICATION FOR TOY SAFETY (MECHANICAL AND PHYSICAL PROPERTIES)                                                                                                | PASS       | -      |
| ASTM F963-23 – STANDARD CONSUMER SAFETY SPECIFICATION FOR TOY SAFETY (FLAMMABILITY)                                                                                                                      | PASS       | -      |
| CONSUMER PRODUCT SAFETY IMPROVEMENT ACT OF 2008 SECTION 101 (F)/ 16 CFR PART 1303 / ASTM F963-23 STANDARD CONSUMER SAFETY SPECIFICATION ON TOY SAFETY SECTION 4.3.5.1(1) – TOTAL LEAD IN SURFACE COATING | PASS       | -      |
| ILCS 410 ILCS 45 LEAD POISONING PREVENTION ACT SEC. 6(B) CHILDREN'S PRODUCTS (ILLINOIS)                                                                                                                  | PASS       | -      |
| ASTM F963-23 STANDARD CONSUMER SAFETY SPECIFICATION ON TOY SAFETY SECTION 4.3.5.1(2) SOLUBLE HEAVY METALS CONTENT IN SURFACE COATING                                                                     | PASS       | -      |
| CONSUMER PRODUCT SAFETY IMPROVEMENT ACT OF 2008 SECTION 108/ 16 CFR PART 1307 / ASTM F963-23 STANDARD CONSUMER SAFETY SPECIFICATION ON TOY SAFETY SECTION 4.3.8 - 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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DATED: 31 DECEMBER 2024

## Remark:

1. The sample is tested "2Y+" as per client requested.
2. The Labeled Age Grade is 2Y+.

For technical enquiries or any other concerns,  
please contact:

**GIC TESTING & INSPECTION SERVICES PTE LTD**

Tel: +65 6741 2260

Email: [services.sg@gicgrp.com](mailto:services.sg@gicgrp.com)

## PREPARED BY:

A handwritten signature in black ink, appearing to read 'Wong Kok Leong', is placed over a white rectangular box.

**WONG KOK LEONG**

Laboratory Supervisor

## APPROVED BY:

A handwritten signature in blue ink, appearing to read 'Suzen Chong', is placed over a white rectangular box.

**SUZEN CHONG**

Senior Vice President

GICG - ENABLING TRUST IN A CHANGING WORLD

SAMPLE PHOTO



## SAMPLE PHOTO



PLAN CREATIONS CO., LTD.  
21 Soi Charoen Krung 49, Charoen Krung Road,  
Yekkaw, Sathon, Bangkok 10120  
Sustainably made in Thailand

ISO 9001, ISO 14001, ISO 45001, SA 8000 Certified



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# Report No. 010224110110R1

DATED: 31 DECEMBER 2024

## 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:** 3636 CONDIMENT SET

### Components

#### ASTM F963-23 Soluble Heavy Metals

|   |                            | <u>Report Number</u> | <u>Date of Issue</u> |
|---|----------------------------|----------------------|----------------------|
| 1 | YELLOW COATING ON WOOD     | 010223120160         | 22-Jan-24            |
| 2 | CLEAR COATING ON WOOD      | 010224060179         | 16-Jul-24            |
| 3 | GREEN COATING ON WOOD      | 010224020097         | 7-Mar-24             |
| 4 | RED COATING ON WOOD        | 010223120128         | 22-Jan-24            |
| 5 | PURPLE COATING ON WOOD     | 010224020094         | 7-Mar-24             |
| 6 | LIGHT GRAY COATING ON WOOD | 010223120161         | 22-Jan-24            |

#### Lead in Surface Coating

|   |                            |              |           |
|---|----------------------------|--------------|-----------|
| 1 | YELLOW COATING ON WOOD     | 010223120160 | 22-Jan-24 |
| 2 | CLEAR COATING ON WOOD      | 010224060179 | 16-Jul-24 |
| 3 | GREEN COATING ON WOOD      | 010224020097 | 7-Mar-24  |
| 4 | RED COATING ON WOOD        | 010223120128 | 22-Jan-24 |
| 5 | PURPLE COATING ON WOOD     | 010224020094 | 7-Mar-24  |
| 6 | LIGHT GRAY COATING ON WOOD | 010223120161 | 22-Jan-24 |

#### Phthalate Content

|   |                            |              |           |
|---|----------------------------|--------------|-----------|
| 1 | YELLOW COATING ON WOOD     | 010223120160 | 22-Jan-24 |
| 2 | CLEAR COATING ON WOOD      | 010224060179 | 16-Jul-24 |
| 3 | GREEN COATING ON WOOD      | 010224020097 | 7-Mar-24  |
| 4 | RED COATING ON WOOD        | 010223120128 | 22-Jan-24 |
| 5 | PURPLE COATING ON WOOD     | 010224020094 | 7-Mar-24  |
| 6 | LIGHT GRAY COATING ON WOOD | 010223120161 | 22-Jan-24 |



