



TEST REPORT

Report No. 010221110060

Dated DEC 17, 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 11/12/2021

Test Period : FROM 11/12/2021 TO 17/12/2021

Sample Description : PET CARE SET

Product Code : 3491

Age Grade : 3Y+

Manufacturer : /

Country of Destination : /

Country of Origin : THAILAND

| TEST REQUESTED | CONCLUSION | REMARK |
|---|------------|--------|
| EN 71-1:2014+A1:2018 – PHYSICAL AND MECHANICAL PROPERTIES | PASS | - |
| ISO 8124-8:2016 AGE DETERMINATION GUIDELINES | DATA | - |
| EN 71-2:2020 – FLAMMABILITY | PASS | - |
| EN 71-3:2019+A1:2021 – MIGRATION OF CERTAIN ELEMENTS | PASS | - |

For technical enquiries or any other concerns, please contact:

GIC TESTING & INSPECTION SERVICES

Tel: +65 6741 2260

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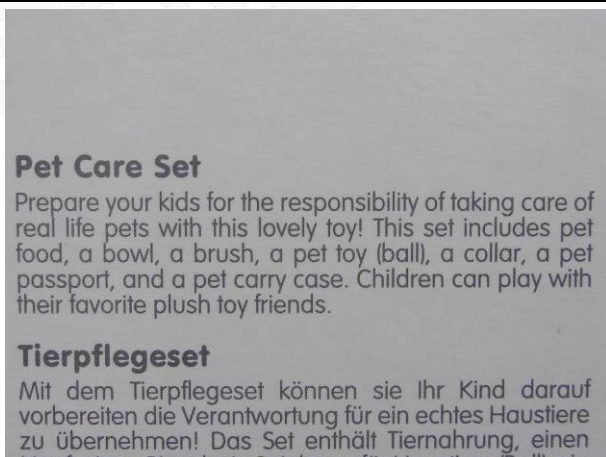
PREPARED BY:

EDMUND YAP
LABORATORY MANAGER

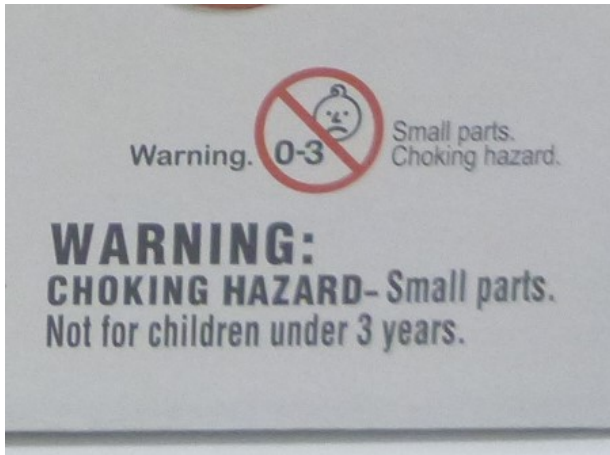
APPROVED BY:

SUZEN CHONG
SENIOR VICE PRESIDENT

SAMPLE PHOTO



SAMPLE PHOTO





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SAMPLE PHOTO





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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: 3491 PET CARE SET

| Components | Report Number | Date of Issue |
|---|---------------|---------------|
| EN 71-3:2019+A1:2021 Migration of Certain Elements | | |
| SOLID WOOD | 010221060154 | 01 Jul 2021 |
| ORANGE COATING ON WOOD (165) | 010221080049 | 20 Aug 2021 |
| DARK GRAY FABRIC | 010121020077 | 24 Feb 2021 |
| LABEL FABRIC | 010221060163 | 02 Jul 2021 |
| CREAM FABRIC | 010221060164 | 02 Jul 2021 |
| WHITE FABRIC WITH BLUE PRINT | 010221070019 | 12 Jul 2021 |
| WHITE MESH FABRIC | 010221090178 | 11 Oct 2021 |
| WHITE PLASTIC (VELCRO) | 010221060162 | 02 Jul 2021 |
| ART PAPER (3491) | 010221110162 | 24 Nov 2021 |
| CREAM CORD | 010221070020 | 12 Jul 2021 |
| CLOTH TAPE | 010121010052 | 19 Jan 2021 |
| CREAM FABRIC | 010221090102 | 14 Sep 2021 |
| DARK BROWN COATING ON WOOD | 010221070114 | 16 Jul 2021 |
| ORANGE COATING ON WOOD (151) | 010121020068 | 24 Feb 2021 |
| LIGHT BLUE COATING ON WOOD | 010221070115 | 16 Jul 2021 |
| SAWDUST WOOD | 010221060153 | 01 Jul 2021 |



