



# Test Report

SCOTT WILLIAMS  
BJ's Wholesale Club  
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Xuhui District, Shanghai, China  
Order#: 13495692  
Report#: 1001030797  
REVISION1  
Date: Sep 9, 2020  
Received Date: Aug 31, 2020

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Product Tested	inflatable 51" honey comb tumbler	Dept. Name	Toys
Vendor	PYRAMID TOYS LIMITED	Dept.#	98
Factory	AGS Industry Group Co.,Ltd	Model/Style No.	20522
Country of Origin	China	BJ's Article No.	256495
SPR/Reference#	2231	Product Type	Children's Product
UPC	797776181728	Product Status	Not Provided

### PRODUCT RATING:

Date Received Samples: Aug.31, 2020

Date Received Latest Information: Aug.31, 2020

Date of Test: Aug.31 - Sep.08, 2020

**Acceptable**

Satisfactory Improvement Needed

Unacceptable

### Executive Summary:

Based on the testing conducted and the criteria cited, the submitted product was rated as "**Acceptable**".

\*\*\*\*\* End of Page \*\*\*\*\*

*Note: 1. The results relate only to the items tested.*

*2. Superseded to the previous report 1001030797, Dated Sep.08, 2020, update photos according to client's request.*

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Approved By



JUSTIN ZHOU

Technical Manager

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**Protocol #: 2231 Toys: Children All Ages**

**Regulatory Testing**

Mechanical				
Test Property	Test Method	Product Requirement	Results	Rating
Bite Test: All Ages	16 CFR 1500.51, 16 CFR 1500.52 & 16 CFR 1500.53 (Modified) Citation: Federal Hazardous Substances Act	Modification: All hazardous conditions resulting from the bite test shall be rated as a failure. Toys and other items intended for use by children that are not intended for the mouth: Any graspable component shall be tested at 50 lbs ± 0.5 lbs (22.74 kg) evenly applied within 5 seconds and maintained for an additional 10 seconds. No potentially hazardous conditions (sharp points, sharp edges, or small parts) shall be detected. Toys and other items intended for use by children that are intended for the mouth: Any graspable component of a mouth-intended sample shall be tested at 100 lbs ± 0.5 lbs (45.50 kg) evenly applied within 5 seconds and maintained for an additional 10 seconds. No potentially hazardous conditions (sharp points, sharp edges, or small parts) shall be detected.	This test was not applicable to the sample	Not Applicable
Certain Toys with Nearly Spherical Ends: 0-18 Months	ASTM F963 (2017), Sec. 4.32.1 & Fig. 21 Citation: 16 CFR 1250	Toys having a total weight less than 1.1 lb (0.5 kg) incorporating nearly spherical, hemispherical, circular flared or dome-shaped ends and which adjoin a shaft, handle, or support that has a smaller cross section shall be so designed that such ends are not capable of entering and penetrating past the full depth of the cavity of the test fixture when tested under the force only of their own weight and in a noncompressed state.	This test was not applicable to the sample	Not Applicable