# Report No. 010224110110R1

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## TEST RESULT(S):

### ASTM F963-23 – Standard Consumer Safety Specification for Toy Safety (Mechanical and Physical Properties)

**Test Method** : Reference to ASTM F963-23.

| Clause | Requirement                                       | Result                        |
|--------|---------------------------------------------------|-------------------------------|
| 4.1    | Material quality                                  | M                             |
| 4.2    | Flammability                                      | See Results<br>Annex A5       |
| 4.3    | Toxicology                                        | M<br>4.3.5.1 (1) & (2); 4.3.8 |
| 4.4    | Electrical/Thermal Energy                         | NA                            |
| 4.5    | Sound-Producing Toys                              | NA                            |
| 4.6    | Small Objects                                     | M<br>4.6.1, 4.6.1.1           |
| 4.7    | Accessible Edges                                  | M                             |
| 4.8    | Projections                                       | NA                            |
| 4.9    | Accessible Points                                 | M<br>4.9.1, 4.9.3             |
| 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                            |



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## TEST RESULT(S): (Continued)

| Clause | Requirement              | Result        |
|--------|--------------------------|---------------|
| 5      | Labeling Requirements    | M<br>5.1, 5.2 |
| 6      | Instructional Literature | M<br>6.1      |
| 7      | Producer's Markings      | M<br>7.1      |

Note:

M = Meet

NM = Not Meet

NA = Not Applicable

R = Refer to Comment Section

NR = Not Requested

NT = Not Tested

NP = Not Present

## Flammability For Solid/ Soft Toy

**Test Method** : Reference to ASTM F963-23 Annex A5

| Test Item(s) | Item / Component Description(s) |
|--------------|---------------------------------|
| 1            | 3636 Condiment Set              |

| Test Item(s) | Length of Major Axis (in) | Burn Length (in) | Burn Time (s) | Regulatory Limit (in/s) | Burn Rate (in/s) | Result |
|--------------|---------------------------|------------------|---------------|-------------------------|------------------|--------|
| 1            | 3.1                       | 0                | 5             | 0.1                     | DNI              | 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 (f)/ 16 CFR Part 1303 / ASTM F963-23 Standard Consumer Safety Specification on Toy Safety Section 4.3.5.1(1) - Total Lead In Surface Coating

**Test Method** : Reference to ASTM F963-23 Section 8.3.1 - CPSC-CH-E1003-09.1

| Test Item(s) | Item / Component Description(s) |
|--------------|---------------------------------|
| 1            | YELLOW COATING ON WOOD          |
| 2            | CLEAR COATING ON WOOD           |
| 3            | GREEN COATING ON WOOD           |
| 4            | RED COATING ON WOOD             |
| 5            | PURPLE COATING ON WOOD          |
| 6            | LIGHT GRAY COATING ON WOOD      |

| Test Item(s) | Unit  | Permissible Limit | Result |      |      |      |      |      |
|--------------|-------|-------------------|--------|------|------|------|------|------|
|              |       |                   | 1      | 2    | 3    | 4    | 5    | 6    |
| Lead (Pb)    | mg/kg | 90                | 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



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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 ASTM F963-23 Section 8.3.1 - CPSC-CH-E1002-08.3, CPSC-CH-E1003-09.1

| Test Item(s) | Item / Component Description(s) |
|--------------|---------------------------------|
| 1            | YELLOW COATING ON WOOD          |
| 2            | CLEAR COATING ON WOOD           |
| 3            | GREEN COATING ON WOOD           |
| 4            | RED COATING ON WOOD             |
| 5            | PURPLE COATING ON WOOD          |
| 6            | LIGHT GRAY COATING ON WOOD      |

| Test Item(s)         | Unit  | Permissible Limit | Result      |             |             |             |             |             |
|----------------------|-------|-------------------|-------------|-------------|-------------|-------------|-------------|-------------|
|                      |       |                   | 1           | 2           | 3           | 4           | 5           | 6           |
| Lead (Pb) in coating | mg/kg | 90*               | ND          | ND          | ND          | ND          | 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
- \* Result over 40 mg/kg – 90 mg/kg in coating and 40 mg/kg – 100 mg/kg in substrate, warning label must be added

### ASTM F963-23 Standard Consumer Safety Specification on Toy Safety Section 4.3.5.1(2) - Soluble Heavy Metals Content in Surface Coating