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TEST RESULT(S):

EN 71-1:2014+A1:2018 – Physical and Mechanical Properties

Test Method : Reference to EN 71-1:2014+A1:2018.

| Test Item(s) | Item / Component Description(s) |
|--------------|---------------------------------|
| 1 | 3491 PET CARE SET |

| Clause | Requirement | Result |
|-----------|--|--------|
| | | 1 |
| 4.1 | Material cleanliness | M |
| 4.2 | Assembly | NA |
| 4.3 | Flexible plastic sheeting | NA |
| 4.4 | Toy bags | NA |
| 4.5 | Glass | NA |
| 4.6 | Expanding materials | NA |
| 4.7 | Edges | NA |
| 4.8 | Points and metallic wires | M |
| 4.8 e) | Splinters | M |
| 4.9 | Protruding parts | NA |
| 4.10 | Parts moving against each other | NA |
| 4.11 | Mouth actuated toys and other toys intended to be put in the mouth | NA |
| 4.12 | Balloons | NA |
| 4.13 | Cord of toy kites and other flying toys | NA |
| 4.14 | Toys which a child can enter | NA |
| 4.15 | Toys intended to bear the mass of a child | NA |
| 4.16 | Heavy immobile toys | NA |
| 4.17 | Projectiles | NA |
| 4.18 | Aquatic toys and inflatable toys | NA |
| 4.19 | Percussion caps | NA |
| 4.20 | Acoustics | M |
| 4.20.2.2 | Close-to-the-ear toys | NA |
| 4.20.2.3 | Table-top or floor toys | NA |
| 4.20.2.4 | Hand-held toys | M |
| 4.20.2.5 | Toys using headphones or earphones | NA |
| 4.20.2.6 | Rattles | NA |
| 4.20.2.7 | Squeeze toys | NA |
| 4.20.2.8 | Pull-along or push toys | NA |
| 4.20.2.9 | Percussion toys | NA |
| 4.20.2.10 | Wind toys | NA |
| 4.20.2.11 | Cap-firing toys | NA |
| 4.20.2.12 | Voice toys | NA |
| 4.21 | Toys containing a non-electrical heat source | NA |
| 4.22 | Small balls | NA |
| 4.23 | Magnets | NA |
| 4.24 | Yo-yo balls | NA |
| 4.25 | Toys attached to food | NA |
| 5 | Toys intended for children under 36 months | NA |
| 6 | Packaging | NA |
| 7 | Warning, instructions for use | M |



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TEST RESULT(S): (Continued)

| Test Item(s) | 3491 PET CARE SET | | |
|---|-------------------|------|--------|
| | Req. | Unit | Result |
| A-weighted time-averaged emission sound pressure level (L_{pA}) | 90 | dB | 68.5 |
| C-weighted peak emission sound pressure level (L_{pCpeak}) | 110 | dB | 67.1 |
| 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

ISO 8124-8:2016 Age Determination Guidelines

Test Method : Reference to ISO 8124-8:2016.

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

EN 71-2:2020 - Flammability

Test Method : Reference to EN 71-2:2020.

| Test Item(s) | Item / Component Description(s) | |
|--------------|---------------------------------|--|
| 1 | 3491 PET CARE SET | |

| Subclause | Requirement | Result |
|-----------|-------------------------------|--------|
| 4.1 | General requirement | PASS |
| | Celluloid (cellulose nitrate) | NP |

ote:

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

EN 71-3:2019+A1:2021 – Migration of Certain Elements

Test Method : Reference to BS EN 71-3:2019+A1:2021 Analysis by ICP-MS.