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Test Property	Test Method	Product Requirement	Results	Rating
Certain Toys with Nearly Spherical Ends: 18-48 Months	ASTM F963 (2017), Sec. 4.32.2 & Figs. 21-23 Citation: 16 CFR 1250	Nearly spherical, hemispherical or dome-shaped ends of toy fasteners (e.g. nails, screws, bolts, pegs) shall not penetrate the full depth of the cavity of the test fixture when tested under the force only of their own weight and in a noncompressed state.	This test was not applicable to the sample	Not Applicable
Certain Toys with Nearly Spherical Ends: Preschool Play Figures	ASTM F963 (2017), Sec. 4.32.3 & Fig. 24 Citation: 16 CFR 1250	Preschool play figures intended for children under three years of age shall be designed so that their rounded ends are not capable of entering and penetrating to the full depth of the cavity of the test fixture when tested under the force of its own weight.	This test was not applicable to the sample	Not Applicable
Clacker Balls	16 CFR 1500.18 (a)(7) & 16 CFR 1500.86 (a)(5) Citation: Federal Hazardous Substances Act	Clacker Balls are banned unless they have been designed, manufactured, assembled, labeled, and tested in accordance with 16 CFR 1500.86(a)(5). This does not include products that are constructed so that the connecting members consist of plastic rods integrally molded to the balls and are mounted on a pivot so that movement of the balls is essentially limited to a single plane.	This test was not applicable to the sample	Not Applicable
Compression Test	ASTM F963 (2017), Sec. 8.10 & Table 5 Citation: 16 CFR 1250 & 16 CFR 1500.51-53	No hazards shall result when the sample is subjected to the applicable compression force as determined by age grade. 0-18 months: 20 lbf for 10 seconds Over 18 months-36 months: 25 lbf for 10 seconds Over 36 months- 96 months: 30 lbf for 10 seconds All Ages: 30 lbf for 10 seconds	Presence of small part [16 CFR 1501] : No Presence of sharp point [16 CFR 1500.48] : No Presence of sharp edge [16 CFR 1500.49] : No	Pass
Confined Spaces: Closures	ASTM F963 (2017), Sec. 4.16.2 & 8.5-8.10 Citation: 16 CFR 1250	Closures (such as lids, covers, and doors) of toys shall not have automatic locking devices. Closures shall opened with a force of 10 lbf (45 N) or less when tested in accordance with 4.16.2.1.	This test was not applicable to the sample	Not Applicable
Confined Spaces: Toys that Enclose the Head	ASTM F963 (2017), Sec. 4.16.3 & 8.5-8.10 Citation: 16 CFR 1250	The ventilation areas of toys that enclose the head (space helmets) shall consist of a minimum of two holes, with a total of at least 2 in.2 (1300 mm2) of ventilation and at least 6 in. (150 mm) between holes.	This test was not applicable to the sample	Not Applicable

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Confined Spaces: Ventilation	ASTM F963 (2017), Sec. 4.16.1 & 8.5-8.10 Citation: 16 CFR 1250	Any toy made of impermeable material and having a door or lid, which encloses a continuous volume greater than 1.1 ft <sup>3</sup> (0.03 m <sup>3</sup> ) and in which all internal dimensions are 6 in. (150 mm) or more, shall provide one of the unobstructed ventilation areas outlined in 4.16.1.1 or 4.16.1.2.	This test was not applicable to the sample	Not Applicable
Cords, Straps & Elastics in Toys	ASTM F963 (2017), Sec. 4.14.1, 4.14.6, 8.5-8.10, 8.23 & Fig. 10 Citation: 16 CFR 1250	Cords, straps, or elastics included with or attached to toys shall be less than 12 in. (300 mm) long when measured to the maximum length in a free state and under a load of 5 lb (2.25 kg). If cords/straps/elastics or multiple cords/straps/elastics can tangle or form a loop in connection with any part of the toy, including beads or other attachments on the ends of cords/straps/elastics, the loop shall not permit the passage of the head probe (Fig. 10) when tested in accordance with 8.23. This requirement is for toys intended for children less than 18 months of age excluding pull toys. These requirements are applicable before and after use and abuse testing in accordance with 8.5-8.10. Straps used for waist restraints on ride-on toys are exempt from the free length and loop requirements. Straps used for waist restraints on ride-on toys are exempt from the free length and loop requirements of 4.14.1.	This test was not applicable to the sample	Not Applicable
Cords, Straps & Elastics: Breakaway	ASTM F963 (2017), Sec. 4.14.1.1 & 8.23.3 Citation: 16 CFR 1250	If cords, straps, or elastics have loops that admit the base of the head probe, breakaway feature is required. Breakaway feature shall have a release force of less than 5.0 lbf (22.2 N). These requirements are applicable before and after use and abuse testing in accordance with 8.5-8.10. Note: Straps used for waist restraints on ride-on toys are exempt from the free length and loop requirements.	This test was not applicable to the sample	Not Applicable

