



TEST REPORT

Report No. 010121010028R1

Dated JAN 26, 2021

Client : PLAN CREATIONS CO., LTD.
8 MOO 8, TRANG-PALIAN RD.,
YANTAKAO, TRANG 92140
ATTN: MS RATCHADA KONGTHON

Buyer : /

Test Sample Received : RECEIVED ON 04/01/2021

Test Period : FROM 04/01/2021 TO 08/01/2021

Sample Description : MINI CAR SET

Product Code : 6286

Age Grade : 3Y+

Manufacturer : /

Country of Destination : /

Country of Origin : THAILAND

**Report was revised to change sample photo as per client request and shall supersede Report 010121010028, dated 08 Jan 2021.*

| TEST REQUESTED | CONCLUSION | REMARK |
|---|------------|--------|
| ASTM F963-17 – STANDARD CONSUMER SAFETY SPECIFICATION FOR TOY SAFETY (MECHANICAL AND PHYSICAL PROPERTIES) | PASS | - |
| CPSC 2020 AGE DETERMINATION GUIDELINES | DATA | - |
| 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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APPROVED BY:

SUZEN CHONG
SENIOR VICE PRESIDENT

SAMPLE PHOTO



SAMPLE PHOTO

| | |
|---|---|
| <p>Mini Car Set Take a ride around the city with the Mini Car Set! Designed using colorful solid wood in a minimal style. This play set includes 5 different vehicles: a bus, van, truck, and two cars with different shape.</p> <p>Miniautos Set Fahren Sie mit dem Miniautos Set durch die Stadt! Hergestellt aus buntem Massivholz in einfachem Stil. Dieses Spielset enthält fünf verschiedene Fahrzeuge: einen Bus, einen Van, einen LKW und zwei Autos in unterschiedlicher Form.</p> <p>Set de mini voiture</p> | <p>mini coches un paseo por la ciudad con el set de minicoches! Diseñado con madera maciza de colores en un estilo minimalista. Este juego incluye vehículos diferentes: un autobús, una furgoneta, un camión y dos coches con diferentes formas.</p> <p>カーセット プランクワールドカーで街をドライブしましょう! 無垢の木とプラックの両方を取り入れたデザインです。5種の異なる車両のセット(バス、バン、トラック、2種の車)。</p> <p>Warning 0-3</p> |
| | <p>8 854740 062864 All Rights Reserved © 2021</p> <p>Specifications may vary from pictures. Technische Daten können vom Bild abweichen. Las especificaciones pueden variar de la photo. 仕様は、画像と異なる場合があります。</p> |
| <p>PLAN CREATIONS CO., LTD. 114/1 Soi Sathorn 10, North Sathorn Road, Bangkok, Bangkok 10500</p> <p>Sustainably made in Thailand</p> <p>ISO 9001, ISO 14001, ISO 45001, SA 8000 Certified</p> <p>Conforms to ASTM</p> | |
| | |



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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 | 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 | M |
| 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 | NA |
| 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



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TEST RESULT(S): (Continued)

CPSC 2020 Age Determination Guidelines

Test Method : Reference to CPSC 2020 Age Determination Guidelines.

| Claimed Age Grade | Recommended Age Grade |
|-------------------|-----------------------|
| 3Y+ | 3Y+ |

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 | 6286 Mini Car Set |

| Test Item(s) | Length of Major Axis (in) | Burn Time (s) | Req. (in/s) | Burn Rate (in/s) | Result |
|-------------------|---------------------------|---------------|-------------|------------------|-------------|
| 1 | 2.13 | DNI | 0.1 | DNI | 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 | Black rubber |
| 2 | White plastic |

| | Unit | Req. | Result | |
|-------------------|-------|------|-------------|-------------|
| Test Item(s) | - | - | 1 | 2 |
| Lead | mg/kg | 100 | ND | ND |
| Conclusion | - | - | PASS | PASS |

Note:

- mg/kg = milligrams per kilogram

- ND = Not Detected

- Reporting limit (Each): 10 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 | Light gray coating on wood |
| 2 | Dark brown coating on wood |
| 3 | Dark yellow coating on wood |
| 4 | Light blue coating on wood |
| 5 | Dark blue coating on wood |
| 6 | Red coating on wood |



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TEST RESULT(S): (Continued)

| - | Unit | Req. | Result | | | | | |
|-------------------|-------|------|-------------|-------------|-------------|-------------|-------------|-------------|
| Test Item(s) | - | - | 1 | 2 | 3 | 4 | 5 | 6 |
| Lead | mg/kg | 90 | ND | ND | ND | ND | ND | ND |
| Conclusion | - | - | PASS | PASS | PASS | PASS | PASS | PASS |

