

**Report No.:** NB212508040088

**Date:** August 12, 2025

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**Applicant:** Nobility Inc

**Address:** 251 Little Falls Drive, Wilmington, Delaware, United States, 19808

The following merchandise were submitted and identified by the clients as:

**Sample Name:** SainSmart Jr. Wooden Baby Walker

**Model No.:** 808-20-M12

**Exported to:** USA

**Manufacturer:** Dongguan Nobility Industrial Development Co., Ltd.

**Manufacturer address:** Room 201, Building 19, No.1, Dongke Road, DongCheng Street, Dongguan city, Guangdong Province, China.

**Applicant's specified age** 18M+

**group for testing:**

**Testing Age Grading:** For ages over 18 months

The following information were confirmed by the laboratory:

**Sample Receiving Date:** August 5, 2025

**Testing Period:** From August 5, 2025 to August 12, 2025

**Test Results:** Please refer to next pages

## **Test Requested**

Please refer to the next page

Signed for and on behalf of Guangdong NewBest Testing Service Co., Ltd.

Approved by:



Manager

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## Summary of test results

| Test Requested |                                                                                                                                                        | Conclusion |
|----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|------------|
| 1              | Mechanical and Physical Properties Requirements -ASTM F963-23, Standard Consumer Safety Specification for Toy Safety                                   | PASS       |
| 2              | Flammability of Solids Requirement -ASTM F963-23,A5, Standard Consumer Safety Specification for Toy Safety                                             | PASS       |
| 3              | Sharp Point , Sharp Edge and Small Parts test- U.S. CFR Title 16 (CPSC Regulations) Part 1500.48,1500.49&1501                                          | PASS       |
| 4              | 16 CFR Part 1500.44, Method for determining extremely flammable and flammable solids                                                                   | PASS       |
| 5              | CPSIA Tracking Labels for Children's Products                                                                                                          | PASS       |
| 6              | Total Lead Content in Surface Coating - ASTM F963-23, Section 4.3.5.1(1)                                                                               | PASS       |
| 7              | Total Lead Content in Substrate - ASTM F963-23, Section 4.3.5.2(2)(a)                                                                                  | PASS       |
| 8              | Soluble Heavy Metals Content in Surface Coating - ASTM F963-23, Section 4.3.5.1(2)                                                                     | PASS       |
| 9              | Soluble Heavy Metals Content in Substrate - ASTM F963-23, Section 4.3.5.2(2)(b)                                                                        | PASS       |
| 10             | Phthalate Content – ASTM F963-23                                                                                                                       | PASS       |
| 11             | Total Lead Content in Surface Coating - United States Code of Federal Regulations (CFR), Title 16, Part 1303                                           | PASS       |
| 12             | Total Lead Content in Surface Coating - United States Consumer Product Safety Improvement Act (CPSIA) of 2008, Section 101(f)                          | PASS       |
| 13             | Total Lead Content in Substrate - United States Consumer Product Safety Improvement Act (CPSIA) Section 101(a)(2)                                      | PASS       |
| 14             | Phthalates Content in Children's Toys and Childcare Articles – Consumer Product Safety Improvement Act (CPSIA) of 2008, Section 108 / 16 CFR part 1307 | PASS       |
| 15             | Total Cadmium Content - Washington Children's Safe Products Act (CSPA) - RCW 70A.430.020                                                               | PASS       |

Remark: Tested part(s) was/were specified by client.

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**Test results:**

Tested part(s) description:

| Test Item(s) | Description                      | Location                |
|--------------|----------------------------------|-------------------------|
| I001         | Light yellow coating             | Aluminum piano surface  |
| I002         | Light blue coating               | Aluminum piano surface  |
| I003         | Red coating                      | Aluminum piano surface  |
| I004         | Orange coating                   | Aluminum piano surface  |
| I005         | Orange pink coating              | Surface of wooden block |
| I006         | Multi-color/transparent varnish  | Surface of wooden board |
| I007         | Light green coating              | Surface of wooden board |
| I008         | Orange coating                   | Stick surface           |
| I009         | Blue plastic                     | Aluminum piano chassis  |
| I010         | White plastic                    | Wooden block fixation   |
| I011         | Transparent plastic              | Mirror                  |
| I012         | Beige plastic                    | Nail                    |
| I013         | Black soft plastic               | Wheel                   |
| I014         | Silver metal                     | Vibraphone              |
| I015         | Silver metal                     | Gear nail               |
| I016         | Silver metal                     | Screw                   |
| I017         | White felt                       | Shim                    |
| I018         | Natural color plywood            | Board                   |
| I019         | SainSmart Jr. Wooden Baby Walker | --                      |

