



中国认可
国际互认
检测
TESTING
CNAS L2929

Test Report

No.: T52210280138TY

Date: JUN 10, 2022

Page 1 of 31

HAPPY ARTS&CRAFTS(NINGBO)CO.,LTD
HAPE INTERNATIONAL (NINGBO) LTD
9-27 NANHAI ROAD, DAGANG INDUSTRIAL CITY,
BEILUN, NINGBO, CHINA PC:315800

The following samples were submitted and identified by/on behalf of the client as:

- E0383 MY FIRST MUSICAL WALKER
- E3155 TASTY PROTEINS
- E3154 COOKING ESSENTIALS
- E3158 SMOOTHIE BLENDER
- E3161 GARDEN VEGETABLES
- E3171 HEALTHY FRUIT PLAYSET
- E3172 DELICIOUS BREAKFAST PLAYSET
- E3174 HEALTHY SALAD PLAYSET

Item No. : E0383, E3155, E3154, E3158, E3161, E3171, E3172, E3174

ASIN No. : B08X2TS7GN,B07MM8YK4V,B07MZPPVMZ, B07MWSX97T,B07MY3Z8FH,B09154XCBJ, B091544495,B09165NM5D

Country of Origin : CHINA

Country of Destination : GLOBAL

Client Reference Information : E0383A, E3155A, E3155B E3154A, E3154B, E3158A,E3161A, E3161B,E3171A,E3172A,E3174A

Labeled Age Grading : 10M+; 3Y+

Requested Age Grading : 10M+ FOR ITEM NO.E0383; 3Y+ FOR OTHERS

Age Group Assessed by SGS As Per Age Guideline : OVER 10 MONTHS FOR ITEM NO.E0383; OVER 2 YEARS FOR OTHERS

Age Group Applied in Testing : OVER 10 MONTHS FOR ITEM NO.E0383; OVER 2 YEARS FOR OTHERS

Sample Receiving Date : JUN 02, 2022

Testing Period : JUN 02, 2022 TO JUN 10, 2022



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| Test Requested | | Conclusion |
|----------------|--|------------|
| 1. | For compliance with the test requirement of ASTM F963-17 Standard Consumer Safety Specification on Toy Safety. (Except tools) | -- |
| | ASTM F963-17 Standard Consumer Safety Specification for Toy Safety | PASS |
| | ASTM F963-17 Standard Consumer Safety Specification for Toy Safety Section 4.5, Sound Producing Toys modify by 16 CFR 1250.2 (c) | PASS |
| 2. | For compliance with test requirement of the Physical & Mechanical, Flammability test requirement of Title 16, Code of Federal Regulations, Chapter II – Consumer Products Safety Commission of U.S.A (Except tools) | -- |
| | Physical and mechanical tests consisting US CPSC 16 CFR 1500.48, US CPSC 16 CFR 1500.49 and US CPSC 16 CFR 1501: <ul style="list-style-type: none"> - US CPSC 16 CFR 1500.48 – Technical requirements for determining a sharp point in toys and other articles intended for use by children under 8 years of ages - US CPSC 16 CFR 1500.49 – Technical requirements for determining a sharp metal or glass edge in toys and other articles intended for use by children under 8 years of age - US CPSC 16 CFR 1501 – Method for identifying toys and other articles intended for use by children under 3 years of age which present choking, aspiration, or ingestion hazards because of small parts | PASS |
| | US CPSC 16 CFR 1500.44 – Method for determining extremely flammable and flammable solids | PASS |
| 3. | Title 16, Code of Federal Regulations, Chapter II - Consumer Products Safety Commission of U.S.A. - Part 1303 - Ban of Lead - Containing Paint and Certain Consumer Products Bearing Lead - Containing Paint – Lead Content | PASS |
| 4. | Tracking label per Consumer Product Safety Improvement Act (CPSIA) of 2008 section 103 tracking labels for children’s products. | PASS* |



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| | | |
|----|--|------|
| 5. | CPSIA section 101 - Total Lead content | -- |
| | CPSIA section 101(f) (1) – Lead in paint/similar surface coating material | PASS |
| | Client’s Requirement – Lead in paint/similar surface coating material | PASS |
| | CPSIA section 101(a) (2) – Lead in accessible substrate materials (Including Children’s Metal Jewelry) | PASS |
| 6. | Client’s Requirement – Lead in accessible substrate materials (Including Children’s Metal Jewelry) | PASS |

Remark: Test item(s) with “*” is(are) not accredited by CNAS.

***** FOR FURTHER DETAILS, PLEASE REFER TO THE FOLLOWING PAGE(S) *****

Signed for and on behalf of
 SGS-CSTC Standards Technical
 Services Co., Ltd. Shenzhen Branch Testing Center





Qu Ping, Kiky
 Dept. Manager
 CNAS Approved Signatories

Huang Yao, Lucy
 Section Head
 CNAS Approved Signatories



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Results:

ASTM F963-17 STANDARD CONSUMER SAFETY SPECIFICATION FOR TOY SAFETY

AS SPECIFIED IN ASTM F963-17 STANDARD CONSUMER SAFETY SPECIFICATION ON TOYS SAFETY

Clauses relevant to the item:

| <u>Clause</u> | <u>Description</u> | <u>Result</u> |
|---------------|--|---|
| 4 | Safety Requirements | |
| 4.1 | Material Quality ** | <u>Pass</u> |
| 4.2 | Flammability Test | <u>Pass</u> <u>(See Result Page)</u> |
| 4.3 | Toxicology | |
| 4.3.2 | Manufacturing and Packaging of Food | <u>N/A</u> |
| 4.3.3 | Indirect Food Additives | <u>N/A</u> |
| 4.3.4 | Cosmetics | <u>N/A</u> |
| 4.3.5 | Heavy Elements | |
| 4.3.5.1 | Heavy Elements in Paint/Similar Surface Coating Materials | <u>Pass</u> <u>(See Result Page)</u> |
| 4.3.5.2 | Heavy Metal in Substrate Materials | <u>Pass</u> <u>(See Result Page)</u> |
| 4.3.6 | Cosmetic, Liquids, Pastes, Putties, Gels, Powders and Item of Avian Feather Origin | <u>N/A</u> |
| 4.3.7 | Stuffing Materials | <u>Pass</u> |
| 4.3.8 | DEHP (DOP) | <u>N/A</u> |
| 4.4 | Electrical/Thermal Energy | <u>N/A</u> |
| 4.5 | Sound-Producing Toys | <u>Pass</u> |
| 4.6.1 | Small Objects | <u>Pass</u> |
| 4.6.2 | Mouth-Actuated Toys | <u>N/A</u> |
| 4.6.3 | Labelling Requirements | <u>N/A</u> |
| 4.7 | Accessible Edges | <u>Pass</u> |
| 4.8 | Projections | <u>Pass</u> |
| 4.9 | Accessible Points | <u>Pass</u> |
| 4.10 | Wires or Rods | <u>N/A</u> |
| 4.11 | Nails and Fasteners | <u>Pass</u> |
| 4.12 | Plastic Film | <u>Pass</u> |



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| <u>Clause</u> | <u>Description</u> | <u>Result</u> |
|---------------|---|---------------|
| 4.13.1 | Folding Mechanisms | <u>N/A</u> |
| 4.13.2 | Hinge-Line Clearance | <u>N/A</u> |
| 4.14 | Cords, Straps and Elastic | <u>Pass</u> |
| 4.15 | Stability and Over-Load Requirements | <u>N/A</u> |
| 4.16 | Confined Spaces | <u>N/A</u> |
| 4.17 | Wheels, Tires, and Axles | <u>Pass</u> |
| 4.18 | Holes, Clearance & Accessibility of Mechanisms | <u>Pass</u> |
| 4.19 | Simulated Protective Devices | <u>N/A</u> |
| 4.20 | Pacifiers | <u>N/A</u> |
| 4.21 | Projectile Toys | <u>N/A</u> |
| 4.22 | Teethers and Teething Toys | <u>N/A</u> |
| 4.23 | Rattles | <u>N/A</u> |
| 4.24 | Squeeze Toys | <u>N/A</u> |
| 4.25 | Battery-Operated Toys (Rechargeable battery/Non-rechargeable battery) | <u>N/A</u> |
| 4.26 | Toys Intended to be Attached to a Crib or Playpen | <u>N/A</u> |
| 4.27 | Stuffed and Beanbag-Type Toys | <u>Pass</u> |
| 4.28 | Stroller and Carriage Toys | <u>N/A</u> |
| 4.29 | Art Materials | <u>N/A</u> |
| 4.30 | Toy Gun Marking | <u>N/A</u> |
| 4.31 | Balloons | <u>N/A</u> |
| 4.32 | Certain Toys and Nearly Spherical Ends | <u>N/A</u> |
| 4.33 | Marbles | <u>N/A</u> |
| 4.34 | Balls | <u>N/A</u> |
| 4.35 | Pompoms | <u>N/A</u> |
| 4.36 | Hemispheric-Shaped Objects | <u>N/A</u> |
| 4.37 | Yo Yo Elastic Tether Toys | <u>N/A</u> |
| 4.38 | Magnets | <u>Pass</u> |
| 4.39 | Jaw Entrapment in Handles and Steering Wheels | <u>N/A</u> |
| 4.40 | Expanding Materials | <u>N/A</u> |
| 4.41 | Toy Chest | <u>N/A</u> |
| 5 | Safety Labeling Requirements | |
| 5.2 | Age Grading Labeling | <u>Pass</u> |
| 5.3 | Safety Labeling Requirements | <u>Pass</u> |
| 5.4 | Aquatic Toys | <u>N/A</u> |
| 5.5 | Crib & Playpen Toys | <u>N/A</u> |
| 5.6 | Mobile | <u>N/A</u> |