Note:

- mg/kg = milligrams per kilogram
- Reporting limit (Each): 10 mg/kg
- ND = Not Detected

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 | Black rubber |
| 2 | White plastic |
| 3 | Light gray coating on wood |
| 4 | Dark brown coating on wood |
| 5 | Dark yellow coating on wood |
| 6 | Light blue coating on wood |
| 7 | Dark blue coating on wood |
| 8 | Red coating on wood |

| - | Unit | Req. | Result | | | |
|-------------------|-------|------|-------------|-------------|-------------|-------------|
| Test Item(s) | - | - | 1 | 2 | 3 | 4 |
| Total Lead (Pb) | mg/kg | 40 | ND | ND | ND | ND |
| Conclusion | - | - | PASS | PASS | PASS | PASS |

| - | Unit | Req. | 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
- Reporting limit (Each): 10 mg/kg
- ND = Not Detected

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 | Black rubber |
| 2 | White plastic |
| 3 | Light gray coating on wood |
| 4 | Dark brown coating on wood |
| 5 | Dark yellow coating on wood |
| 6 | Light blue coating on wood |
| 7 | Dark blue coating on wood |
| 8 | Red coating on wood |



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TEST RESULT(S): (Continued)

| Test Item(s) | Unit | Req. | Result | | | |
|-----------------------|-------|------|-------------|-------------|-------------|-------------|
| | | | 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 | 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 |
| Conclusion | - | - | PASS | PASS | PASS | PASS |

| Test Item(s) | Unit | Req. | Result | | | |
|-----------------------|-------|------|-------------|-------------|-------------|-------------|
| | | | 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 |
| Conclusion | - | - | PASS | PASS | PASS | PASS |

Note:

- mg/kg = milligrams per kilogram
- Reporting limit (each) = 10 mg/kg
- ND = Not Detected

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 | Black rubber |
| 2 | White plastic |
| 3 | Light gray coating on wood |
| 4 | Dark brown coating on wood |
| 5 | Dark yellow coating on wood |
| 6 | Light blue coating on wood |
| 7 | Dark blue coating on wood |
| 8 | Red coating on wood |

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



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TEST RESULT(S): (Continued)

| Test Item(s) | Abbrev. | Unit | Req. | Result | | | |
|-----------------------------|---------|------|------|-------------|-------------|-------------|-------------|
| | | | | 5 | 6 | 7 | 8 |
| Di-(2-ethylhexyl) phthalate | DEHP | % | 0.1 | ND | ND | ND | ND |
| Di-butyl phthalate | DBP | % | 0.1 | ND | ND | ND | ND |
| Benzyl butyl phthalate | BBP | % | 0.1 | ND | ND | ND | ND |
| Di-iso-nonyl phthalate | DINP | % | 0.1 | ND | ND | ND | ND |
| Di-iso-butyl phthalate | DIBP | % | 0.1 | ND | ND | ND | ND |
| Di-n-pentyl phthalate | DPENP | % | 0.1 | ND | ND | ND | ND |
| Di-n-hexyl phthalate | DHEXP | % | 0.1 | ND | ND | ND | ND |
| Di-cyclohexyl phthalate | DCHP | % | 0.1 | ND | ND | ND | ND |
| Conclusion | | - | - | PASS | PASS | PASS | PASS |

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

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 | Black rubber |
| 2 | White plastic |
| 3 | Light gray coating on wood |
| 4 | Dark brown coating on wood |
| 5 | Dark yellow coating on wood |
| 6 | Light blue coating on wood |
| 7 | Dark blue coating on wood |
| 8 | Red coating on wood |

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



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TEST RESULT(S): (Continued)

| Test Item(s) | Abbrev. | Unit | Req. | Result | | | |
|-----------------------------|---------|------|------|-------------|-------------|-------------|-------------|
| | | | | 5 | 6 | 7 | 8 |
| Benzyl butyl phthalate | BBP | % | 0.1 | ND | ND | ND | ND |
| Di-butyl phthalate | DBP | % | 0.1 | ND | ND | ND | ND |
| Di-(2-ethylhexyl) phthalate | DEHP | % | 0.1 | ND | ND | ND | ND |
| Di-iso-decyl phthalate | DIDP | % | 0.1 | ND | ND | ND | ND |
| Di-iso-nonyl phthalate | DINP | % | 0.1 | ND | ND | ND | ND |
| Di-n-hexyl phthalate | DNHP | % | 0.1 | ND | ND | ND | ND |
| Conclusion | - | - | - | 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.