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## 1. Mechanical and Physical Properties Requirements -ASTM F963-23, Standard Consumer Safety Specification for Toy Safety

| Section | Requirement                                                                           | Result                    |
|---------|---------------------------------------------------------------------------------------|---------------------------|
| 4       | Safety requirements                                                                   |                           |
| 4.1     | Material Quality                                                                      | M                         |
| 4.3     | Toxicology                                                                            | Refer to chemical section |
| 4.3.5   | Heavy Elements                                                                        | M                         |
| 4.3.5.1 | Paint and Similar Surface-Coating Materials                                           | M                         |
| 4.3.5.2 | Toy Substrate Materials                                                               | M                         |
| 4.3.6   | Cosmetics, Liquids, Pastes, Putties, Gels, Powders, and Items of Avian Feather Origin | N/A                       |
| 4.3.7   | Stuffing Materials                                                                    | N/A                       |
| 4.5     | Sound-Producing Toys                                                                  | N/A                       |
| 4.6     | Small Objects                                                                         |                           |
| 4.6.1   | For children under 36 months                                                          | M                         |
| 4.6.2   | Mouth-actuated Toys                                                                   | N/A                       |
| 4.6.3   | For children 36 months and over but under 72 months                                   | N/A                       |
| 4.7     | Accessible Edges                                                                      | M                         |
| 4.8     | Projections                                                                           | M                         |
| 4.9     | Accessible Points                                                                     | M                         |
| 4.10    | Wires and Rods                                                                        | N/A                       |
| 4.11    | Nails and Fasteners                                                                   | M                         |
| 4.12    | Plastic Film                                                                          | N/A                       |
| 4.13    | Folding Mechanisms and Hinges                                                         | N/A                       |
| 4.14    | Cords, Straps and Elastics                                                            | N/A                       |
| 4.15    | Stability and Over-Load Requirements                                                  | N/A                       |
| 4.16    | Confined Spaces                                                                       | N/A                       |
| 4.17    | Wheels, Tires, and Axles                                                              | N/A                       |
| 4.18    | Holes, Clearances and Accessibility of Mechanisms                                     | M                         |
| 4.19    | Simulated Protective Devices                                                          | N/A                       |
| 4.20    | Pacifiers                                                                             | N/A                       |
| 4.21    | Projectile Toys                                                                       | N/A                       |
| 4.22    | Teethers and Teething Toys                                                            | N/A                       |
| 4.23    | Rattles                                                                               | N/A                       |

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| Section  | Requirement                                                 | Result |
|----------|-------------------------------------------------------------|--------|
| 4.24     | Squeeze Toys                                                | N/A    |
| 4.25     | Battery-Operated Toys                                       | N/A    |
| 4.26     | Toys Intended to be Attached to a Crib or Playpen           | N/A    |
| 4.27     | Stuffed and Beanbag-Type Toys                               | N/A    |
| 4.28     | Stroller and carriage toys                                  | N/A    |
| 4.30     | Toy Gun Marking                                             | N/A    |
| 4.31     | Balloons                                                    | N/A    |
| 4.32     | Certain Toys with Nearly Spherical Ends                     | N/A    |
| 4.33     | Marbles                                                     | N/A    |
| 4.34     | Small Balls                                                 | N/A    |
| 4.35     | Pompoms                                                     | N/A    |
| 4.36     | Hemispheric-Shaped Objects                                  | N/A    |
| 4.37     | Yo Yo Elastic Tether Toys                                   | N/A    |
| 4.38     | Magnets                                                     | N/A    |
| 4.39     | Jaw Entrapment in Handles and Steering Wheels               | N/A    |
| 4.40     | Expanding Materials                                         | N/A    |
| 4.41     | Toy chests                                                  | N/A    |
| 5        | Labeling Requirements                                       | M      |
| 5.1      | Tracking label                                              | M      |
| 5.4&5.3  | Aquatic Toys                                                | N/A    |
| 5.5&5.3  | Crib and Playpen Toys                                       | N/A    |
| 5.6&5.3  | Mobiles                                                     | N/A    |
| 5.7&5.3  | Stroller and Carriage Toys                                  | N/A    |
| 5.8&5.3  | Toys Intended to be Assembled by an Adult                   | M      |
| 5.9&5.3  | Simulated Protective Devices                                | N/A    |
| 5.10&5.3 | Toys with Functional Sharp Edges or Points                  | N/A    |
| 5.11     | Small Objects, Small Balls, Marbles, and Balloons           | N/A    |
| 5.12     | Art Materials                                               | N/A    |
| 5.13     | Electric Toys                                               | N/A    |
| 5.14     | Battery-operated Toys                                       | N/A    |
| 5.14&5.3 | Battery operated toys (Toys with non-replaceable batteries) | N/A    |
| 5.15     | Promotional Materials                                       | M      |
| 5.16&5.3 | Magnets                                                     | N/A    |