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Cords, Straps & Elastics: Cords on Toy Bags	ASTM F963 (2017), Sec. 4.14.5 & 8.5-8.10 Citation: 16 CFR 1250	Toy bags made of impermeable material with an opening perimeter greater than 14 in. (360 mm) shall not have a drawstring or cord as a means of closing, if intended for children up to 18 months.	This test was not applicable to the sample	Not Applicable
Cords, Straps & Elastics: Pull Toys	ASTM F963 (2017), Sec. 4.14.3 & 8.5-8.10 Citation: 16 CFR 1250	Cords, straps, and elastics greater than 12 in. (300 mm) long for pull toys intended for children under 36 months of age shall not be provided with beads or other attachments that could tangle to form a loop, before and after use and abuse testing in accordance with 8.5-8.10.	This test was not applicable to the sample	Not Applicable
Cords, Straps & Elastics: Self Retracting Pull Cords	ASTM F963 (2017), Sec. 4.14.2, 8.5-8.10 & Fig. 10 Citation: 16 CFR 1250	Self-retracting pull cords of toys shall not retract more than ¼ in. (6 mm) when a weight of 2 lb (0.9 kg) is attached to the fully extended cord with the cord held vertical and the toy held firmly in the most favorable position for retraction. Monofilament cords, 1/16 in. (2 mm) or less in diameter, shall not retract under a load of 1 lb (0.45 kg) when tested in the manner described above. These requirements are applicable before and after use and abuse testing in accordance with 8.5-8.10.	This test was not applicable to the sample	Not Applicable
Cords, Straps & Elastics: Strings and Lines for Flying Devices	ASTM F963 (2017), Sec. 4.14.4 & 8.5-8.10 Citation: 16 CFR 1250	Kite strings and handheld lines over 6 ft (1.8 m) long, attached to flying devices intended for use as playthings, shall have an electric resistance of more than 10 <sup>8</sup> ohm/cm when tested at a relative humidity of not less than 45% and a temperature of not greater than 75 degrees F (24 degrees C), when measured by a high-voltage, resistance breakdown meter. These requirements are applicable before and after use and abuse testing in accordance with 8.5-8.10.	This test was not applicable to the sample	Not Applicable
Dive Stick	16 CFR 1500.18 (a)(19), 16 CFR 1500.86 (a)(7) and 16 CFR 1500.86 (a)(8) Citation: Federal Hazardous Substances Act	Dive sticks and similar articles are banned unless they come to rest underwater at an angle greater than 45 degrees from vertical when measured under the test at Section 1500.86(a)(7), or they maintain a compressive force of less than 5-lbf under the test at Section 1500.86(a)(8), or they have a continuous circular shape, such as dive rings and dive disks.	This test was not applicable to the sample	Not Applicable

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Electrical Thermal Energy: Toys	ASTM F963 (2017), Sec. 4.4 & 5.14 Citation: 16 CFR 1250 & 16 CFR 1505	Toys operating from nominal 120-V branch circuits shall conform to 16 CFR 1505, issued under the FHSA.	This test was not applicable to the sample	Not Applicable
Expanding Materials	ASTM F963 (2017), Sec. 4.40, 8.30, Fig. 3 & 30 Citation: 16 CFR 1250	Toys and components of toys which fit entirely inside the small parts cylinder (see Fig. 3) in any orientation (small parts test) and which are determined to contain or be composed of expanding materials shall completely pass through the gauge specified in Fig. 30.	This test was not applicable to the sample	Not Applicable
Folding Mechanisms	ASTM F963 (2017), Sec. 4.13.1 & 8.26.1 Citation: 16 CFR 1250	Toys shall have a locking device or other means to prevent sudden movement or collapse of the toy or shall have adequate clearance to provide protection from crushing, laceration or pinching hazards. Such locking devices (or other means) shall engage automatically when the product is placed in the manufacturer's recommended use position. Single action devices shall require a minimum force of 10 lbf (45 N) to activate the release mechanism. Double action locking device shall require two distinct and separate actions to release but have no force requirements.	This test was not applicable to the sample	Not Applicable
Fore & Aft Stability	ASTM F963 (2017), Sec. 4.15.3 & 8.15 Citation: 16 CFR 1250	Ride-on toys or toy seats shall not tip forward or backward when loaded and tested as specified. The surface shall be inclined 15 degrees to the horizontal.	This test was not applicable to the sample	Not Applicable
Hazardous Projections: Under 96 Months	ASTM F963 (2017), Sec. 4.8 & 8.5-8.10 Citation: 16 CFR 1250, 16 CFR 1500.50-1500.53	Vertical or near vertical projections that present a potential skin puncture hazard shall be protected by a suitable means before and after use and abuse testing.  For toys that are intended to be repeatedly assembled and taken apart, their individual pieces and fully assembled state shall be evaluated separately.	This test was not applicable to the sample	Not Applicable