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Test Report

No.: T52210280138TY

Date: JUN 10, 2022

Page 6 of 31

| <u>Clause</u> | <u>Description</u> | <u>Result</u> |
|---------------|---|---------------|
| 5.7 | Stroller and Carriage Toys | <u>N/A</u> |
| 5.8 | Toys Intended to be Assembled by an Adult | <u>Pass</u> |
| 5.9 | Simulated Protective Devices | <u>N/A</u> |
| 5.10 | Toys with Functional Sharp Edges and Sharp Points | <u>N/A</u> |
| 5.11 | Small Objects, Small Balls, Marbles, and Balloons | <u>N/A</u> |
| 5.12 | Toy Caps | <u>N/A</u> |
| 5.13 | Art Materials | <u>N/A</u> |
| 5.14 | Electric Toys | <u>N/A</u> |
| 5.15 | Battery-Operated Toys | <u>N/A</u> |
| 5.16 | Promotional Materials | <u>Pass</u> |
| 5.17 | Magnets | <u>N/A</u> |
| 6 | Instructional Literature | |
| 6.2 | Crib & Playpen Toys | <u>N/A</u> |
| 6.3 | Mobiles | <u>N/A</u> |
| 6.4 | Toys Intended to be Assembled by an Adult | <u>Pass</u> |
| 6.5 | Battery-Operated Toys | <u>N/A</u> |
| 6.6 | Battery Powered Ride-on Toys | <u>N/A</u> |
| 6.7 | Toys in Contact with Food | <u>N/A</u> |
| 6.8 | Toy Chests | <u>N/A</u> |
| 7 | Producer's Markings | |
| 7.1 | Producer's Markings | <u>Pass</u> |
| 7.2 | Battery-Powered Ride-on Toys | <u>N/A</u> |
| 7.3 | Toy Chests | <u>N/A</u> |
| 8.5 | Normal Use Testing | <u>Pass</u> |
| 8.7 | Impact Test | <u>Pass</u> |
| 8.8 | Torque Test | <u>Pass</u> |



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No.: T52210280138TY

Date: JUN 10, 2022

Page 7 of 31

| <u>Clause</u> | <u>Description</u> | <u>Result</u> |
|--|--|---------------|
| 8.9 | Tension Test | <u>Pass</u> |
| 8.10 | Compression Test | <u>Pass</u> |
| 8.12 | Flexure Test | <u>N/A</u> |
| 8.16 | Tension Test for Pompoms | <u>N/A</u> |
| ASTM F963-17 Standard Consumer Safety Specification for Toy Safety Section 4.5, Sound Producing Toys modify by 16 CFR 1250.2 (c) | <p>16 CFR 1250.2 Requirements for toy safety (c)</p> <p>Instead of complying with section 8.20.1.5(5) of ASTM F963-17, comply with the following:</p> <p>(1) Floor and tabletop toys that move, where the sound is caused as a result of the movement imparted on the toy (for example, a noise making mechanism attached to an axle of a toy vehicle) shall be tested using the method for push and pull toys. In addition to the C-weighted peak measurement maximum A-weighted sound pressure level, LAFmax, shall be made and compared to the requirements of 4.5.1.2.</p> | Pass |

N/A = Not Applicable

** Visual Examination



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Test Report

No.: T52210280138TY

Date: JUN 10, 2022

Page 8 of 31

Result Page:

Flammability Test (Clause 4.2)

Flammability Test on Solid

Sample

E0383 MY FIRST MUSICAL WALKER
E3155 TASTY PROTEINS
E3154 COOKING ESSENTIALS
E3158 SMOOTHIE BLENDER
E3161 GARDEN VEGETABLES
E3171 HEALTHY FRUIT PLAYSET
E3172 DELICIOUS BREAKFAST PLAYSET
E3174 HEALTHY SALAD PLAYSET

Burning Rate (inch/sec)

0.1*

*Burning rate has been rounded to the nearest one tenth of an inch per second.

Requirement: A toy / component is considered a "flammable solid" if it ignites and burns with a self-sustaining flame at a rate greater than 0.10 in/sec along its major axis.



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Member of the SGS Group (SGS SA)

ASTM F963-17, Clause 4.3.5.1 – Heavy Elements in Paint/Similar Surface Coating Materials

Method: With reference to CPSC-CH-E1003-09.1 / ASTM F963-17 Clause 8.3

Analysis was performed by Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES)

Total Lead Content

| Test Item(s) | Lead (Pb) | | |
|---|-----------|-------------|-----------------|
| MDL (ppm) | 10 | | |
| Total Limit (ppm) | 90 | | |
| Specimen Description | Alias No. | Tracing No. | Result(s) (ppm) |
| 1. Transparent lacquer w/ red coating on wood (Fruit, piece, vegetable, handle, ring, pattern) w/ Dull fuchsia, bright green coating on wood (Vegetable) | 2 | 1 | ND |
| 2. Transparent lacquer w/ orange-yellow coating on wood (Fruit) + Transparent lacquer w/ green coating on wood (Fruit, star, pattern) w/ Light yellow coating on wood (Fruit) | 2 | 2 | ND |
| 3. Multi-color coating on wood (Pattern) | 2 | 3 | ND |
| 4. Blue coating on wood (Cup) + Purple coating on wood (Yogurt) w/ Brown coating on wood (Bread) + Multi-color coating on paper card (Box) | 2 | 4 | ND |
| 5. Green coating on wood (Piece) + Purple coating on wood (Piece) + Yellow coating on wood (Piece) | 2 | 5 | ND |
| 6. Light yellow coating on wood (Bottle) + Dull green coating on wood (Bottle) w/ Dark grey coating on wood (Bottle) | 2 | 6 | ND |
| 7. Dull red coating on wood (Meat) w/ Light pink coating (Fish) w/ White, dark blue coating (Fish) | 2 | 7 | ND |
| 8. Transparent lacquer w/ dark orange, cream coating on wood (Carrot) w/ Light yellow, bright green coating on wood (Carrot) | 2 | 8 | ND |
| 9. Transparent lacquer w/ dark purple coating on wood (Eggplant) + Transparent lacquer w/ brown, cream, coffee coating on wood (Mushroom) + Transparent lacquer w/ dark green, yellow coating on wood (Vegetable) | 2 | 9 | ND |
| 10. Transparent lacquer w/ orange coating on wood (Carrot) + Light purple coating on wood (Vegetable) + Bright yellow coating on wood (Cheese) | 2 | 10 | ND |
| 11. Pale brown coating on wood (Potato) w/ Cream-yellow coating on wood (Potato) w/ Dark coffee coating (Logo, pattern) | 2 | 11 | ND |
| 12. Light green coating on wood (Piece) + Dull orange coating on wood (Piece) + Dull cyan coating on wood (Ring) | 2 | 12 | ND |
| 13. Red coating on metal (Key) + Green coating on metal (Key) + Cyan coating on metal (Key) | 2 | 13 | ND |