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| Section | Requirement                                                             | Result |
|---------|-------------------------------------------------------------------------|--------|
| 6       | Instructional Literature                                                | M      |
| 6.1     | Definition and Description                                              | M      |
| 6.2     | Crib and Playpen Toys                                                   | N/A    |
| 6.3     | Mobiles                                                                 | N/A    |
| 6.4&5.3 | Toys Intended to be Assembled by and Adult                              | M      |
| 6.5     | Battery operated toys                                                   | N/A    |
| 6.6     | Battery powered ride-on toys                                            | N/A    |
| 6.7     | Toys in Contact with Food                                               | N/A    |
| 6.8     | Toy Chests                                                              | N/A    |
| 6.9     | Electric toy matching tools                                             | N/A    |
| 7       | Producer's Markings                                                     | M      |
| 7.1     | Name of the producer or the distributor                                 | M      |
|         | Address of the producer or the distributor                              | M      |
| 7.2     | Battery powered ride on toys                                            | N/A    |
| 7.3     | Toy chests                                                              | N/A    |
| 8       | Test Methods                                                            |        |
| 8.5     | Normal Use Testing                                                      | M      |
| 8.5.1   | Washable Toys                                                           | N/A    |
| 8.6     | Abuse Testing                                                           | M      |
| 8.7     | Impact Tests                                                            | M      |
| 8.7.1   | Drop Test                                                               | M      |
| 8.7.2   | Tip-over Test for Large, Bulky Toys                                     | N/A    |
| 8.7.3   | Tumble Test for Wheeled Toys                                            | N/A    |
| 8.7.4   | Impact Test for Toys that Cover the Face                                | N/A    |
| 8.8     | Torque Tests for Removal of Components                                  | M      |
| 8.9     | Tension Test for Removal of Components                                  | M      |
| 8.10    | Compression Test                                                        | M      |
| 8.11    | Tests for Tire Removal and Snap-in Wheel and Axle Assembly Removal      | N/A    |
| 8.12    | Flexure Test                                                            | N/A    |
| 8.13    | Test Methods for Mouth-actuated Toys and Mouth-actuated Projectile Toys | N/A    |
| 8.14    | Projectiles                                                             | N/A    |
| 8.15    | Test for Stability of Ride-on Toys or Toy Seats                         | N/A    |

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| Section | Requirement                                             | Result |
|---------|---------------------------------------------------------|--------|
| 8.16    | Tension test for pompoms                                | N/A    |
| 8.17    | Stalled Motor Test for Battery-operated Toys            | N/A    |
| 8.18    | Tests for Battery-powered Ride-on Toys                  | N/A    |
| 8.19    | Test for Toys that Contain Secondary Cells or Batteries | N/A    |
| 8.20    | Tests for Toys Which Produce Sound                      | N/A    |
| 8.21    | Dynamic Strength Test for Wheeled Ride-on Toys          | N/A    |
| 8.22    | Plastic Film Thickness                                  | N/A    |
| 8.23    | Test for Loops and Cords                                | N/A    |
| 8.24    | Yo Yo Elastic Tether Toy Test Methods                   | N/A    |
| 8.25    | Flux Density Measurement                                | N/A    |
| 8.26    | Test Methods for Locking Mechanisms or Other Means      | N/A    |
| 8.27    | Tests for Toy Chest Lids and Closures                   | N/A    |
| 8.28    | Test for Overload of Ride-On Toys and Toy Seats         | N/A    |
| 8.29    | Stuffing Materials Evaluation                           | N/A    |
| 8.30    | Expanding Materials—Test Method                         | N/A    |