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Hemispheric-Shaped Objects: Under 36 Months	ASTM F963 (2017), Sec. 4.36, 8.6-8.10 & Figs. 25-28 Citation: 16 CFR 1250	Applicable toys that have, at a minimum, one of five characteristics outlined in Section 4.36.6, paragraphs (a) through (e) of the referenced standard, shall be rated as PASS. Applicable toys that do not have, at a minimum, one of five characteristics outlined in Section 4.36.6, paragraphs (a) through (e) of the referenced standard, shall be rated as FAIL. These requirements apply before and after testing in accordance with 8.6-8.10. NOTES: 1) Results of this test for applicable toys which are dimensionally exempt are reported for informational purposes only (report actual dimensions). 2) Results of this test for applicable toys which are exempt because of their intended use or configuration, in accordance with Sections 4.36.1 through 4.36.5, shall be reported for informational purposes only (report only reason for exemption, not dimensions).	This test was not applicable to the sample	Not Applicable
Hinge-Line Clearance	ASTM F963 (2017), Sec. 4.13.2 Citation: 16 CFR 1250	Applicable toys shall be constructed such that an accessible gap at the hinge line that will admit a 0.19 inch (5 mm) diameter rod will also admit a 0.5 inch (13 mm) diameter rod at all positions of the hinge.	This test was not applicable to the sample	Not Applicable
Holes, Clearances & Accessibility of Mechanisms: Accessible Clearances for Moveable Segments	ASTM F963 (2017), Sec. 4.18.1 & 8.5-8.10 Citation: 16 CFR 1250	This requirement is for toys intended for children under 96 months only, where the potential for pinching or crushing fingers or other appendages exists. If clearances between movable segments on toys admit a 3/16-in. (5-mm) diameter rod, they shall also admit a 1/2-in. (13-mm) diameter rod in order to prevent the trapping of fingers.	This test was not applicable to the sample	Not Applicable
Holes, Clearances & Accessibility of Mechanisms: Chains and Belts	ASTM F963 (2017), Sec. 4.18.3, 8.5-8.10 & Fig. 13 Citation: 16 CFR 1250	Chains in toys that support the weight of a child, intended for children 36 months or less in age, shall be shielded if the chain is accessible and if a 0.19-in. (5-mm) diameter rod can be inserted between two links, as in Fig. 13, with the chain in slack configuration. Power transmission chains and belts in ride-on toys shall be shielded.	This test was not applicable to the sample	Not Applicable