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中国·广东·深圳龙岗区坂田街道坂田社区吉华路430号江灏(坂田)工业厂区厂房4号101-901、2号101、3号301-501 邮编: 518129 t:(86-755) 25328888 sgs.china@sgs.com

| Test Item(s) | Lead (Pb) | | |
|---|-----------|-------------|-----------------|
| MDL (ppm) | 10 | | |
| Total Limit (ppm) | 90 | | |
| Specimen Description | Alias No. | Tracing No. | Result(s) (ppm) |
| 14. Purple coating on metal (Key) + Pink coating on metal (Key) | 2 | 14 | ND |
| 15. Bright white coating on wood (Board, block) + Off-white coating on wood (Edge) + Light cyan coating on wood (Block, pattern) | 2 | 15 | ND |
| 16. Cyan coating on wood (Pattern) w/ Dull purple coating on wood (Pattern) w/ Dull pink coating on wood (Pattern) | 2 | 16 | ND |
| 17. White coating on wood (Egg, yogurt, board, drumstick, vegetable) w/ White coating on fabric (Lemon) + Orange coating on wood (Bottle) | 2 | 17 | ND |
| 18. Transparent lacquer coating on wood (Spoon, bottle, board) w/ Black coating on wood (Pattern, lettering) w/ Dull brown coating on wood (Logo) | 2 | 18 | ND |

Soluble Heavy Metal Content

| Test Item(s) | Pb | Sb | As | Ba | Cd | Cr | Hg | Se | | | | |
|-----------------------|-----------|-------------|---------------------------|------------------------------------|----|----|----|-----|----|----|----|----|
| MDL (ppm) | 5 | 5 | 2.5 | 10 | 5 | 5 | 5 | 10 | | | | |
| Migration Limit (ppm) | 90 | 60 | 25 | 1000 | 75 | 60 | 60 | 500 | | | | |
| Specimen No. | Alias No. | Tracing No. | Mass of trace amount (mg) | Adjusted Migration Result(s) (ppm) | | | | | | | | |
| 1 | 10 | 1 | 50.6 | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 2 | 10 | 14 | / | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 3 | 10 | 15 | / | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 4 | 10 | 16 | / | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 5 | 10 | 17 | 27.3 | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 6 | 10 | 18 | / | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 7 | 10 | 24 | / | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 8 | 10 | 25 | / | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 9 | 10 | 26 | 20.5 | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 10 | 10 | 29 | / | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 11 | 10 | 30 | / | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 12 | 10 | 31 | / | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 13 | 10 | 32 | / | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 14 | 10 | 33 | / | ND | ND | ND | 23 | ND | ND | ND | ND | ND |
| 15 | 10 | 34 | 14.6 | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 16 | 10 | 42 | 58.7 | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 17 | 10 | 43 | / | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 18 | 10 | 51 | / | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 19 | 10 | 52 | / | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 20 | 10 | 53 | / | ND | ND | ND | ND | ND | ND | ND | ND | ND |



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| Test Item(s) | | | | Pb | Sb | As | Ba | Cd | Cr | Hg | Se |
|-----------------------|-----------|-------------|---------------------------|------------------------------------|----|-----|------|----|----|----|-----|
| MDL (ppm) | | | | 5 | 5 | 2.5 | 10 | 5 | 5 | 5 | 10 |
| Migration Limit (ppm) | | | | 90 | 60 | 25 | 1000 | 75 | 60 | 60 | 500 |
| Specimen No. | Alias No. | Tracing No. | Mass of trace amount (mg) | Adjusted Migration Result(s) (ppm) | | | | | | | |
| 21 | 10 | 54 | / | ND | ND | ND | ND | ND | ND | ND | ND |
| 22 | 10 | 57 | / | ND | ND | ND | ND | ND | ND | ND | ND |
| 23 | 10 | 58 | / | ND | ND | ND | ND | ND | ND | ND | ND |
| 24 | 10 | 59 | 45.1 | ND | ND | ND | ND | ND | ND | ND | ND |
| 25 | 10 | 60 | / | ND | ND | ND | 12 | ND | ND | ND | ND |
| 26 | 10 | 61 | / | ND | ND | ND | ND | ND | ND | ND | ND |
| 27 | 10 | 69 | 40.9 | ND | ND | ND | ND | ND | ND | ND | ND |
| 28 | 10 | 70 | 42.6 | ND | ND | ND | ND | ND | ND | ND | ND |
| 29 | 10 | 80 | / | ND | ND | ND | 72 | ND | ND | ND | ND |
| 30 | 10 | 81 | / | ND | ND | ND | 21 | ND | ND | ND | ND |
| 31 | 10 | 82 | / | ND | ND | ND | 47 | ND | ND | ND | ND |
| 32 | 10 | 83 | / | ND | ND | ND | 54 | ND | ND | ND | ND |
| 33 | 10 | 84 | / | ND | ND | ND | ND | ND | ND | ND | ND |
| 34 | 10 | 85 | / | ND | ND | ND | ND | ND | ND | ND | ND |
| 35 | 10 | 86 | / | ND | ND | ND | ND | ND | ND | ND | ND |
| 36 | 10 | 88 | / | ND | ND | ND | ND | ND | ND | ND | ND |
| 37 | 10 | 89 | / | ND | ND | ND | ND | ND | ND | ND | ND |
| 38 | 10 | 90 | / | ND | ND | ND | ND | ND | ND | ND | ND |
| 39 | 10 | 92 | 15.3 | ND | ND | ND | ND | ND | ND | ND | ND |
| 40 | 10 | 93 | 15.0 | ND | ND | ND | ND | ND | ND | ND | ND |
| 41 | 10 | 96 | 11.6 | ND | ND | ND | ND | ND | ND | ND | ND |
| 42 | 10 | 97 | / | ND | ND | ND | ND | ND | ND | ND | ND |
| 43 | 10 | 98 | / | ND | ND | ND | ND | ND | ND | ND | ND |

Specimen Description:

1. Multi-color coating on paper card (Box)
2. Transparent lacquer w/ red coating on wood (Fruit, piece, vegetable, handle, ring, pattern)
3. Transparent lacquer w/ orange-yellow coating on wood (Fruit)
4. Transparent lacquer w/ green coating on wood (Fruit, star, pattern)
5. Light yellow coating on wood (Fruit)
6. Multi-color coating on wood (Pattern)
7. Blue coating on wood (Cup)
8. Purple coating on wood (Yogurt)



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Specimen Description:

9. Brown coating on wood (Bread)
10. Green coating on wood (Piece)
11. Purple coating on wood (Piece)
12. Yellow coating on wood (Piece)
13. Light yellow coating on wood (Bottle)
14. Dull green coating on wood (Bottle)
15. Dark grey coating on wood (Bottle)
16. Light pink coating (Fish)
17. Dull red coating on wood (Meat)
18. Transparent lacquer w/ dark orange, cream coating on wood (Carrot)
19. Transparent lacquer w/ dark purple coating on wood (Eggplant)
20. Transparent lacquer w/ brown, cream, coffee coating on wood (Mushroom)
21. Transparent lacquer w/ dark green coating on wood (Vgetable)
22. Transparent lacquer w/ orange coating on wood (Carrot)
23. Pale brown coating on wood (Potato)
24. Cream-yellow coating on wood (Potato)
25. Light purple coating on wood (Vegetable)
26. Bright yellow coating on wood (Cheese)
27. Light green coating on wood (Piece)
28. Dull orange coating on wood (Piece)
29. Red coating on metal (Key)
30. Green coating on metal (Key)
31. Cyan coating on metal (Key)
32. Purple coating on metal (Key)
33. Pink coating on metal (Key)
34. Bright white coating on wood (Board, block)
35. Off-white coating on wood (Edge)
36. Light cyan coating on wood (Block, pattern)



Test Report

No.: T52210280138TY

Date: JUN 10, 2022

Page 13 of 31

Specimen Description:

- 37. Dull cyan coating on wood (Ring)
- 38. Cyan coating on wood (Pattern)
- 39. Dull purple coating on wood (Pattern)
- 40. Dull pink coating on wood (Pattern)
- 41. White coating on wood (Egg, yogurt, board, drumstick, vegetable, lemon)
- 42. Transparent lacquer coating on wood (Spoon, bottle, board)
- 43. Orange coating on wood (Bottle)

- Note:
- ppm = parts per million
 - 1% = 10000 mg/kg = 10000 ppm = 10000 µg/g
 - MDL = Method Detection Limit
 - ND = Not Detected (lower than MDL)
 - Result(s) of specimen No.41 is(are) extracted from report No. T52110311130TY.
 - Result(s) of specimen No.42 is(are) extracted from report No. T52110321297TY.
 - Result(s) of specimen No.43 is(are) extracted from report No. T52110281092TY.