Note: M = Meet NM = Not meet N/A = Not Applicable NR = Not Requested by the client

## APPROPRIATE AGE GRADE DETERMINATION

The Appropriate Age Grade is determined with reference to the Age Determination Guidelines of the Consumer Product Safety Commission (CPSC); and the ASTM F963-23, "Standard Consumer Safety Specification on Toy Safety". Annex A1

Note : The most stringent age grade from the Labeled Age Grade and the Appropriate Age Grade will be used for testing.

Note : If the client does not specify an age grade for testing or request Guangdong Newbest Testing Service Co.,Ltd. to determine an appropriate age grade, the labeled age grade will be used for testing.

The submitted samples were undergone the use and abuse tests in accordance with the Federal Hazardous Substances Act (FHSA), Title 16, Code of Federal Regulations:

| Testing Items | FHSA               | Parameter     |
|---------------|--------------------|---------------|
| Drop Test     | Section 1500.51(b) | 10×4.5 ft     |
| Torque Test   | Section 1500.53(e) | 4.0 inch ·lbf |
| Tension Test  | Section 1500.53(f) | 15 lbf        |
| Pressure test | Section 1500.53(g) | 30 lbf        |

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## 2. Flammability of Solids Requirement -ASTM F963-23,A5, Standard Consumer Safety Specification for Toy Safety

Test Method: Federal Hazardous Substances Act (FHSA) 16 CFR 1500.44

| Test Item | Result | Requirement                                      | Conclusion |
|-----------|--------|--------------------------------------------------|------------|
| I019      | DNI    | Burn rate should not be greater than 0.1 in/sec. | PASS       |

- Note:**
- 1.DNI = Did not ignite.
  - 2.IBE = Ignited but self-extinguished before burn-rate could be determined.
  - 3.In accordance with the FHSA 16 CFR 1500.3 (C) (6) (vi), the burning rate should not be greater than 0.1 in/sec.
  - 4.The burn rate of all samples is greater than 0.1 in. /s (2.5 mm/s) but less than 0.15 in. /s (3.75 mm/s), accept and consider further investigation for action to improve performance.
  - 5.All styles of the submitted toy samples (and its accessories) was/were tested, the above result only showed the most severe burn rate of the samples.

## 3. Sharp Point , Sharp Edge and Small Parts test- U.S. CFR Title 16 (CPSC Regulations) Part 1500.48,1500.49&1501

| Part           | Requirement  | Result |
|----------------|--------------|--------|
| 16 CFR 1501    | Small Parts  | M      |
| 16 CFR 1500.49 | Sharp Edges  | M      |
| 16 CFR 1500.48 | Sharp Points | M      |

- Note:**
1. M = Meet NM = Not meet N/A = Not Applicable
  2. 16 CFR 1501 Small part test does not apply to toys or articles which are solely intended for use by children 3 years of age or older.

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## APPROPRIATE AGE GRADE DETERMINATION

The Appropriate Age Grade is determined with reference to the Age Determination Guidelines of the Consumer Product Safety Commission (CPSC); and the ASTM F963-23, "Standard Consumer Safety Specification on Toy Safety". Annex A1

Note : The most stringent age grade from the Labeled Age Grade and the Appropriate Age Grade will be used for testing.

Note : If the client does not specify an age grade for testing or request Guangdong Newbest Testing Service Co.,Ltd. to determine an appropriate age grade, the labeled age grade will be used for testing.

