



TEST REPORT

Report No. 010222050118

DATED: 25 JULY 2022

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

Buyer : /

Sample Description : CHEF SET

Item No. : 3710

SKU No. : /

Model / Style : /

Age Grade : 3Y+

Manufacturer : /

Country of Origin : THAILAND

Country of Destination : /

Test Sample Received : RECEIVED ON 19/07/2022

Test Period : FROM 19/07/2022 TO 25/07/2022

| TEST REQUESTED | CONCLUSION | REMARK |
|---|------------|--------|
| EN 71-1:2014+A1:2018 – PHYSICAL AND MECHANICAL PROPERTIES | PASS | - |
| EN 71-2:2020 – FLAMMABILITY | PASS | - |
| EN 71-3:2019+A1:2021 – MIGRATION OF CERTAIN ELEMENTS | PASS | - |

For technical enquiries or any other concerns,
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EDMUND YAP

Laboratory Manager

APPROVED BY:

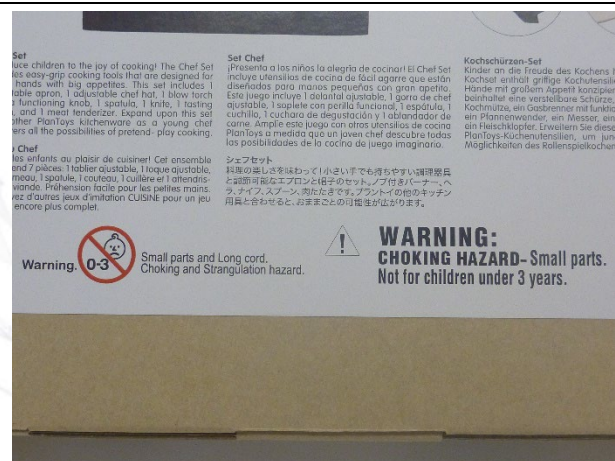
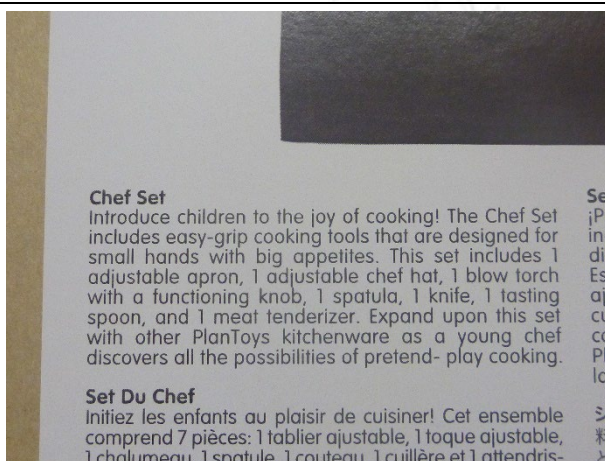
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Singapore 349245

SAMPLE PHOTO



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: 3710 CHEF SET

Components

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

SOLID WOOD
LACQUER COATING ON WOOD
LIGHT GRAY COATING ON WOOD
LIGHT YELLOW PLASTIC
WHITE FABRIC
DARK GRAY FABRIC
CREAM FABRIC
LABEL FABRIC
WHITE PLASTIC (VELCRO)
BROWN PLASTIC
WHITE PLASTIC JOINT
COTTON CLOTH TAPE
BLUE RUBBER
WHITE COATING ON WOOD
DARK BLUE COATING ON WOOD
RED COATING ON WOOD
GRAY SAWDUST (PASTEL)

Report Number

010222050105
010222050135
010222070004
010222030024
010222050106
010222030020
010222070003
010222050106
010222050112
010222010002
010221120050
010222020088
010221100102
010222030086
010221120062
010222050135
010221080094

Date of Issue

06 Jun 2022
06 Jun 2022
13 Jul 2022
10 Mar 2022
06 Jun 2022
10 Mar 2022
13 Jul 2022
06 Jun 2022
06 Jun 2022
12 Jan 2022
21 Dec 2021
24 Feb 2022
26 Oct 2021
06 Apr 2022
23 Dec 2021
06 Jun 2022
31 Aug 2021



Report No. 010222050118

DATED: 25 JULY 2022

TEST RESULT(S):

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

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

| Clause | Requirement | Result |
|--------|--|--------|
| 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 | M |
| 4.8 | Points and metallic wires | NA |
| 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 propelled by 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 | 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 | M |
| 7 | Warning, instructions for use | M |

Note:

M = Meet

NM = Not Meet

NA = Not Applicable

R = Refer to Comment Section

NR = Not Requested

NT = Not Tested

NP = Not Present

EN 71-2:2020 - Flammability

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

| Test Item(s) | Item / Component Description(s) | |
|--------------|---------------------------------|--|
| 1 | 3710 CHEF SET | |

| Subclause | Requirement | Result |
|-----------|--|--------|
| 4.1 | General requirement | PASS |
| | Celluloid (cellulose nitrate) | NP |
| 4.2.5 | The test sample shall not exceed 10 mm/s or the test sample shall self-extinguish. | 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



Report No. 010222050118

DATED: 25 JULY 2022

TEST RESULT(S): (Continued)