| Test Item(s) | Item / Component Description(s) |
|--------------|---------------------------------|
| 1 | SOLID WOOD |
| 2 | ORANGE COATING ON WOOD (165) |
| 3 | DARK GRAY FABRIC |
| 4 | LABEL FABRIC |
| 5 | CREAM FABRIC |
| 6 | WHITE FABRIC WITH BLUE PRINT |
| 7 | WHITE MESH FABRIC |
| 8 | WHITE PLASTIC (VELCRO) |
| 9 | ART PAPER (3491) |
| 10 | CREAM CORD |
| 11 | CLOTH TAPE |
| 12 | CREAM FABRIC |
| 13 | DARK BROWN COATING ON WOOD |
| 14 | ORANGE COATING ON WOOD (151) |
| 15 | LIGHT BLUE COATING ONWOOD |
| 16 | SAWDUST WOOD |



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TEST RESULT(S): (Continued)

| | | |
|---|--------------|--|
| See Soluble Element and its corresponding Maximum Allowable Limit in Result Table | Category I | Pliable modelling materials or other solid materials intended to leave a trace appearing in the toy |
| | Category II | Liquid paints/inks and other similar materials appearing as such in the toy (e.g. bubble solution), and glue sticks |
| | Category III | Coatings, polymeric materials (e.g. plastics), paper, textiles, glass, ceramic, metallic, wood and other solid materials |

| - | Unit | Req. | Result | | | | |
|-----------------------|-------|--------|--------|------|------|------|------|
| Test Item(s) | - | - | 1 | 2 | 3 | 4 | 5 |
| Category Type | - | III | III | III | III | III | III |
| Aluminium (Al) | mg/kg | 28130 | ND | 13 | ND | ND | ND |
| Antimony (Sb) | mg/kg | 560 | ND | ND | ND | ND | ND |
| Arsenic (As) | mg/kg | 47 | ND | ND | ND | ND | ND |
| Barium (Ba) | mg/kg | 18750 | ND | ND | ND | ND | ND |
| Boron (B) | mg/kg | 15000 | ND | ND | ND | 14 | ND |
| Cadmium (Cd) | mg/kg | 17 | ND | ND | ND | ND | ND |
| Chromium III (Cr III) | mg/kg | 460 | 0.04 | 0.82 | 0.07 | ND | ND |
| Chromium VI (Cr VI) | mg/kg | 0.053 | ND | ND | ND | ND | ND |
| Cobalt (Co) | mg/kg | 130 | ND | ND | ND | ND | ND |
| Copper (Cu) | mg/kg | 7700 | ND | ND | ND | ND | ND |
| Lead (Pb) | mg/kg | 23 | ND | 1.29 | ND | ND | ND |
| Manganese (Mn) | mg/kg | 15000 | 16 | 11 | ND | 10 | ND |
| Mercury (Hg) | mg/kg | 94 | ND | ND | ND | ND | ND |
| Nickel (Ni) | mg/kg | 930 | ND | ND | ND | ND | ND |
| Selenium (Se) | mg/kg | 460 | ND | ND | ND | ND | ND |
| Strontium (Sr) | mg/kg | 56000 | ND | ND | ND | ND | ND |
| Tin (Sn) | mg/kg | 180000 | ND | ND | ND | ND | ND |
| Organic tin | mg/kg | 12 | ND | ND | ND | ND | ND |
| Zinc (Zn) | mg/kg | 46000 | ND | ND | ND | ND | ND |
| Conclusion | - | - | PASS | PASS | PASS | PASS | PASS |

