



TEST REPORT

Report No. 010121020110R1

Dated MAR 03, 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 18/02/2021

Test Period : FROM 18/02/2021 TO 24/02/2021

Sample Description : DENTIST SET

Product Code : 3493

Age Grade : 3Y+

Manufacturer : /

Country of Destination : /

Country of Origin : THAILAND

**Report was revised to amend some component descriptions and shall supersede Report 010121020110, dated 24 Feb 2021.*

| 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 – MIGRATION OF CERTAIN ELEMENTS | PASS | - |

For technical enquiries or any other concerns, please contact:

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SUZEN CHONG
SENIOR VICE PRESIDENT



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SAMPLE PHOTO



Dentist Set
Pretend to be a real dentist! This set teaches children at a young age to understand the importance of tooth care. It includes 4 basic dental tools, 1 toothbrush, 1 set of teeth with 3 spare teeth and 1 doctor case.

Zahnarzt Set
Wir gehen zum Zahnarzt! Dieses Set lehrt Kinder schon früh die Bedeutung

Set de dentista
Juego de un vaso de dentista. Este set enseña a los niños desde una edad temprana a comprender la importancia del cuidado dental. Incluye 4 herramientas dentales básicas, un cepillo de dientes, una dentadura con 3 dientes de repuesto y un estuche médico.

Matériel de dentiste
Prétendez être un vrai dentiste! Ce jeu enseigne aux enfants dès leur plus jeune âge l'importance de leur soins dentaires. Il comprend 4 outils dentaires de base, 1 bross à dents, 1 jeu de dents avec 3 dents de rechange et 1 étui de médecin.

歯医者セット
歯医者さんごっこをしましょう。このセットは歯医者のお仕事を知りたい子どもに伝えます。4つの基本的な歯科器具、歯ブラシ、3つの歯の交換用、歯医者のセット、そしてドクターのケースのセットです。

Warning **0-3** Small parts and Long cord. Choking and Strangulation hazard.

WARNING: CHOKING HAZARD- Small parts. Not for children under 3 years.



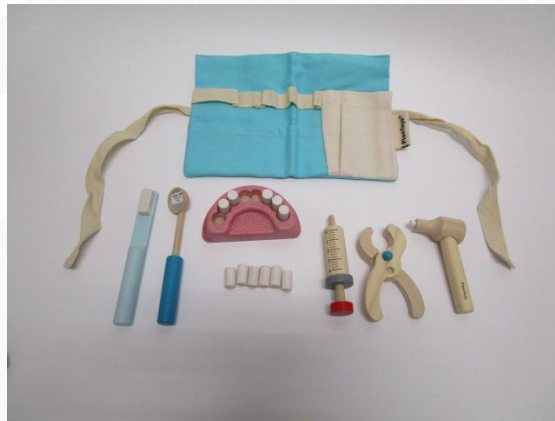


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SAMPLE PHOTO





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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.

| 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 | NA |
| 4.8 | Points and metallic wires | NA |
| 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 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 | NA |
| 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

ISO 8124-8:2016 Age Determination Guidelines

Test Method : Reference to ISO 8124-8.

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



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TEST RESULT(S): (Continued)

EN 71-2:2020 - Flammability

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

| Test Item(s) | Item / Component Description(s) |
|--------------|---------------------------------|
| 1 | 3493 Dentist Set |

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

Note:

M = Meet

NR = Not Requested

NM = Not Meet

NT = Not Tested

NA = Not Applicable

NP = Not Present

R = Refer to Comment Section

DNI = Did Not Ignite

EN 71-3:2019 – Migration of Certain Elements

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

| Test Item(s) | Item / Component Description(s) |
|--------------|---------------------------------|
| 1 | Solid Wood |
| 2 | White Coating On Wood |
| 3 | Lacquer Coating On Wood |
| 4 | Red Coating On Wood |
| 5 | Gray Coating On Wood |
| 6 | Blue Coating On Wood |
| 7 | Green Fabric |
| 8 | Cream Fabric |
| 9 | Label Fabric |
| 10 | Mirror |
| 11 | Yellow Plastic (Velcro) |
| 12 | Cloth Tape |
| 13 | White Elastic |
| 14 | Gray Coating On Wood (Dark) |
| 15 | Dark Brown Coating On Wood |

| | | |
|---|--------------|--|
| 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 |



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TEST RESULT(S): (Continued)

| - | 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 | 732 | ND | 11 | 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 | 0.22 | 0.25 | 0.11 | 0.55 | 0.04 |
| 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 | 26 | ND | ND | 19 | 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 | 3.75 | 1.70 | ND | ND | ND |
| Organic tin | mg/kg | 12 | ND | ND | ND | ND | ND |
| Zinc (Zn) | mg/kg | 46000 | 10 | 47 | ND | ND | 473 |
| 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 | 209 | 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 | 180 | 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 | 0.87 | 0.02 | 0.04 | 0.06 | 0.04 |
| 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 | 1.50 | 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 |
| Category Type | - | III | III | III | III | III | III |
| Aluminium (Al) | mg/kg | 28130 | ND | ND | ND | 841 | 25 |
| Antimony (Sb) | mg/kg | 560 | ND | ND | ND | ND | ND |
| Arsenic (As) | mg/kg | 47 | ND | ND | ND | 0.90 | ND |
| Barium (Ba) | mg/kg | 18750 | ND | ND | ND | 12 | 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 | 0.30 | 0.12 | 0.02 | 0.23 | 0.20 |
| 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 | 1.00 | 1.50 |
| Manganese (Mn) | mg/kg | 15000 | ND | ND | ND | ND | 30 |
| 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 | 1.73 | ND | ND | ND |
| Organic tin | mg/kg | 12 | ND | ND | ND | ND | ND |
| Zinc (Zn) | mg/kg | 46000 | ND | ND | 23 | 12 | ND |
| Conclusion | - | - | 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.

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.