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 | LACQUER COATING ON WOOD |
| 3 | LIGHT GRAY COATING ON WOOD |
| 4 | LIGHT YELLOW PLASTIC |
| 5 | WHITE FABRIC |
| 6 | DARK GRAY FABRIC |
| 7 | CREAM FABRIC |
| 8 | LABEL FABRIC |
| 9 | WHITE PLASTIC (VELCRO) |
| 10 | BROWN PLASTIC |
| 11 | WHITE PLASTIC JOINT |
| 12 | COTTON CLOTH TAPE |
| 13 | BLUE RUBBER |
| 14 | WHITE COATING ON WOOD |
| 15 | DARK BLUE COATING ON WOOD |
| 16 | RED COATING ON WOOD |
| 17 | GRAY SAWDUST (PASTEL) |

| | | |
|---|--------------|--|
| 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 | Regulatory Limit | Result | | | | |
|-----------------------|-------|------------------|--------|------|------|------|------|
| Test Item(s) | - | - | 1 | 2 | 3 | 4 | 5 |
| Category Type | - | III | III | III | III | III | III |
| Aluminium (Al) | mg/kg | 28130 | ND | 1021 | ND | ND | 61 |
| 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 | 92 |
| Boron (B) | mg/kg | 15000 | ND | ND | ND | ND | ND |
| Cadmium (Cd) | mg/kg | 17 | ND | ND | ND | ND | ND |
| Chromium III (Cr III) | mg/kg | 460 | 0.04 | 0.16 | 2.63 | 0.03 | 0.62 |
| 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 | 16 | ND | ND | ND | 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 | 25 | ND | 26 | ND |
| Conclusion | - | - | PASS | PASS | PASS | PASS | PASS |



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TEST RESULT(S): (Continued)

| - | Unit | Regulatory Limit | 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 | ND | ND |
| Barium (Ba) | mg/kg | 18750 | ND | ND | ND | ND | ND |
| Boron (B) | mg/kg | 15000 | ND | ND | ND | ND | ND |
| Cadmium (Cd) | mg/kg | 17 | ND | ND | ND | ND | ND |
| Chromium III (Cr III) | mg/kg | 460 | 0.5 | ND | ND | ND | 0.05 |
| 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 | 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 | 1.27 | ND | ND | ND | ND |
| Organic tin | mg/kg | 12 | ND | ND | ND | ND | ND |
| Zinc (Zn) | mg/kg | 46000 | ND | ND | ND | 46 | 476 |
| Conclusion | - | - | PASS | PASS | PASS | PASS | PASS |

| - | Unit | Regulatory Limit | Result | | | | |
|-----------------------|-------|------------------|--------|------|------|------|------|
| Test Item(s) | - | - | 11 | 12 | 13 | 14 | 15 |
| Category Type | - | III | III | III | III | III | III |
| Aluminium (Al) | mg/kg | 28130 | ND | ND | ND | 317 | 587 |
| Antimony (Sb) | mg/kg | 560 | ND | ND | ND | ND | ND |
| Arsenic (As) | mg/kg | 47 | ND | ND | ND | ND | 0.58 |
| Barium (Ba) | mg/kg | 18750 | ND | ND | ND | ND | ND |
| Boron (B) | mg/kg | 15000 | ND | ND | ND | ND | ND |
| Cadmium (Cd) | mg/kg | 17 | ND | ND | ND | ND | ND |
| Chromium III (Cr III) | mg/kg | 460 | 0.08 | ND | ND | 0.49 | 1.32 |
| 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 | 14 |
| 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 | 352 | ND | 13 |
| Conclusion | - | - | PASS | PASS | PASS | PASS | PASS |



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TEST RESULT(S): (Continued)

| - | Unit | Regulatory Limit | Result | |
|-----------------------|-------|------------------|--------|------|
| Test Item(s) | - | - | 16 | 17 |
| Category Type | - | III | III | III |
| Aluminium (Al) | mg/kg | 28130 | 270 | ND |
| Antimony (Sb) | mg/kg | 560 | ND | ND |
| Arsenic (As) | mg/kg | 47 | ND | ND |
| Barium (Ba) | mg/kg | 18750 | ND | ND |
| Boron (B) | mg/kg | 15000 | ND | 30 |
| Cadmium (Cd) | mg/kg | 17 | ND | ND |
| Chromium III (Cr III) | mg/kg | 460 | 0.58 | ND |
| Chromium VI (Cr VI) | mg/kg | 0.053 | ND | ND |
| Cobalt (Co) | mg/kg | 130 | ND | ND |
| Copper (Cu) | mg/kg | 7700 | ND | ND |
| Lead (Pb) | mg/kg | 23 | ND | 1.06 |
| Manganese (Mn) | mg/kg | 15000 | ND | 16 |
| Mercury (Hg) | mg/kg | 94 | ND | ND |
| Nickel (Ni) | mg/kg | 930 | ND | ND |
| Selenium (Se) | mg/kg | 460 | ND | ND |
| Strontium (Sr) | mg/kg | 56000 | ND | ND |
| Tin (Sn) | mg/kg | 180000 | ND | ND |
| Organic tin | mg/kg | 12 | ND | ND |
| Zinc (Zn) | mg/kg | 46000 | ND | ND |
| Conclusion | - | - | 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.