The submitted samples were undergone the use and abuse tests in accordance with the Federal Hazardous Substances Act (FHSA), Title 16, Code of Federal Regulations:

| Testing Items | FHSA               | Parameter    |
|---------------|--------------------|--------------|
| Drop Test     | Section 1500.51(b) | 10×4.5 ft    |
| Torque Test   | Section 1500.53(e) | 4.0 inch·lbf |
| Tension Test  | Section 1500.53(f) | 15 lbf       |
| Pressure test | Section 1500.53(g) | 30 lbf       |

## 4. 16 CFR Part 1500.44, Method for determining extremely flammable and flammable solids

| Requirement                                         | Test Method Reference | Findings       |
|-----------------------------------------------------|-----------------------|----------------|
| Burn rate no greater than 0.1 of an inch per second | 16 CFR 1500.44        | Did Not Ignite |

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## 5. CPSIA Tracking Labels for Children's Products

Test Method: As specified in Consumer Product Safety Improvement Act (CPSIA) of 2008 Section 103

Tracking label on the product

| Requirement                                                                                                               | Result  |
|---------------------------------------------------------------------------------------------------------------------------|---------|
| Name of the manufacture or the name of the private labeler.                                                               | Present |
| Manufacture location, including the name of the city and country, or the name of other means of coding of city and state. | Present |
| Date of the production of the product, in a form of Month/ Year or any other coding system.                               | Present |
| The cohort information (including the batch, run number, or other identifying characteristic.                             | Present |
| Permanent remark                                                                                                          | Present |

Tracking label on the packaging

| Requirement                                                                                                               | Result  |
|---------------------------------------------------------------------------------------------------------------------------|---------|
| Name of the manufacture or the name of the private labeler.                                                               | Present |
| Manufacture location, including the name of the city and country, or the name of other means of coding of city and state. | Present |
| Date of the production of the product, in a form of Month/ Year or any other coding system.                               | Present |
| The cohort information (including the batch, run number, or other identifying characteristic.                             | Present |
| Permanent remark                                                                                                          | Present |

**Note:** The tracking label assessment was based on the submitted samples and the information provided or not provided by the applicant. There is no verification on the validity of such information.

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## 6. Total Lead Content in Surface Coating - ASTM F963-23, Section 4.3.5.1(1)

Test Method: ASTM F963-23 Section 8.3.1, Analyzed by Inductively Coupled Plasma Optical Emission Spectrometry or Atomic Absorption Spectrometry.

| Limit          | 90 mg/kg       |            |
|----------------|----------------|------------|
| Test Item(s)   | Result (mg/kg) | Conclusion |
| I001+I002+I003 | 14             | PASS       |

Note: N.D.= Not Detected(<MDL)  
 mg/kg = milligram per kilogram = ppm = part per million  
 MDL= Detection Limit (mg/kg): 10  
 Results shown are of the total weight of mixed samples.

## 7. Total Lead Content in Substrate - ASTM F963-23, Section 4.3.5.2(2)(a)

Test Method: ASTM F963-23 Section 8.3.1, Analyzed by Inductively Coupled Plasma Optical Emission Spectrometry or Atomic Absorption Spectrometry.

| Limit          | 100 mg/kg      |            |
|----------------|----------------|------------|
| Test Item(s)   | Result (mg/kg) | Conclusion |
| I009+I010+I011 | N.D.           | PASS       |
| I014+I015+I016 | N.D.           | PASS       |

Note: N.D.= Not Detected(<MDL)  
 mg/kg = milligram per kilogram = ppm = part per million  
 MDL= Detection Limit (mg/kg): 10  
 Results shown are of the total weight of mixed samples.

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**8. Soluble Heavy Metals Content in Surface Coating - ASTM F963-23, Section 4.3.5.1(2)**

Test Method: ASTM F963-23, Sections 8.3.2 to 8.3.4, Analyzed by Inductively Coupled Plasma Optical Emission Spectrometry.

| Analyte               | Result (mg/kg) |      | Limit (mg/kg) |
|-----------------------|----------------|------|---------------|
|                       | Test Item(s)   |      |               |
|                       | I007           | I008 |               |
| Soluble Arsenic (As)  | N.D.           | N.D. | 25            |
| Soluble Barium (Ba)   | N.D.           | N.D. | 1000          |
| Soluble Cadmium (Cd)  | N.D.           | N.D. | 75            |
| Soluble Chromium (Cr) | N.D.           | N.D. | 60            |
| Soluble Mercury (Hg)  | N.D.           | N.D. | 60            |
| Soluble Lead (Pb)     | N.D.           | N.D. | 90            |
| Soluble Antimony (Sb) | N.D.           | N.D. | 60            |
| Soluble Selenium (Se) | N.D.           | N.D. | 500           |
| Conclusion            | PASS           | PASS | --            |