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Mechanical				
Test Property	Test Method	Product Requirement	Results	Rating
Holes, Clearances & Accessibility of Mechanisms: Circular Holes in Rigid Materials	ASTM F963 (2017), Sec. 4.18.2 & 8.5-8.10 Citation: 16 CFR 1250	If an accessible, circular hole in any rigid material less than 0.062 in. (1.58 mm) in thickness can admit a 1/4-in. (6-mm) diameter rod to a depth of 3/8 in. (10 mm) or greater, it shall also admit a 1/2-in. (13-mm) diameter rod. This requirement is for toys with accessible holes in sheet metal and other rigid material, intended for children aged 60 months or less.	This test was not applicable to the sample	Not Applicable
Holes, Clearances & Accessibility of Mechanisms: Coil Springs	ASTM F963 (2017), Sec. 4.18.6 & 8.5-8.10 Citation: 16 CFR 1250	Coil springs (either compression or extension) that form part of a component that carries the weight of a child shall be shielded so as to prevent access during use or reasonably foreseeable abuse unless either of the following occurs: 0.12-in. (3-mm) diameter rod cannot be inserted freely; or A 0.25-in. (6-mm) diameter rod can be inserted freely between the adjacent coils at all points in the action cycle when the spring is subjected first to a weight of 3 lb (1.4 kg) and then to a weight of 70 lb (32 kg).	This test was not applicable to the sample	Not Applicable
Holes, Clearances & Accessibility of Mechanisms: Inaccessibility of Mechanisms	ASTM F963 (2017), Sec. 4.18.4 & 8.5-8.10 Citation: 16 CFR 1250	Clockwork, battery-operated, inertial, or other power-driven mechanisms in toys intended for children aged 60 months or less shall not have any accessible part of the mechanism present a pinch or laceration hazard.	This test was not applicable to the sample	Not Applicable
Holes, Clearances & Accessibility of Mechanisms: Winding Keys	ASTM F963 (2017), Sec. 4.18.5 & 8.5-8.10 Citation: 16 CFR 1250	This requirement applies to toys intended for children under 36 months of age that use winding keys that rotate as the mechanism unwinds. This requirement applies to keys with flat plates attached to the stem and that protrude from a rigid surface; the requirement does not apply to those circular knobs to which the torque is applied. If the clearance between the flukes of the key and body of the toy will admit a 0.25-in. (6-mm) diameter rod, it shall also admit a 0.5-in. (13-mm) diameter rod at all positions of the key. For keys covered by this requirement, there shall be no opening in the flukes of the key that can admit a 0.19-in. (5-mm) diameter rod.	This test was not applicable to the sample	Not Applicable

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Test Property	Test Method	Product Requirement	Results	Rating
Impact Test for Toys that Cover The Face	ASTM F963 (2017), Sec. 8.7.4 Citation: 16 CFR 1250 & 16 CFR 1500.51-53	No hazards shall result when a steel ball is dropped from a height of 50 inches onto the horizontal upper surface of the toy in the area that would cover the eyes during normal use.	This test was not applicable to the sample	Not Applicable
Impact Test: Drop Test	ASTM F963 (2017), Sec. 8.7.1 & Table 5 Citation: 16 CFR 1250 & 16 CFR 1500.51-53	No hazards shall result when the sample is subjected to the applicable impact as determined by age grade. 0-18 months: 10 times at 4.5 feet Over 18 months-36 months: 4 times at 3 feet Over 36 months- 96 months: 4 times at 3 feet All Ages: 10 times at 4.5 feet	Presence of small part [16 CFR 1501] : No Presence of sharp point [16 CFR 1500.48] : No Presence of sharp edge [16 CFR 1500.49] : No	Pass
Impact Test: Tip Over Test for Large, Bulky Toys	ASTM F963 (2017), Sec. 8.7.2 Citation: 16 CFR 1250, 16 CFR 1500.52 & 16 CFR 1500.53	There shall be no potentially hazardous conditions produced when the sample is tipped over three times.	This test was not applicable to the sample	Not Applicable
Infant Pacifiers	ASTM F963 (2017), Sec. 4.20 & 16 CFR 1511 Citation: 16 CFR 1250	Infant pacifiers shall conform to the safety requirements as specified in 16 CFR 1511. Illustrations of the pacifier test fixture are shown in Fig. 14 of ASTM F963-17.	This test was not applicable to the sample	Not Applicable
Jaw Entrapment in Handles & Steering Wheels: 0-18 Months	ASTM F963 (2017), Sec. 4.39 & Fig. 29 Citation: 16 CFR 1250	Openings in handles and steering wheels that allow a 0.75 by 0.75 by 1 in. (1.9 by 1.9 by 2.5 cm) test fixture to pass completely through must also allow a 1.5 by 2.5 by 1 in (3.8 by 6.35 by 2.5 cm) test fixture to pass completely through.	This test was not applicable to the sample	Not Applicable