**Test Method** : Reference to ASTM F963-23, Sections 8.3.2 to 8.3.4.

| Test Item(s) | Item / Component Description(s) |
|--------------|---------------------------------|
| 1            | YELLOW COATING ON WOOD          |
| 2            | CLEAR COATING ON WOOD           |
| 3            | GREEN COATING ON WOOD           |
| 4            | RED COATING ON WOOD             |
| 5            | PURPLE COATING ON WOOD          |
| 6            | LIGHT GRAY COATING ON WOOD      |

| Soluble Element(s)                     | As        | Ba           | Cd        | Cr        | Hg        | Pb        | Sb        | Se         |
|----------------------------------------|-----------|--------------|-----------|-----------|-----------|-----------|-----------|------------|
| <b>Maximum Allowable Limit (mg/kg)</b> | <b>25</b> | <b>1 000</b> | <b>75</b> | <b>60</b> | <b>60</b> | <b>90</b> | <b>60</b> | <b>500</b> |
| <b>Analytical Correction (%)</b>       | <b>60</b> | <b>30</b>    | <b>30</b> | <b>30</b> | <b>50</b> | <b>30</b> | <b>60</b> | <b>60</b>  |

| -                 | Unit  | Result      |             |             |             |             |             |
|-------------------|-------|-------------|-------------|-------------|-------------|-------------|-------------|
| Test Item(s)      | -     | 1           | 2           | 3           | 4           | 5           | 6           |
| Parameter         | -     | -           | -           | -           | -           | -           | -           |
| Arsenic (As)      | mg/kg | ND          | ND          | ND          | ND          | ND          | ND          |
| Barium (Ba)       | mg/kg | ND          | ND          | ND          | 6.0         | ND          | 13.9        |
| Cadmium (Cd)      | mg/kg | ND          | ND          | ND          | ND          | ND          | ND          |
| Chromium (Cr)     | mg/kg | ND          | ND          | ND          | ND          | ND          | ND          |
| Mercury (Hg)      | mg/kg | ND          | ND          | ND          | ND          | ND          | ND          |
| Lead (Pb)         | mg/kg | ND          | ND          | ND          | ND          | ND          | ND          |
| Antimony (Sb)     | mg/kg | ND          | ND          | ND          | ND          | ND          | ND          |
| Selenium (Se)     | mg/kg | ND          | ND          | ND          | ND          | ND          | ND          |
| <b>Conclusion</b> | -     | <b>PASS</b> | <b>PASS</b> | <b>PASS</b> | <b>PASS</b> | <b>PASS</b> | <b>PASS</b> |

Note / Key:

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



# Report No. 010224110110R1

DATED: 31 DECEMBER 2024

## TEST RESULT(S): (Continued)

**Consumer Product Safety Improvement Act Of 2008 Section 108/ 16 CFR Part 1307 / ASTM F963-23  
Standard Consumer Safety Specification on Toy Safety Section 4.3.8 - Phthalates**

**Test Method** : Reference to ASTM F963-23 Section 4.3.8.1- CPSC-CH-C1001-09.4

| Test Item(s) | Item / Component Description(s) |
|--------------|---------------------------------|
| 1            | YELLOW COATING ON WOOD          |
| 2            | CLEAR COATING ON WOOD           |
| 3            | GREEN COATING ON WOOD           |
| 4            | RED COATING ON WOOD             |
| 5            | PURPLE COATING ON WOOD          |
| 6            | LIGHT GRAY COATING ON WOOD      |

| -                           | Abbrev. | Unit | Permissible Limit | Result |      |      |      |      |      |
|-----------------------------|---------|------|-------------------|--------|------|------|------|------|------|
| Test Item(s)                | -       | -    | -                 | 1      | 2    | 3    | 4    | 5    | 6    |
| Di-iso-butyl phthalate      | DIBP    | %    | 0.1               | ND     | ND   | ND   | ND   | ND   | ND   |
| Di-butyl phthalate          | DBP     | %    | 0.1               | ND     | ND   | ND   | ND   | ND   | ND   |
| Di-n-pentyl phthalate       | DPENP   | %    | 0.1               | ND     | ND   | ND   | ND   | ND   | ND   |
| Di-n-hexyl phthalate        | DHEXP   | %    | 0.1               | ND     | ND   | ND   | ND   | ND   | ND   |
| Di-cyclohexyl phthalate     | DCHP    | %    | 0.1               | ND     | ND   | ND   | ND   | ND   | ND   |
| Di-(2-ethylhexyl) phthalate | DEHP    | %    | 0.1               | ND     | ND   | ND   | ND   | ND   | ND   |
| Benzyl butyl phthalate      | BBP     | %    | 0.1               | ND     | ND   | ND   | ND   | ND   | ND   |
| Di-iso-nonyl phthalate      | DINP    | %    | 0.1               | ND     | ND   | ND   | ND   | ND   | ND   |
| Di-n-octyl phthalate        | DNOP    | %    | 0.1               | ND     | ND   | ND   | ND   | ND   | ND   |
| Di-iso-decyl phthalate      | DIDP    | %    | 0.1               | ND     | ND   | ND   | ND   | ND   | ND   |
| Conclusion                  |         | -    | -                 | PASS   | PASS | PASS | PASS | PASS | PASS |