Note: N.D.= Not Detected(<MDL)  
 mg/kg = milligram per kilogram = ppm = part per million  
 MDL= Detection Limit (mg/kg): 5

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**9. Soluble Heavy Metals Content in Substrate - ASTM F963-23, Section 4.3.5.2(2)(b)**

Test Method: ASTM F963-23, Section 8.3.5 (Excluding 8.3.5.5(3)), Analyzed by Inductively Coupled Plasma Optical Emission Spectrometry.

| Analyte               | Result (mg/kg) |      | Limit (mg/kg) |
|-----------------------|----------------|------|---------------|
|                       | Test Item(s)   |      |               |
|                       | I017           | I018 |               |
| Soluble Arsenic (As)  | N.D.           | N.D. | 25            |
| Soluble Barium (Ba)   | N.D.           | N.D. | 1000          |
| Soluble Cadmium (Cd)  | N.D.           | N.D. | 75            |
| Soluble Chromium (Cr) | N.D.           | N.D. | 60            |
| Soluble Mercury (Hg)  | N.D.           | N.D. | 60            |
| Soluble Lead (Pb)     | N.D.           | N.D. | 90            |
| Soluble Antimony (Sb) | N.D.           | N.D. | 60            |
| Soluble Selenium (Se) | N.D.           | N.D. | 500           |
| Conclusion            | PASS           | PASS | --            |

Note: N.D.= Not Detected(<MDL)  
 mg/kg = milligram per kilogram = ppm = part per million  
 MDL= Detection Limit (mg/kg): 5

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## 10. Phthalate Content – ASTM F963-23

Test Method: CPSC-CH-C1001-09.4, Analyzed by Gas Chromatography-Mass Spectrometer.

| Analyte                            | Requirement<br>(%, w/w) | Result (%, w/w) |                |
|------------------------------------|-------------------------|-----------------|----------------|
|                                    |                         | Test Item(s)    |                |
|                                    |                         | I004+I005+I006  | I011+I012+I013 |
| Di-(2-ethylhexyl) phthalate (DEHP) | 0.1                     | N.D.            | N.D.           |
| Dibutyl phthalate (DBP)            | 0.1                     | N.D.            | N.D.           |
| Benzylbutyl phthalate (BBP)        | 0.1                     | N.D.            | N.D.           |
| Di-iso-butyl phthalate (DINP)      | 0.1                     | N.D.            | N.D.           |
| Di-iso-butyl phthalate (DIBP)      | 0.1                     | N.D.            | N.D.           |
| Di-n-pentyl phthalate (DPENP/DnPP) | 0.1                     | N.D.            | N.D.           |
| Di-n-hexyl phthalate (DHEXP/DnHP)  | 0.1                     | N.D.            | N.D.           |
| Dicyclohexyl phthalate (DCHP)      | 0.1                     | N.D.            | N.D.           |
| Conclusion                         | --                      | PASS            | PASS           |

Note: N.D. = Not detected(<MDL)

MDL= Detection Limit: 0.005%

mg/kg = milligram per kilogram = ppm = part per million

10000 mg/kg = 1 %

Results shown are of the total weight of mixed samples.

## 11. Total Lead Content in Surface Coating - United States Code of Federal Regulations (CFR), Title 16, Part 1303

Test Method: CPSC-CH-E1003-09.1, Analyzed by Inductively Coupled Plasma Optical Emission Spectrometry or Atomic Absorption Spectrometry.

| Limit          | 90 mg/kg       |            |
|----------------|----------------|------------|
| Test Item(s)   | Result (mg/kg) | Conclusion |
| I001+I002+I003 | 14             | PASS       |

Note: N.D.= Not Detected(<MDL)

mg/kg = milligram per kilogram = ppm = part per million

MDL= Detection Limit (mg/kg): 10

Results shown are of the total weight of mixed samples.

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**12. Total Lead Content in Surface Coating - United States Consumer Product Safety Improvement Act (CPSIA) of 2008, Section 101(f)**

Test Method: CPSC-CH-E1003-09.1, Analyzed by Inductively Coupled Plasma Optical Emission Spectrometry or Atomic Absorption Spectrometry.

| Limit          | 90 mg/kg       |            |
|----------------|----------------|------------|
| Test Item(s)   | Result (mg/kg) | Conclusion |
| I001+I002+I003 | 14             | PASS       |

Note: N.D.= Not Detected(<MDL)  
 mg/kg = milligram per kilogram = ppm = part per million  
 MDL= Detection Limit (mg/kg): 10  
 Results shown are of the total weight of mixed samples.