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Test Property	Test Method	Product Requirement	Results	Rating
Magnets	ASTM F963 (2017), Sec. 4.38, 5.17 & 8.25 Citation: 16 CFR 1250	Toys shall not contain a loose as-received hazardous magnet or a loose as-received hazardous magnetic component. Toys shall not liberate a hazardous magnet or a hazardous magnetic component after being tested in accordance with the Magnet Test Methods specified in 8.25. Magnetic/electrical experimental sets intended for children over eight years of age and over that contain a loose as-received hazardous magnet or a loose as-received hazardous magnetic component, or both, are exempt from the requirements of 4.38.1 and 4.38.2 provided they comply with the requirements for safety labeling described in 5.17.	This test was not applicable to the sample	Not Applicable
Material Quality	ASTM F963 (2017), Sec. 4.1 & 4.3.1 (Modified) Citation: 16 CFR 1250 & Federal Hazardous Substances Act	Modification: UL is unable to confirm if reprocessed materials are used. The manufacturer is responsible for conformance of toys or materials to the Federal Hazardous Substances Act. Toys may be made from new or reprocessed materials and shall be visually clean and free from infestation. The materials shall be assessed visually by the unaided eye rather than by magnification.	Rating of clause §4.1 (For SL CFR display) : Pass	Pass
Nails & Fasteners	ASTM F963 (2017), Sec. 4.11 & 4.17 Citation: 16 CFR 1250, 16 CFR 1500.48 & 16 CFR 1500.49	Nails and fasteners shall not present point, edge, ingestion or projection hazards, and their points shall not protrude making them accessible.	This test was not applicable to the sample	Not Applicable
Overload Requirements for Ride-On Toys & Toy Seats	ASTM F963 (2017), Sec. 4.15.5, 8.5-8.10 & 8.28 Citation: 16 CFR 1250	All ride-on toys, toys intended for use as seats, or toys designed to support all or part of the weight of the child shall support a load applied to the seat, or to other such intended load-bearing components, without collapsing to produce a hazardous condition when tested as specified.	This test was not applicable to the sample	Not Applicable

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Test Property	Test Method	Product Requirement	Results	Rating
Pacifiers	16 CFR 1511 Citation: Federal Hazardous Substances Act	Infant pacifiers shall conform to the safety requirements prescribed in 16 CFR 1511.	This test was not applicable to the sample	Not Applicable
Plastic Film	ASTM F963 (2017), Sec. 4.12 & 8.22 Citation: 16 CFR 1250	Flexible plastic film bags and flexible plastic sheets used as packaging materials for shelf packages or used with toys shall be at least 0.00150 inch (0.03810 mm) in average thickness, but the actual thickness shall never be less than 0.00125 inch (0.03175 mm).  Alternatively, sheeting with an average thickness of less than 0.00150 inch (0.03810 mm) shall be perforated with defined holes so that a minimum of 1% of the area has been removed over any area of 1.18 x 1.18 inch (30 x 30 mm). NOTE: Results of this test for items which are dimensionally exempt are reported for informational purposes only.	This test was not applicable to the sample	Not Applicable
Pompoms: Under 36 Months	ASTM F963 (2017), Sec. 4.35, 8.16 & Fig. 17 Citation: 16 CFR 1250	Pompoms which detach during torque and tension tests shall not pass entirely through the 1.75 inch (44.5 mm.) small balls test fixture under their own weight. Any components, pieces, or individual strands of the pompom that are liberated during the torque and tension tests shall not be subject to this requirement. Test the pompoms by putting the free ends of fiber into the gauge.  A force of 15 lbf (67 N) shall be applied evenly within 5 seconds and maintained for additional 10 seconds.	This test was not applicable to the sample	Not Applicable
Projectile Toys	ASTM F963 (2017), Sec. 4.21-4.21.1, 8.5-8.10, 8.14 & Fig. 15 Citation: 16 CFR 1250	Projectiles with rigid leading edges, projectiles with foam shaft and a suction cup as the leading edge, other types of projectile with a suction cup as the leading edge shall conform with the applicable requirements after appropriate use and abuse testing.	This test was not applicable to the sample	Not Applicable
Projectile Toys: Rotors	ASTM F963 (2017), Sec. 4.21.4 & Fig. 19 Citation: 16 CFR 1250	Rotors on projectiles intended to rotate in a horizontal plane shall be protected.	This test was not applicable to the sample	Not Applicable