**Note:**

- Reporting limit (Each): 0.01 %
- ND = Not Detected
- Phthalate requirements are quoted in accordance with 16 CFR 1307, while Di-n-octyl phthalate (DNOP) and Di-iso-decyl phthalate (DIDP) were tested upon client request.

| ANNEX                       |         |          |                         |         |                         |
|-----------------------------|---------|----------|-------------------------|---------|-------------------------|
| Compound                    | Abbrev. | CASRN    | Compound                | Abbrev. | CASRN                   |
| Di-iso-butyl phthalate      | DIBP    | 84-69-5  | Di-iso-nonyl phthalate  | DINP    | 28553-12-0 / 68515-48-0 |
| Di-butyl phthalate          | DBP     | 84-74-2  | Di-iso-decyl phthalate  | DIDP    | 68515-49-1 / 26761-40-0 |
| Di-n-pentyl phthalate       | DPENP   | 131-18-0 | Di-n-hexyl phthalate    | DHEXP   | 84-75-3                 |
| Benzyl butyl phthalate      | BBP     | 85-68-7  | Di-n-octyl phthalate    | DNOP    | 117-84-0                |
| Di-(2-ethylhexyl) phthalate | DEHP    | 117-81-7 | Di-cyclohexyl phthalate | DCHP    | 84-61-7                 |

CASRN: Chemical Abstracts Service Registry Number



# Report No. 010224110110R1

DATED: 31 DECEMBER 2024

## TEST RESULT(S): (Continued)

### California Proposition 65 – Phthalate Content

Test Method : Reference to ASTM F963-23 Section 4.3.8.1- CPSC-CH-C1001-09.4

| Test Item(s) | Item / Component Description(s) |
|--------------|---------------------------------|
| 1            | YELLOW COATING ON WOOD          |
| 2            | CLEAR COATING ON WOOD           |
| 3            | GREEN COATING ON WOOD           |
| 4            | RED COATING ON WOOD             |
| 5            | PURPLE COATING ON WOOD          |
| 6            | LIGHT GRAY COATING ON WOOD      |

| -                           | Abbrev.      | Unit | Permissible Limit | Result |      |      |      |      |      |
|-----------------------------|--------------|------|-------------------|--------|------|------|------|------|------|
| Test Item(s)                | -            | -    | -                 | 1      | 2    | 3    | 4    | 5    | 6    |
| Benzyl butyl phthalate      | BBP          | %    | 0.1               | ND     | ND   | ND   | ND   | ND   | ND   |
| Di-butyl phthalate          | DBP          | %    | 0.1               | ND     | ND   | ND   | ND   | ND   | ND   |
| Di-(2-ethylhexyl) phthalate | DEHP         | %    | 0.1               | ND     | ND   | ND   | ND   | ND   | ND   |
| Di-iso-nonyl phthalate      | DINP         | %    | 0.1               | ND     | ND   | ND   | ND   | ND   | ND   |
| Di-iso-decyl phthalate      | DIDP         | %    | 0.1               | ND     | ND   | ND   | ND   | ND   | ND   |
| Di-n-hexyl phthalate        | DHEXP / DnHP | %    | 0.1               | ND     | ND   | ND   | ND   | ND   | ND   |
| Conclusion                  |              | -    | -                 | PASS   | PASS | PASS | PASS | PASS | PASS |

Note:

- Reporting limit (Each): 0.01 %

- ND = Not Detected

| ANNEX                  |         |            |                             |              |            |
|------------------------|---------|------------|-----------------------------|--------------|------------|
| Compound               | Abbrev. | CAS no.    | Compound                    | Abbrev.      | CAS no.    |
| Di-butyl phthalate     | DBP     | 84-74-2    | Di-(2-ethylhexyl) phthalate | DEHP         | 117-81-7   |
| Benzyl butyl phthalate | BBP     | 85-68-7    | Di-n-hexyl phthalate        | DHEXP / DnHP | 84-75-3    |
| Di-iso-nonyl phthalate | DINP    | 28553-12-0 | Di-iso-decyl phthalate      | DIDP         | 26761-40-0 |

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.