



# TEST REPORT

Report No. 010222050121

DATED: 25 JULY 2022

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

**Buyer** : /

**Sample Description** : STEAK SET

**Item No.** : 3630

**SKU No.** : /

**Model / Style** : /

**Age Grade** : 2Y+

**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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## SAMPLE PHOTO



### Steak Set

It's important to teach children the benefits of a well-balanced meal. With this set, children can prepare a western-style steak for themselves or a guest. This set includes 1 halved tomato, 3 potato wedges, 2 slices of lettuce, 1 sauce cup, 1 knife, 1 fork, 1 slab of sliceable beef, and 1 cutting board. Encourage a young chef to develop an extensive menu by combining this set with other PlanToys pretend foods and kitchenware.



## 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  
YELLOW COATING ON WOOD  
LACQUER COATING ON WOOD  
GREEN COATING ON WOOD  
RED COATING ON WOOD  
BROWN COATING ON WOOD  
GRAY COATING ON WOOD  
WHITE PLASTIC (VELCRO)  
ORANGE COATING ON WOOD  
LIGHT YELLOW COATING ON WOOD  
DARK BROWN COATING ON WOOD  
BLACK SAWDUST

### Report Number

010222050105  
010222060014  
010222050135  
010222030086  
010222050135  
010222070004  
010222050136  
010222050112  
010221120063  
010222060012  
010222070005  
010222030021

### Date of Issue

06 Jun 2022  
13 Jun 2022  
06 Jun 2022  
06 Apr 2022  
06 Jun 2022  
13 Jul 2022  
06 Jun 2022  
06 Jun 2022  
23 Dec 2021  
13 Jun 2022  
13 Jul 2022  
10 Mar 2022

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# Report No. 010222050121

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                         | M      |
| 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     |

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. 010222050121

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            | YELLOW COATING ON WOOD          |
| 3            | LACQUER COATING ON WOOD         |
| 4            | GREEN COATING ON WOOD           |
| 5            | RED COATING ON WOOD             |
| 6            | BROWN COATING ON WOOD           |
| 7            | GRAY COATING ON WOOD            |
| 8            | WHITE PLASTIC (VELCRO)          |
| 9            | ORANGE COATING ON WOOD          |
| 10           | LIGHT YELLOW COATING ON WOOD    |
| 11           | DARK BROWN COATING ON WOOD      |
| 12           | BLACK SAWDUST                   |

|                                                                                   |              |                                                                                                                          |
|-----------------------------------------------------------------------------------|--------------|--------------------------------------------------------------------------------------------------------------------------|
| 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     | 69   | ND   | 79   | 270  |
| 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              | ND     | 0.48 | 0.4  | 0.4  | 0.58 |
| 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   | 14   | ND   |
| Lead (Pb)             | mg/kg | 23               | ND     | 1.41 | 1    | ND   | ND   |
| Manganese (Mn)        | mg/kg | 15000            | 21     | ND   | ND   | 13   | 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     | 1.01 | ND   | 2.52 | 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  | 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     | 331  | ND   | 249  | 965  |
| 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   | 242  | 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              | ND     | 0.86 | ND   | 0.77 | 0.32 |
| 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   | 1.30 | ND   |
| Manganese (Mn)        | mg/kg | 15000            | ND     | ND   | ND   | 18   | 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   | 1.17 | ND   |
| Organic tin           | mg/kg | 12               | ND     | ND   | ND   | ND   | ND   |
| Zinc (Zn)             | mg/kg | 46000            | ND     | 62   | 46   | 13   | 28   |
| Conclusion            | -     | -                | PASS   | PASS | PASS | PASS | PASS |

| -                     | Unit  | Regulatory Limit | Result |      |
|-----------------------|-------|------------------|--------|------|
| Test Item(s)          | -     | -                | 11     | 12   |
| Category Type         | -     | III              | III    | III  |
| Aluminium (Al)        | mg/kg | 28130            | ND     | 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     | 40   |
| Cadmium (Cd)          | mg/kg | 17               | ND     | ND   |
| Chromium III (Cr III) | mg/kg | 460              | ND     | 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     | ND   |
| Manganese (Mn)        | mg/kg | 15000            | ND     | 26   |
| 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     | 13   |
| 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.



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## END OF REPORT

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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.

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