| - | Unit | Req. | Result | | | | |
|-----------------------|-------|--------|--------|------|------|------|------|
| Test Item(s) | - | - | 6 | 7 | 8 | 9 | 10 |
| Category Type | - | III | III | III | III | III | III |
| Aluminium (Al) | mg/kg | 28130 | ND | ND | ND | ND | ND |
| Antimony (Sb) | mg/kg | 560 | ND | ND | ND | ND | ND |
| Arsenic (As) | mg/kg | 47 | ND | ND | ND | 5.02 | ND |
| Barium (Ba) | mg/kg | 18750 | ND | ND | ND | ND | ND |
| Boron (B) | mg/kg | 15000 | ND | 10 | ND | ND | ND |
| Cadmium (Cd) | mg/kg | 17 | ND | ND | ND | ND | ND |
| Chromium III (Cr III) | mg/kg | 460 | ND | 0.1 | ND | 0.21 | ND |
| Chromium VI (Cr VI) | mg/kg | 0.053 | ND | ND | ND | ND | ND |
| Cobalt (Co) | mg/kg | 130 | ND | ND | ND | ND | ND |
| Copper (Cu) | mg/kg | 7700 | ND | ND | ND | ND | ND |
| Lead (Pb) | mg/kg | 23 | ND | ND | ND | ND | ND |
| Manganese (Mn) | mg/kg | 15000 | ND | ND | ND | ND | ND |
| Mercury (Hg) | mg/kg | 94 | ND | ND | ND | ND | ND |
| Nickel (Ni) | mg/kg | 930 | ND | ND | ND | 17 | ND |
| Selenium (Se) | mg/kg | 460 | ND | ND | ND | ND | ND |
| Strontium (Sr) | mg/kg | 56000 | ND | ND | ND | 25 | ND |
| Tin (Sn) | mg/kg | 180000 | ND | ND | ND | ND | ND |
| Organic tin | mg/kg | 12 | ND | ND | ND | ND | ND |
| Zinc (Zn) | mg/kg | 46000 | ND | ND | ND | ND | ND |
| Conclusion | - | - | PASS | PASS | PASS | PASS | PASS |



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TEST RESULT(S): (Continued)

| - | Unit | Req. | Result | | | | | |
|-----------------------|-------|--------|--------|------|------|------|------|------|
| Test Item(s) | - | - | 11 | 12 | 13 | 14 | 15 | 16 |
| Category Type | - | III | III | III | III | III | III | III |
| Aluminium (Al) | mg/kg | 28130 | ND | ND | 61 | 88 | 22 | 17 |
| Antimony (Sb) | mg/kg | 560 | ND | ND | ND | ND | ND | ND |
| Arsenic (As) | mg/kg | 47 | ND | ND | ND | ND | ND | ND |
| Barium (Ba) | mg/kg | 18750 | ND | ND | 92 | 193 | ND | ND |
| Boron (B) | mg/kg | 15000 | ND | ND | ND | ND | ND | 23 |
| Cadmium (Cd) | mg/kg | 17 | ND | ND | ND | ND | ND | ND |
| Chromium III (Cr III) | mg/kg | 460 | 0.12 | 0.07 | 0.62 | 0.48 | 0.63 | ND |
| Chromium VI (Cr VI) | mg/kg | 0.053 | ND | ND | ND | ND | ND | ND |
| Cobalt (Co) | mg/kg | 130 | ND | ND | ND | ND | ND | ND |
| Copper (Cu) | mg/kg | 7700 | ND | ND | ND | ND | ND | ND |
| Lead (Pb) | mg/kg | 23 | ND | ND | ND | ND | ND | ND |
| Manganese (Mn) | mg/kg | 15000 | ND | ND | ND | ND | ND | ND |
| Mercury (Hg) | mg/kg | 94 | ND | ND | ND | ND | ND | ND |
| Nickel (Ni) | mg/kg | 930 | ND | ND | ND | ND | ND | ND |
| Selenium (Se) | mg/kg | 460 | ND | ND | ND | ND | ND | ND |
| Strontium (Sr) | mg/kg | 56000 | ND | ND | ND | ND | ND | ND |
| Tin (Sn) | mg/kg | 180000 | 1.73 | ND | ND | 1.37 | ND | ND |
| Organic tin | mg/kg | 12 | ND | ND | ND | ND | ND | ND |
| Zinc (Zn) | mg/kg | 46000 | ND | ND | ND | ND | ND | ND |
| Conclusion | - | - | PASS | PASS | PASS | PASS | PASS | PASS |

Note:

- mg/kg = milligram per kilogram
- ND = Not Detected
- Reporting limit for Cr (III), Cr (VI) = 0.02 mg/kg, and for Tin and Organic Tin = 0.9 mg/kg
- Reporting limit for Pb = 1.0 mg/kg, for As, Cd = 0.5 mg/kg
- Reporting limit for Al, Sb, Ba B, Co, Hg, Cu, Mn, Ni, Se, Sr, Zn = 10.0 mg/kg
- Confirmation test of chromium (III) is not required in case of chromium does not exceed their requirements as specified in EN 71-3:2019+A1:2021.

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.