**13. Total Lead Content in Substrate - United States Consumer Product Safety Improvement Act (CPSIA) Section 101(a)(2)**

Test Method: CPSC-CH-E1001-08.3 or CPSC-CH-E1002-08.3 , Analyzed by Inductively Coupled Plasma Optical Emission Spectrometry or Atomic Absorption Spectrometry.

| Limit          | 100 mg/kg      |            |
|----------------|----------------|------------|
| Test Item(s)   | Result (mg/kg) | Conclusion |
| I009+I010+I011 | N.D.           | PASS       |
| I014+I015+I016 | N.D.           | PASS       |

Note: N.D.= Not Detected(<MDL)  
 mg/kg = milligram per kilogram = ppm = part per million  
 MDL= Detection Limit (mg/kg): 10  
 Results shown are of the total weight of mixed samples.

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## 14. Phthalates Content in Children's Toys and Childcare Articles – Consumer Product Safety Improvement Act (CPSIA) of 2008, Section 108 / 16 CFR part 1307

Test Method: CPSC-CH-C1001-09.4, Analyzed by Gas Chromatography-Mass Spectrometer.

| Analyte                            | Requirement<br>(%, w/w) | Result (%, w/w) |                |
|------------------------------------|-------------------------|-----------------|----------------|
|                                    |                         | Test Item(s)    |                |
|                                    |                         | I004+I005+I006  | I011+I012+I013 |
| Di-(2-ethylhexyl) phthalate (DEHP) | 0.1                     | N.D.            | N.D.           |
| Dibutyl phthalate (DBP)            | 0.1                     | N.D.            | N.D.           |
| Benzylbutyl phthalate (BBP)        | 0.1                     | N.D.            | N.D.           |
| Di-iso-butyl phthalate (DINP)      | 0.1                     | N.D.            | N.D.           |
| Di-iso-butyl phthalate (DIBP)      | 0.1                     | N.D.            | N.D.           |
| Di-n-pentyl phthalate (DPENP/DnPP) | 0.1                     | N.D.            | N.D.           |
| Di-n-hexyl phthalate (DHEXP/DnHP)  | 0.1                     | N.D.            | N.D.           |
| Dicyclohexyl phthalate (DCHP)      | 0.1                     | N.D.            | N.D.           |
| <b>Conclusion</b>                  | --                      | PASS            | PASS           |

Note: N.D. = Not detected(<MDL) MDL= Detection Limit: 0.005%  
 mg/kg = milligram per kilogram = ppm = part per million  
 10000 mg/kg = 1 %  
 Results shown are of the total weight of mixed samples.

## 15. Total Cadmium Content - Washington Children's Safe Products Act (CSPA) - RCW 70A.430.020#

Test Method: With reference to CPSC-CH-E1002-08.3 or CPSC-CH-E1003-09.1, Analyzed by Inductively Coupled Plasma Optical Emission Spectrometry or Atomic Absorption Spectrometry.

| Limit          | 40 mg/kg       |            |
|----------------|----------------|------------|
| Test Item(s)   | Result (mg/kg) | Conclusion |
| I001+I002+I003 | N.D.           | PASS       |
| I009+I010+I011 | N.D.           | PASS       |
| I014+I015+I016 | N.D.           | PASS       |

Note: N.D.= Not Detected(<MDL)  
 mg/kg = milligram per kilogram = ppm = part per million  
 MDL= Detection Limit (mg/kg): 10  
 Results shown are of the total weight of mixed samples.

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Disclaimer Measurement Uncertainty:

Unless otherwise agreed upon, Pass or Fail verdicts are given based on the measured values without any considerations of measurement uncertainties. Please note, every test method has a measurement uncertainty which has been evaluated by the laboratory according to ISO/IEC 17025 requirements. By taking measurement uncertainties into account it might happen that measured values can neither be assessed as PASS nor as FAIL.