Remark: As received, below test portion(s) is(are) less than 10 mg, therefore such component(s) was(were) not tested for certain migration elements, as specified in ASTM F963-17 Clause 8.3.3.6 (2) – Selection of Test Portions

- Dark coffee coating (Logo, pattern)
- Black coating on wood (Pattern, lettering)
- Dull brown coating on wood (Logo)
- White, dark blue coating (Fish)
- Light yellow, bright green coating on wood (Carrot)
- Yellow, dull fuchsia, bright green coating on wood (Vgetable)
- White coating on fabric (Lemon)



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ASTM F963-17, Clause 4.3.5.2 – Heavy Elements in Substrate Materials

Method: With reference to CPSC-CH-E1002-08.3 / CPSC-CH-E1001-08.3 / ASTM F963-17 Clause 8.3 / CPSC-CH-E1004-11

Analysis was performed by Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES)/ Inductively Coupled Plasma Mass Spectrometer (ICP-MS)

Total Lead Content

| Test Item(s) | Lead (Pb) | | |
|---|-----------|-------------|-----------------|
| MDL (ppm) | 10 | | |
| Total Limit (ppm) | 100 | | |
| Specimen Description | Alias No. | Tracing No. | Result(s) (ppm) |
| 1. Silvery metal screw (Base, cover) | 1 | 1 | ND |
| 2. Silvery metal bolt (Body) | 1 | 2 | ND |
| 3. Silvery metal nut (Body) | 1 | 3 | 22 |
| 4. Silvery metal big bolt (Body) | 1 | 4 | ND |
| 5. Silvery metal big nut (Body) | 1 | 5 | 13 |
| 6. Silvery metal small flat head acrew (Body) | 1 | 6 | ND |
| 7. Dull silvery metal bolt (Handle) | 1 | 7 | 12 |
| 8. Silvery metal pole (Body) | 1 | 8 | ND |
| 9. Silvery metal axle (Wheel) | 1 | 9 | ND |
| 10. Silvery metal big flat head acrew (Body) | 1 | 10 | ND |
| 11. Silvery metal bigger bolt (Wheel) | 1 | 11 | ND |
| 12. Silvery metel key (Longgest) | 1 | 12 | ND |
| 13. Silvery metel key (Longger) | 1 | 13 | ND |
| 14. Silvery metel key (Long) | 1 | 14 | ND |
| 15. Silvery metel key (Short) | 1 | 15 | ND |
| 16. Silvery metel key (Shorter) | 1 | 16 | ND |
| 17. Grey plastic (ABS) (Knife) + Black plastic (HDPE) (Knife) + Light grey plastic (HDPE) (Spoon, fork) | 3 | 1 | ND |
| 18. Dark green soft plastic (EVA) (Leaf) + Light green soft plastic (EVA) (Leaf) + Yellow-green soft plastic (EVA) (Leaf) | 3 | 2 | ND |
| 19. Silvery-grey plastic (PP) (Grater) + Dull blue plastic (ABS) (Fish) | 3 | 3 | ND |
| 20. White felt w/ green series printing (Piece) + White felt w/ red series & black printing (Piece) | 3 | 4 | ND |
| 21. White plastic (ABS) (Bowl, base) + White plastic (PP) (Bowl, wheel) + Light pink plastic (ABS) (Fish) | 3 | 5 | ND |
| 22. Green plastic (ABS) (Broccoli) + Silvery-grey plastic (HDPE) (Peeler) | 3 | 6 | ND |
| 23. White plastic (POM) (Holder) + Red plastic (PP) (Cup) | 3 | 7 | ND |



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| Test Item(s) | Lead (Pb) | | |
|--|-----------|-------------|-----------------|
| MDL (ppm) | 10 | | |
| Total Limit (ppm) | 100 | | |
| Specimen Description | Alias No. | Tracing No. | Result(s) (ppm) |
| 24. White felt w/ purple printing (Piece) + White felt w/ yellow series printing (Piece) | 3 | 8 | ND |
| 25. Red plastic (POM) (Gear) + Cream plastic (POM) (Holder) + White plastic (Nut) | 3 | 9 | ND |
| 26. Brown hardboard + Cream plywood | 3 | 10 | ND |
| 27. Yellow silicone rubber (Banana) + Light yellow plastic (ABS) (Banana) + Transparent plastic (ABS) (Bottle) | 4 | 1 | ND |
| 28. Red foam (EVA) (Tyre) + White silicone rubber (Drum) | 4 | 2 | ND |
| 29. Dull red plastic (PP) (Wheel, box) + Bright red plastic (Holder) + Black silicone rubber (Pad) | 4 | 3 | ND |
| 30. White plastic (Gear) + Red plastic (ABS) (Cap, button, drum, holder) + White rubber core (Elastic cord) | 4 | 4 | ND |

Soluble Heavy Metal Content

| Test Item(s) | Pb | Sb | As | Ba | Cd | Cr | Hg | Se | | | | | | |
|--|-----------|-------------|---------------------------|------------------------------------|----|----|----|-----|----|----|----|----|----|----|
| MDL (ppm) | 5 | 5 | 2.5 | 10 | 5 | 5 | 5 | 10 | | | | | | |
| Migration Limit (ppm) -- Other Than Modeling Clays | 90 | 60 | 25 | 1000 | 75 | 60 | 60 | 500 | | | | | | |
| Migration Limit (ppm) -- Modeling Clays | 90 | 60 | 25 | 250 | 50 | 25 | 25 | 500 | | | | | | |
| Specimen No. | Alias No. | Tracing No. | Mass of trace amount (mg) | Adjusted Migration Result(s) (ppm) | | | | | | | | | | |
| 1 | 10 | 2 | / | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 2 | 10 | 3 | / | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 3 | 10 | 4 | / | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 4 | 10 | 5 | / | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 5 | 10 | 6 | / | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 6 | 10 | 7 | / | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 7 | 10 | 8 | / | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 8 | 10 | 9 | / | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 9 | 10 | 10 | / | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 10 | 10 | 11 | / | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 11 | 10 | 12 | / | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 12 | 10 | 13 | / | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 13 | 10 | 19 | / | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 14 | 10 | 20 | / | ND | 7 | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 15 | 10 | 21 | / | ND | 32 | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 16 | 10 | 22 | / | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |



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Test Report

No.: T52210280138TY

Date: JUN 10, 2022

Page 16 of 31

| Test Item(s) | | | | Pb | Sb | As | Ba | Cd | Cr | Hg | Se |
|--|-----------|-------------|---------------------------|------------------------------------|----|-----|------|----|----|----|-----|
| MDL (ppm) | | | | 5 | 5 | 2.5 | 10 | 5 | 5 | 5 | 10 |
| Migration Limit (ppm) -- Other Than Modeling Clays | | | | 90 | 60 | 25 | 1000 | 75 | 60 | 60 | 500 |
| Migration Limit (ppm) -- Modeling Clays | | | | 90 | 60 | 25 | 250 | 50 | 25 | 25 | 500 |
| Specimen No. | Alias No. | Tracing No. | Mass of trace amount (mg) | Adjusted Migration Result(s) (ppm) | | | | | | | |
| 17 | 10 | 23 | / | ND | ND | ND | ND | ND | ND | ND | ND |
| 18 | 10 | 27 | / | ND | ND | ND | ND | ND | ND | ND | ND |
| 19 | 10 | 28 | / | ND | ND | ND | ND | ND | ND | ND | ND |
| 20 | 10 | 35 | / | ND | ND | ND | ND | ND | ND | ND | ND |
| 21 | 10 | 36 | / | ND | ND | ND | ND | ND | ND | ND | ND |
| 22 | 10 | 37 | / | ND | ND | ND | ND | ND | ND | ND | ND |
| 23 | 10 | 38 | / | ND | ND | ND | ND | ND | ND | ND | ND |
| 24 | 10 | 39 | / | ND | ND | ND | ND | ND | ND | ND | ND |
| 25 | 10 | 40 | / | ND | ND | ND | ND | ND | ND | ND | ND |
| 26 | 10 | 41 | / | ND | ND | ND | ND | ND | ND | ND | ND |
| 27 | 10 | 44 | / | ND | ND | ND | ND | ND | ND | ND | ND |
| 28 | 10 | 45 | / | ND | ND | ND | ND | ND | ND | ND | ND |
| 29 | 10 | 46 | / | ND | ND | ND | ND | ND | ND | ND | ND |
| 30 | 10 | 47 | / | ND | ND | ND | ND | ND | ND | ND | ND |
| 31 | 10 | 48 | / | ND | ND | ND | ND | ND | ND | ND | ND |
| 32 | 10 | 49 | / | ND | ND | ND | ND | ND | ND | ND | ND |
| 33 | 10 | 50 | / | ND | ND | ND | ND | ND | ND | ND | ND |
| 34 | 10 | 55 | / | ND | ND | ND | ND | ND | ND | ND | ND |
| 35 | 10 | 56 | / | ND | ND | ND | ND | ND | ND | ND | ND |
| 36 | 10 | 62 | / | ND | 10 | ND | ND | ND | ND | ND | ND |
| 37 | 10 | 63 | 72.4 | ND | ND | ND | ND | ND | ND | ND | ND |
| 38 | 10 | 64 | / | ND | ND | ND | ND | ND | ND | ND | ND |
| 39 | 10 | 65 | / | ND | ND | ND | ND | ND | ND | ND | ND |
| 40 | 10 | 66 | / | ND | ND | ND | ND | ND | ND | ND | ND |
| 41 | 10 | 67 | / | ND | ND | ND | ND | ND | ND | ND | ND |
| 42 | 10 | 68 | / | ND | 28 | ND | ND | ND | ND | ND | ND |
| 43 | 10 | 71 | / | ND | ND | ND | ND | ND | ND | ND | ND |
| 44 | 10 | 72 | / | ND | ND | ND | ND | ND | ND | ND | ND |
| 45 | 10 | 73 | / | ND | ND | ND | ND | ND | ND | ND | ND |
| 46 | 10 | 74 | / | ND | ND | ND | ND | ND | ND | ND | ND |
| 47 | 10 | 75 | / | ND | ND | ND | ND | ND | ND | ND | ND |
| 48 | 10 | 76 | / | ND | ND | ND | ND | ND | ND | ND | ND |
| 49 | 10 | 77 | / | ND | ND | ND | 12 | ND | ND | ND | ND |
| 50 | 10 | 78 | / | ND | ND | ND | ND | ND | ND | ND | ND |
| 51 | 10 | 79 | / | ND | ND | ND | ND | ND | ND | ND | ND |
| 52 | 10 | 87 | / | ND | ND | ND | ND | ND | ND | ND | ND |



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| Test Item(s) | | | | Pb | Sb | As | Ba | Cd | Cr | Hg | Se |
|--|-----------|-------------|---------------------------|------------------------------------|----|-----|------|----|----|----|-----|
| MDL (ppm) | | | | 5 | 5 | 2.5 | 10 | 5 | 5 | 5 | 10 |
| Migration Limit (ppm) -- Other Than Modeling Clays | | | | 90 | 60 | 25 | 1000 | 75 | 60 | 60 | 500 |
| Migration Limit (ppm) -- Modeling Clays | | | | 90 | 60 | 25 | 250 | 50 | 25 | 25 | 500 |
| Specimen No. | Alias No. | Tracing No. | Mass of trace amount (mg) | Adjusted Migration Result(s) (ppm) | | | | | | | |
| 53 | 10 | 91 | / | ND | ND | ND | ND | ND | ND | ND | ND |
| 54 | 10 | 94 | / | ND | ND | ND | 12 | ND | ND | ND | ND |
| 55 | 10 | 95 | / | ND | ND | ND | ND | ND | ND | ND | ND |
| 56 | 10 | 99 | / | ND | ND | ND | ND | ND | ND | ND | ND |

Specimen Description:

1. White rubber core (Elastic cord)
2. White polyfiber (Drumstick)
3. Yellow silicone rubber (Banana)
4. Light yellow plastic (ABS) (Banana)
5. Grey plastic (ABS) (Knife)
6. Black plastic (HDPE) (Knife)
7. Dark green soft plastic (EVA) (Leaf)
8. Light green soft plastic (EVA) (Leaf)
9. White hook and loop fastener
10. Orange hook and loop fastener
11. Light yellow hook and loop fastener
12. Red hook and loop fastener
13. Yellow felt (Piece)
14. White felt w/ green series printing (Piece)
15. White felt w/ red series & black printing (Piece)
16. Yellow hook and loop fastener
17. White plastic (ABS) (Bowl, base)
18. White plastic (PP) (Bowl, wheel)
19. Light grey plastic (HDPE) (Spoon, fork)
20. Light green hook and loop fastener



Specimen Description:

21. Orange felt (Piece)
22. White felt w/ purple printing (Piece)
23. Brown flannel w/ brown fabric thread (Drumstick)
24. Brown felt (Drumstick)
25. Dull blue plastic (ABS) (Fish)
26. Light pink plastic (ABS) (Fish)
27. Bright yellow felt w/ white fabric thread (Lemon)
28. Yellow-green soft plastic (EVA) (Leaf)
29. Dark green hook and loop fastener
30. Purple hook and loop fastener
31. Beige hook and loop fastener
32. Dark orange hook and loop fastener
33. Green plastic (ABS) (Broccoli)
34. Silvery-grey plastic (HDPE) (Peeler)
35. Silvery-grey plastic (PP) (Grater)
36. Green felt w/ green fabric thread (Leaf)
37. Green woven cord (Elastic cord)
38. Light purple hook and loop fastener
39. Red plastic (ABS) (Cap, button, drum, holder)
40. Transparent plastic (ABS) (Bottle)
41. White plastic (POM) (Holder)
42. White felt w/ yellow series printing (Piece)
43. Red foam (EVA) (Tyre)
44. Dull red plastic (PP) (Wheel, box)
45. White silicone rubber (Drum)
46. Red plastic (POM) (Gear)
47. Cream plastic (POM) (Holder)
48. Black silicone rubber (Pad)



Test Report

No.: T52210280138TY

Date: JUN 10, 2022

Page 19 of 31

Specimen Description:

- 49. Red woven cord
- 50. Red woven band (Elastic band)
- 51. Bright red plastic (Holder)
- 52. White plastic (Nut)
- 53. White plastic (Gear)
- 54. Brown hardboard
- 55. Cream plywood
- 56. Red plastic (PP) (Cup)

- Note:
- ppm = parts per million
 - µg/component = microgramme per component
 - 1% = 10000 mg/kg = 10000 ppm =10000 µg/g
 - ND = Not Detected (lower than MDL)
 - MDL = Method Detection Limit
 - Result(s) of specimen No.54 is(are) extracted from report No. T52110280192TY.
 - Result(s) of specimen No.55 is(are) extracted from report No. T52210251514TY.
 - Result(s) of specimen No.56 is(are) extracted from report No. T52110331369TY.



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US CPSC

PHYSICAL AND MECHANICAL TESTS CONSISTING US CPSC 16 CFR 1500.48, US CPSC 16 CFR 1500.49 AND US CPSC 16 CFR 1501

AS SPECIFIED IN PHYSICAL AND MECHANICAL TESTS CONSISTING US CPSC 16 CFR 1500.48, US CPSC 16 CFR 1500.49 AND US CPSC 16 CFR 1501

| | <u>No. of sample tested</u> | <u>Sharp point (16 CFR 1500.48)</u> | <u>Sharp edge (16 CFR 1500.49)</u> | <u>Small part (16 CFR 1501)</u> |
|------------------------------------|-----------------------------|-------------------------------------|------------------------------------|---------------------------------|
| As received | 16 | Pass | Pass | Pass |
| Impact test (16 CFR 1500.51b&52b) | 8 | Pass | Pass | Pass |
| Bite test (16 CFR 1500.52c) | 8 | N/A | N/A | N/A |
| Flexure test (16 CFR 1500.53d) | 0 | N/A | N/A | N/A |
| Torque test (16 CFR 1500.53e) | 8 | Pass | Pass | Pass |
| Tension test (16 CFR 1500.52f) | 8 | Pass | Pass | Pass |
| Compression test (16 CFR 1500.53g) | 8 | Pass | Pass | Pass |

N/A = Not Applicable



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Test Report

No.: T52210280138TY

Date: JUN 10, 2022

Page 21 of 31

US CPSC 16 CFR 1500.44 – METHOD FOR DETERMINING EXTREMELY FLAMMABLE AND FLAMMABLE SOLIDS

AS SPECIFIED IN US CPSC 16 CFR 1500.44 – METHOD FOR DETERMINING EXTREMELY FLAMMABLE AND FLAMMABLE SOLIDS

| <u>Sample</u> | <u>Burning Rate (inch/sec)</u> |
|-----------------------------------|--------------------------------|
| E0383 MY FIRST MUSICAL WALKER | 0.1* |
| E3155 TASTY PROTEINS | |
| E3154 COOKING ESSENTIALS | |
| E3158 SMOOTHIE BLENDER | |
| E3161 GARDEN VEGETABLES | |
| E3171 HEALTHY FRUIT PLAYSET | |
| E3172 DELICIOUS BREAKFAST PLAYSET | |
| E3174 HEALTHY SALAD PLAYSET | |

*Burning rate has been rounded to the nearest one tenth of an inch per second.

Requirement: A toy / component is considered a “flammable solid” if it ignites and burns with a self-sustaining flame at a rate greater than 0.10 in/sec along its major axis.



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CPSC 16 CFR 1303 - Lead in Paint/Similar Surface Coating Materials

Method: With reference to CPSC-CH-E1003-09.1 - Standard Operating Procedure for Determining Lead (Pb) in Paint and Other Similar Surface Coatings

| Test Item(s) | Lead (Pb) | | |
|--|-----------|-------------|-----------------|
| Permissible Limit (ppm) | 90 | | |
| Specimen Description | Alias No. | Tracing No. | Result(s) (ppm) |
| 1. Transparent lacquer w/ red coating on wood (Fruit, piece, vegetable, handle, ring, pattern) w/ Dull fuchsia, bright green coating on wood (Vgetable) | 5 | 1 | ND |
| 2. Transparent lacquer w/ orange-yellow coating on wood (Fruit) + Transparent lacquer w/ green coating on wood (Fruit, star, pattern) w/ Light yellow coating on wood (Fruit) | 5 | 2 | ND |
| 3. Multi-color coating on wood (Pattern) | 5 | 3 | ND |
| 4. Blue coating on wood (Cup) + Purple coating on wood (Yogurt) w/ Brown coating on wood (Bread) + Multi-color coating on paper card (Box) | 5 | 4 | ND |
| 5. Green coating on wood (Piece) + Purple coating on wood (Piece) + Yellow coating on wood (Piece) | 5 | 5 | ND |
| 6. Light yellow coating on wood (Bottle) + Dull green coating on wood (Bottle) w/ Dark grey coating on wood (Bottle) | 5 | 6 | ND |
| 7. Dull red coating on wood (Meat) w/ Light pink coating (Fish) w/ White, dark blue coating (Fish) | 5 | 7 | ND |
| 8. Transparent lacquer w/ dark orange, cream coating on wood (Carrot) w/ Light yellow, bright green coating on wood (Carrot) | 5 | 8 | ND |
| 9. Transparent lacquer w/ dark purple coating on wood (Eggplant) + Transparent lacquer w/ brown, cream, coffee coating on wood (Mushroom) + Transparent lacquer w/ dark green, yellow coating on wood (Vgetable) | 5 | 9 | ND |
| 10. Transparent lacquer w/ orange coating on wood (Carrot) + Light purple coating on wood (Vegetable) + Bright yellow coating on wood (Cheese) | 5 | 10 | ND |
| 11. Pale brown coating on wood (Potato) w/ Cream-yellow coating on wood (Potato) w/ Dark coffee coating (Logo, pattern) | 5 | 11 | ND |
| 12. Light green coating on wood (Piece) + Dull orange coating on wood (Piece) + Dull cyan coating on wood (Ring) | 5 | 12 | ND |
| 13. Red coating on metal (Key) + Green coating on metal (Key) + Cyan coating on metal (Key) | 5 | 13 | ND |
| 14. Purple coating on metal (Key) + Pink coating on metal (Key) | 5 | 14 | ND |



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| Test Item(s) | Lead (Pb) | | |
|---|-----------|-------------|-----------------|
| Permissible Limit (ppm) | 90 | | |
| Specimen Description | Alias No. | Tracing No. | Result(s) (ppm) |
| 15. Bright white coating on wood (Board, block) + Off-white coating on wood (Edge) + Light cyan coating on wood (Block, pattern) | 5 | 15 | ND |
| 16. Cyan coating on wood (Pattern) w/ Dull purple coating on wood (Pattern) w/ Dull pink coating on wood (Pattern) | 5 | 16 | ND |
| 17. White coating on wood (Egg, yogurt, board, drumstick, vegetable) w/ White coating on fabric (Lemon) + Orange coating on wood (Bottle) | 5 | 17 | ND |
| 18. Transparent lacquer coating on wood (Spoon, bottle, board) w/ Black coating on wood (Pattern, lettering) w/ Dull brown coating on wood (Logo) | 5 | 18 | ND |

- Note:
- ppm = parts per million
 - ND = Not Detected (lower than MDL)
 - MDL = Method Detection Limit = 10 ppm
 - 1% = 10000 mg/kg = 10000 ppm



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As specified in Consumer Product Safety Improvement Act (CPSIA) of 2008 section 103 tracking labels for children's products.

- Tracking label found on the packaging:

- 1) Name: Hape International AG
- 2) Location: MADE IN CHINA
 - P2122402663 NBCN 10/2021
 - P2222400548 NBCN 04/2022
 - P2122403042 NBCN 02/2022
 - P2122402536 NBCN 10/2021
 - P2222400140 NBNC 04/2022
 - P2122401676 NBCN 07/2021
 - P2122402844 NBCN 12/2021
 - P2122050340 NBCN 05/2022
- 3) Date:
 - P2122402663 NBCN 10/2021
 - P2222400548 NBCN 04/2022
 - P2122403042 NBCN 02/2022
 - P2122402536 NBCN 10/2021
 - P2222400140 NBNC 04/2022
 - P2122401676 NBCN 07/2021
 - P2122402844 NBCN 12/2021
 - P2122050340 NBCN 05/2022
- 4) Cohort information:
 - P2122402663 NBCN 10/2021
 - P2222400548 NBCN 04/2022
 - P2122403042 NBCN 02/2022
 - P2122402536 NBCN 10/2021
 - P2222400140 NBNC 04/2022
 - P2122401676 NBCN 07/2021
 - P2122402844 NBCN 12/2021
 - P2122050340 NBCN 05/2022



Test Report

No.: T52210280138TY

Date: JUN 10, 2022

Page 25 of 31

- Tracking label found on the product:

- 1) Name: Hape International AG; Hape
- 2) Location: P2122402663 NBCN 10/2021
P2222400548 NBCN 04/2022
NBCN 02/2022
NBCN 10/2021
P2222400140 NBCN 04/2022
P2122401676 NBCN 07/2021
P2122402844 NBCN 12/2021
P2122050340 NBCN 05/2022
- 3) Date: P2122402663 NBCN 10/2021
P2222400548 NBCN 04/2022
NBCN 02/2022
NBCN 10/2021
P2222400140 NBCN 04/2022
P2122401676 NBCN 07/2021
P2122402844 NBCN 12/2021
P2122050340 NBCN 05/2022
- 4) Cohort information: P2122402663 NBCN 10/2021
P2222400548 NBCN 04/2022
NBCN 02/2022
NBCN 10/2021
P2222400140 NBCN 04/2022
P2122401676 NBCN 07/2021
P2122402844 NBCN 12/2021
P2122050340 NBCN 05/2022

Note: The tracking label assessment was based on the submitted samples and the information provided by the applicant. There was no verification on the validity of such information.