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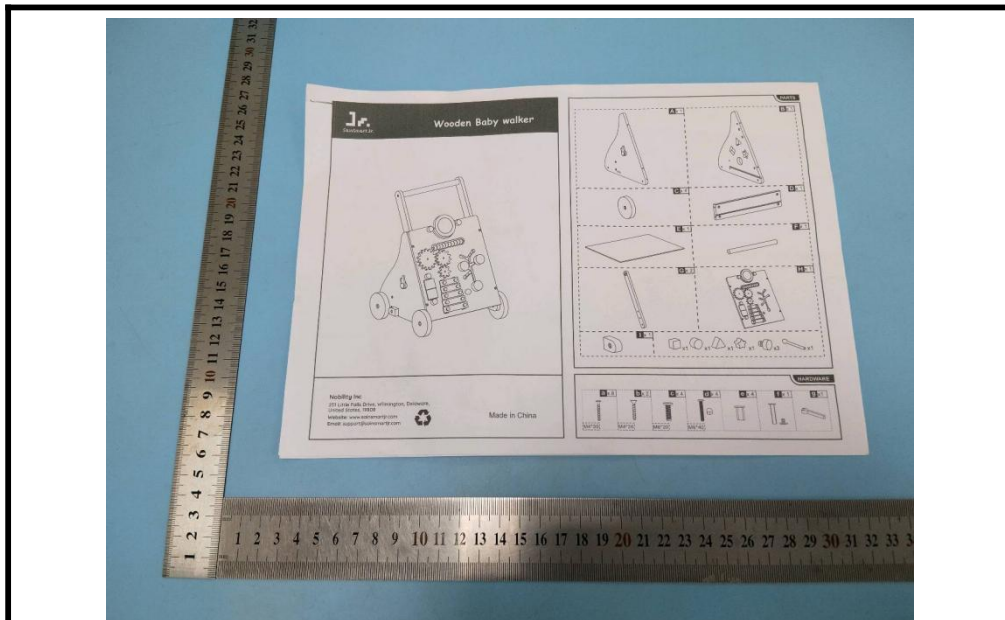
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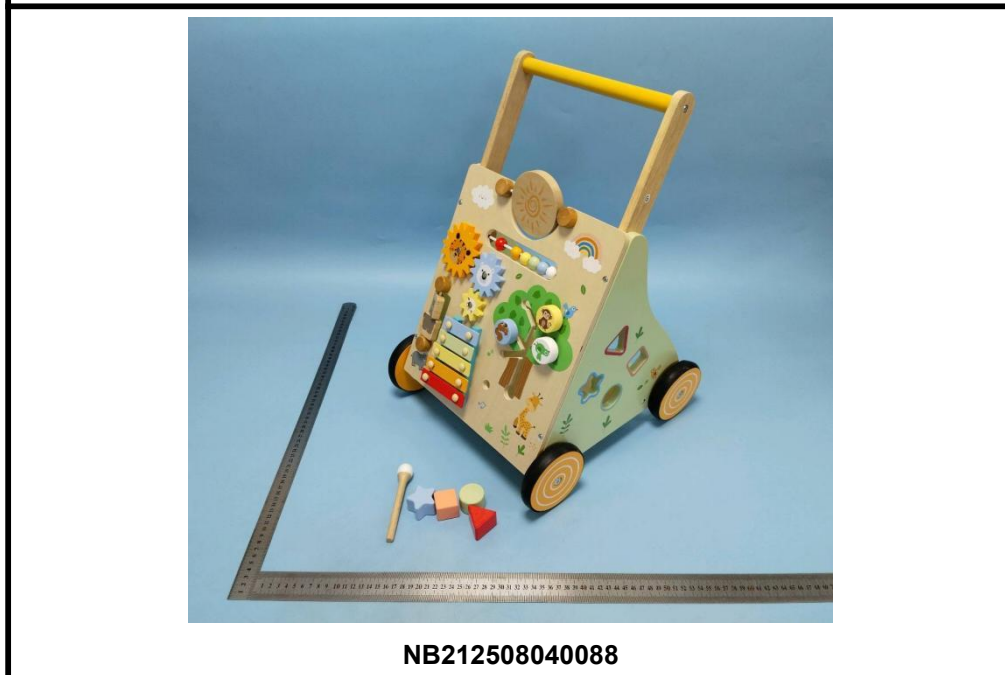
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Samples photograph



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