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CPSIA - Lead in Paint/Similar Surface Coating Materials

Method: With reference to CPSC-CH-E1003-09.1 - Standard Operating Procedure for Determining Lead (Pb) in Paint and Other Similar Surface Coatings

| Test Item(s) | | | Lead (Pb) |
|---|-----------|-------------|-----------------|
| Permissible Limit (ppm) | | | 90 |
| Client's Limit (ppm) | | | 40 |
| Specimen Description | Alias No. | Tracing No. | Result(s) (ppm) |
| 1. Transparent lacquer w/ red coating on wood (Fruit, piece, vegetable, handle, ring, pattern) w/ Dull fuchsia, bright green coating on wood (Vegetable) | 6 | 1 | ND |
| 2. Transparent lacquer w/ orange-yellow coating on wood (Fruit) + Transparent lacquer w/ green coating on wood (Fruit, star, pattern) w/ Light yellow coating on wood (Fruit) | 6 | 2 | ND |
| 3. Multi-color coating on wood (Pattern) | 6 | 3 | ND |
| 4. Blue coating on wood (Cup) + Purple coating on wood (Yogurt) w/ Brown coating on wood (Bread) + Multi-color coating on paper card (Box) | 6 | 4 | ND |
| 5. Green coating on wood (Piece) + Purple coating on wood (Piece) + Yellow coating on wood (Piece) | 6 | 5 | ND |
| 6. Light yellow coating on wood (Bottle) + Dull green coating on wood (Bottle) w/ Dark grey coating on wood (Bottle) | 6 | 6 | ND |
| 7. Dull red coating on wood (Meat) w/ Light pink coating (Fish) w/ White, dark blue coating (Fish) | 6 | 7 | ND |
| 8. Transparent lacquer w/ dark orange, cream coating on wood (Carrot) w/ Light yellow, bright green coating on wood (Carrot) | 6 | 8 | ND |
| 9. Transparent lacquer w/ dark purple coating on wood (Eggplant) + Transparent lacquer w/ brown, cream, coffee coating on wood (Mushroom) + Transparent lacquer w/ dark green, yellow coating on wood (Vegetable) | 6 | 9 | ND |
| 10. Transparent lacquer w/ orange coating on wood (Carrot) + Light purple coating on wood (Vegetable) + Bright yellow coating on wood (Cheese) | 6 | 10 | ND |
| 11. Pale brown coating on wood (Potato) w/ Cream-yellow coating on wood (Potato) w/ Dark coffee coating (Logo, pattern) | 6 | 11 | ND |
| 12. Light green coating on wood (Piece) + Dull orange coating on wood (Piece) + Dull cyan coating on wood (Ring) | 6 | 12 | ND |
| 13. Red coating on metal (Key) + Green coating on metal (Key) + Cyan coating on metal (Key) | 6 | 13 | ND |
| 14. Purple coating on metal (Key) + Pink coating on metal (Key) | 6 | 14 | ND |



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| Test Item(s) | | | Lead (Pb) |
|---|-----------|-------------|-----------------|
| Permissible Limit (ppm) | | | 90 |
| Client's Limit (ppm) | | | 40 |
| Specimen Description | Alias No. | Tracing No. | Result(s) (ppm) |
| 15. Bright white coating on wood (Board, block) + Off-white coating on wood (Edge) + Light cyan coating on wood (Block, pattern) | 6 | 15 | ND |
| 16. Cyan coating on wood (Pattern) w/ Dull purple coating on wood (Pattern) w/ Dull pink coating on wood (Pattern) | 6 | 16 | ND |
| 17. White coating on wood (Egg, yogurt, board, drumstick, vegetable) w/ White coating on fabric (Lemon) + Orange coating on wood (Bottle) | 6 | 17 | ND |
| 18. Transparent lacquer coating on wood (Spoon, bottle, board) w/ Black coating on wood (Pattern, lettering) w/ Dull brown coating on wood (Logo) | 6 | 18 | ND |

- Note:
- ppm = parts per million
 - 1% = 10000 mg/kg = 10000 ppm
 - MDL = Method Detection Limit = 10 ppm
 - ND = Not Detected (lower than MDL)



SGS-CSTC Shenzhen Technical Services Co., Ltd.
Shenzhen Branch Testing Center Hardlines

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中国·广东·深圳市龙岗区坂田街道坂田社区吉华路430号江灏(坂田)工业厂区厂房4号 101-901、2号101、3号301-501 邮编: 518129 t:(86-755) 25328888 sgs.china@sgs.com

CPSIA - Lead in Accessible Substrate Materials

Method (non-metallic materials): With reference to CPSC-CH-E1002-08.3 - Standard Operation Procedure for Determining Total Lead (Pb) in Non-Metal Children Product

Method (metal materials): With reference to CPSC-CH-E1001-08.3 - Standard Operating Procedure for Determining Total Lead (Pb) in Children's Metal Products (Including Children's Metal Jewelry)

| Test Item(s) | Lead (Pb) | | |
|--|-----------|-------------|-----------------|
| Permissible Limit **(ppm) | 100 | | |
| Client's Limit (ppm) | 40 | | |
| Specimen Description | Alias No. | Tracing No. | Result(s) (ppm) |
| 1. Grey plastic (ABS) (Knife) + Black plastic (HDPE) (Knife) + Light grey plastic (HDPE) (Spoon, fork) | 7 | 1 | ND |
| 2. Dark green soft plastic (EVA) (Leaf) + Light green soft plastic (EVA) (Leaf) + Yellow-green soft plastic (EVA) (Leaf) | 7 | 2 | ND |
| 3. Silvery-grey plastic (PP) (Grater) + Dull blue plastic (ABS) (Fish) | 7 | 3 | ND |
| 4. White felt w/ green series printing (Piece) + White felt w/ red series & black printing (Piece) | 7 | 4 | ND |
| 5. White plastic (ABS) (Bowl, base) + White plastic (PP) (Bowl, wheel) + Light pink plastic (ABS) (Fish) | 7 | 5 | ND |
| 6. Green plastic (ABS) (Broccoli) + Silvery-grey plastic (HDPE) (Peeler) | 7 | 6 | ND |
| 7. White plastic (POM) (Holder) + Red plastic (PP) (Cup) | 7 | 7 | ND |
| 8. White felt w/ purple printing (Piece) + White felt w/ yellow series printing (Piece) | 7 | 8 | ND |
| 9. Red plastic (POM) (Gear) + Cream plastic (POM) (Holder) + White plastic (Nut) | 7 | 9 | ND |
| 10. Brown hardboard + Cream plywood | 7 | 10 | ND |
| 11. Yellow silicone rubber (Banana) + Light yellow plastic (ABS) (Banana) + Transparent plastic (ABS) (Bottle) | 8 | 1 | ND |
| 12. Red foam (EVA) (Tyre) + White silicone rubber (Drum) | 8 | 2 | ND |
| 13. Dull red plastic (PP) (Wheel, box) + Bright red plastic (Holder) + Black silicone rubber (Pad) | 8 | 3 | ND |
| 14. White plastic (Gear) + Red plastic (ABS) (Cap, button, drum, holder) + White rubber core (Elastic cord) | 8 | 4 | ND |
| 15. Silvery metal screw (Base, cover) | 9 | 1 | ND |
| 16. Silvery metal bolt (Body) | 9 | 2 | ND |
| 17. Silvery metal nut (Body) | 9 | 3 | 22 |
| 18. Silvery metal big bolt (Body) | 9 | 4 | ND |
| 19. Silvery metal big nut (Body) | 9 | 5 | 13 |



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| Test Item(s) | Lead (Pb) | | |
|--|-----------|-------------|-----------------|
| Permissible Limit **(ppm) | 100 | | |
| Client's Limit (ppm) | 40 | | |
| Specimen Description | Alias No. | Tracing No. | Result(s) (ppm) |
| 20. Silvery metal small flat head acrow (Body) | 9 | 6 | ND |
| 21. Dull silvery metal bolt (Handle) | 9 | 7 | 12 |
| 22. Silvery metal pole (Body) | 9 | 8 | ND |
| 23. Silvery metal axle (Wheel) | 9 | 9 | ND |
| 24. Silvery metal big flat head acrow (Body) | 9 | 10 | ND |
| 25. Silvery metal bigger bolt (Wheel) | 9 | 11 | ND |
| 26. Silvery metal key (Longgest) | 9 | 12 | ND |
| 27. Silvery metal key (Longger) | 9 | 13 | ND |
| 28. Silvery metal key (Long) | 9 | 14 | ND |
| 29. Silvery metal key (Short) | 9 | 15 | ND |
| 30. Silvery metal key (Shorter) | 9 | 16 | ND |

** Permissible Limit applies to a children's product manufactured after 14 August 2011 (Public Law 110-314 (Consumer Product Safety Improvement Act of 2008) and its Amendments Public Law 112-28)

- Note:
- ppm = parts per million
 - ND = Not Detected (lower than MDL)
 - MDL = Method Detection Limit = 10 ppm
 - 1% = 10000 mg/kg = 10000 ppm

Remark:

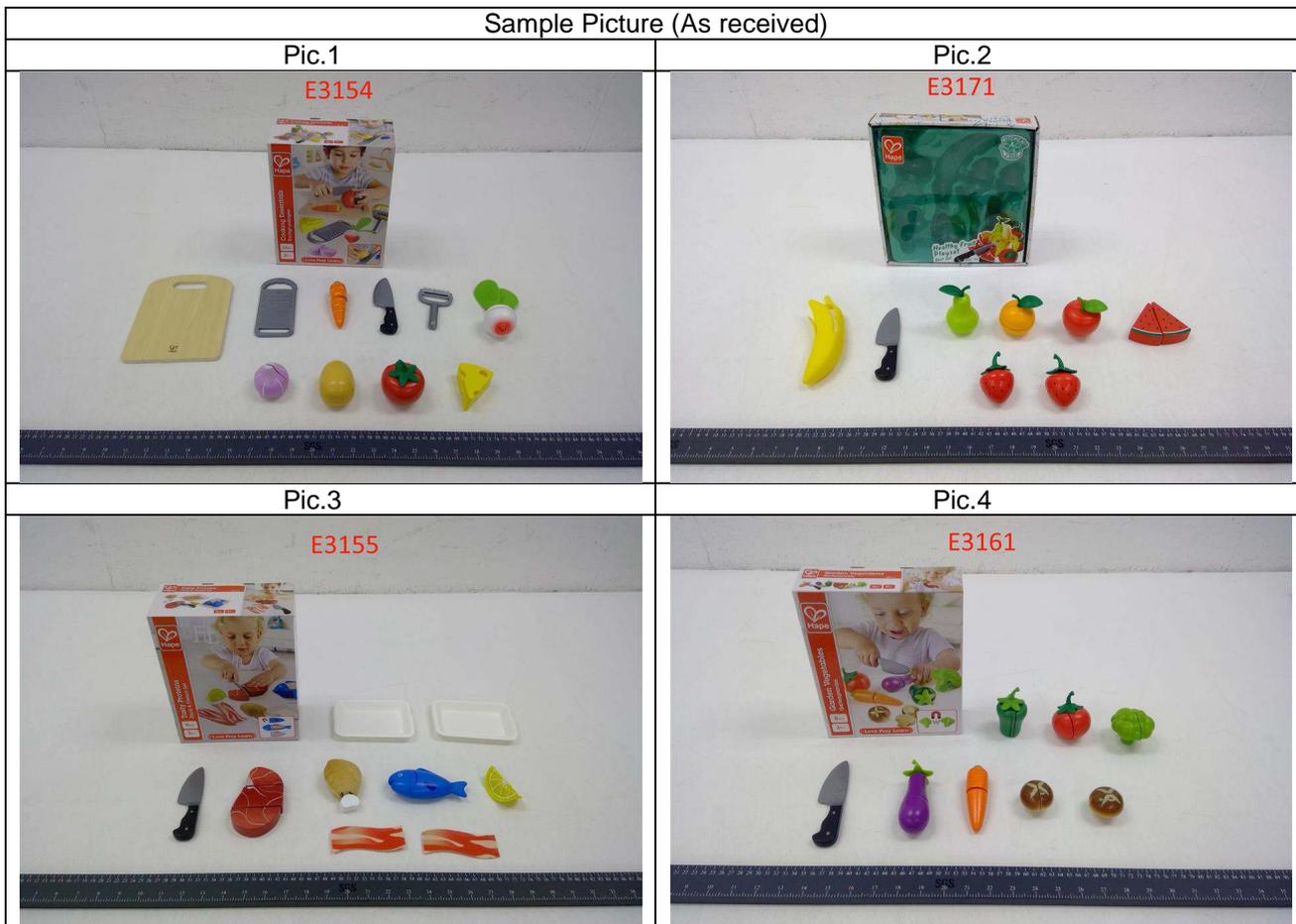
1. Since the data and / or information above division line of front page is provided by the applicant, the relevant results or conclusions of this report are only made for these data and / or information, SGS shall not be responsible for the authenticity and integrity of such data and information and the validity of the results and / or conclusions arising therefrom. Testing results only apply to the sample as received.
2. The statement of conformity has considered the decision rule based on the Guarded acceptance (8.3.2 of ISO/IEC GUIDE 98-4:2012). When the measured value falls within the guard band, only the test data and measurement uncertainty will be reported. The guard band is equal to the expanded measurement uncertainty with a 95% coverage probability($k=2$), $w = U_{95}$. The Probability of False Accept and the Probability of False Reject of the decision rule are 2.5%.
 For Upper Tolerance Limit (T_U):
 Pass - when the measurement result is below $T_U - U_{95}$
 Fail - when the measurement result is above $T_U + U_{95}$
 Inconclusive - when the measurement result is falling in guard band $[T_U - U_{95}, T_U + U_{95}]$
 For Lower Tolerance Limit (T_L):
 Pass - when the measurement result is above $T_L + U_{95}$
 Fail - when the measurement result is below $T_L - U_{95}$
 Inconclusive - when the measurement result is falling in guard band $[T_L - U_{95}, T_L + U_{95}]$



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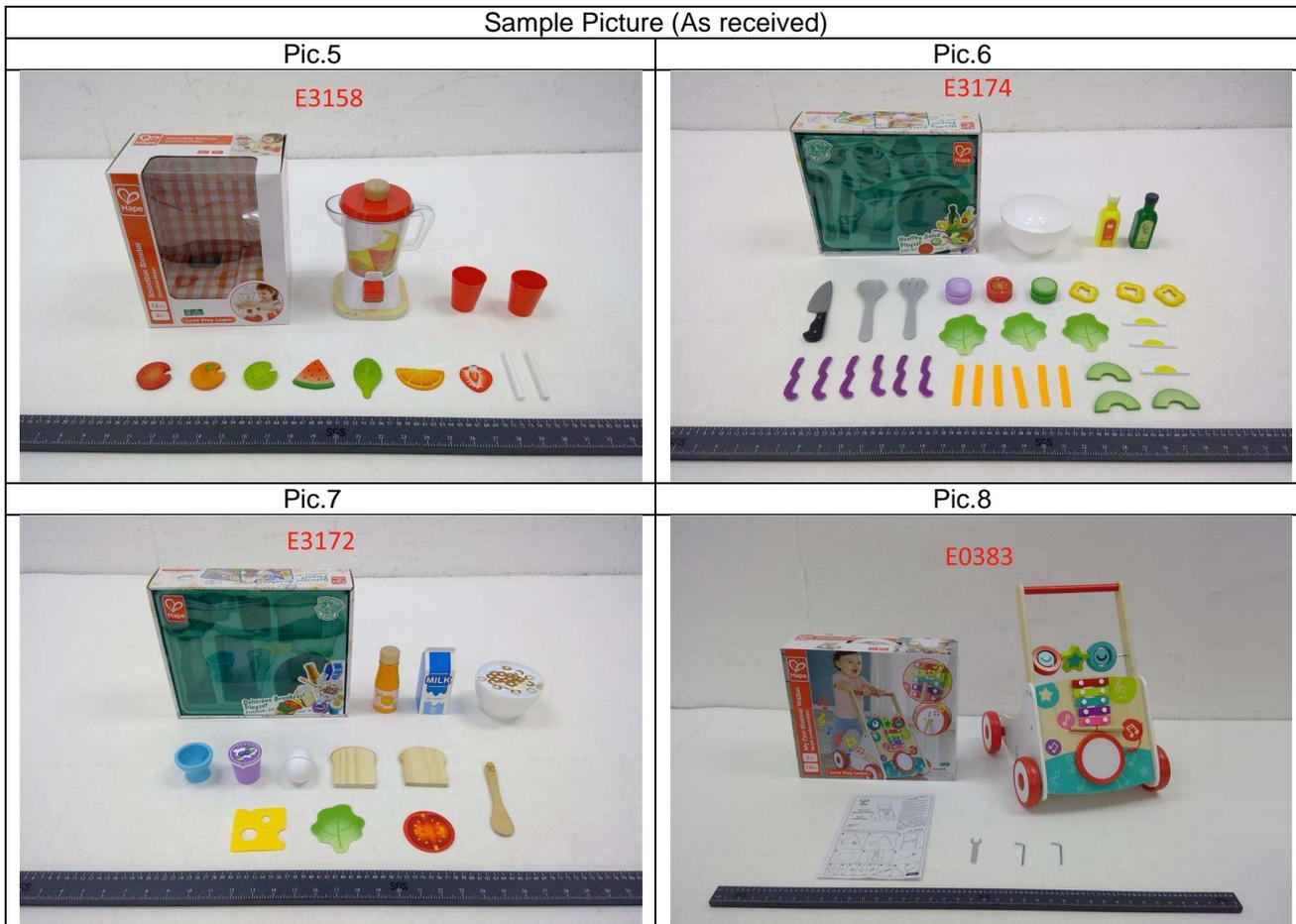
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