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Test Property	Test Method	Product Requirement	Results	Rating
Projectile Toys: With Stored Energy	ASTM F963 (2017), Sec. 4.6, 4.21-4.21.2, 8.5-8.10, 8.14, Fig. 15-16 & Fig. 3 Citation: 16 CFR 1250	Projectiles launched by discharge mechanisms with stored energy shall not, whatever their orientation, fit entirely into the small parts cylinder when tested in accordance with 4.6 and shall comply with the requirements of section 4.21.2.	This test was not applicable to the sample	Not Applicable
Projectile Toys: Without Stored Energy	ASTM F963 (2017), Sec. 4.6, 4.21, 4.21.3, 8.5-8.10, 8.14, Fig. 15 & Fig. 3 Citation: 16 CFR 1250, 16 CFR 1500.48 & 16 CFR 1500.49	Projectile toys without stored energy, including mouth actuated projectile toys and arrows, shall comply with the requirements of section 4.21.3.	This test was not applicable to the sample	Not Applicable
Requirements for Rattles	ASTM F963 (2017), Sec. 4.23 & Fig. 20-21 Citation: 16 CFR 1250, 16 CFR 1510 & 16 CFR 1500.51	Infant rattles shall comply with the safety requirements specified in 16 CFR 1510. No portion of a rattle shall be capable of entering and penetrating to the full depth of the cavity of the test fixture, both before and after use and abuse testing outlined in 16 CFR 1500.51.	This test was not applicable to the sample	Not Applicable
Sharp Accessible Edges	ASTM F963 (2017), Sec. 4.7-4.7.2, 5.10, 8.5-8.10, Fig. 8 & Annex A4 Citation: 16 CFR 1250 & 16 CFR 1500.49 (d)	Shall have no accessible, potentially hazardous sharp edges before and after appropriate use and abuse testing. Toys intended for children 48 to 96 months (4-8 years) of age may contain accessible, potentially hazardous functional sharp edges but are required to carry safety labeling. Functional sharp edges are expressly prohibited in toys intended for children under 48 months (4 years) of age.	Rating of clause §4.7 : Pass	Pass

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Test Property	Test Method	Product Requirement	Results	Rating
Sharp Accessible Points	ASTM F963 (2017), Sec. 4.9, 5.10, 8.5-8.10, Fig. 9 & Annex A4 Citation: 16 CFR 1250 & 16 CFR 1500.48 (d)	Shall have no accessible, potentially hazardous sharp points before and after appropriate use and abuse testing. Toys intended for children 48 to 96 months (4-8 years) of age may contain accessible, potentially hazardous functional sharp points but are required to carry safety labeling. Functional sharp points are expressly prohibited in toys intended for children under 48 months (4 years) of age. Wood Samples: The accessible surfaces and edges of wood used in toys shall be free of splinters, both before and after being tested in accordance with the appropriate procedures described in Sections 8.5-8.10.	Rating of clause §4.9 : Pass	Pass
Sideways Stability: Feet Available for Stabilization	ASTM F963 (2017), Sec. 4.15.2.1, 8.15 & Table 3 Citation: 16 CFR 1250	Specified ride-on toys and toy seats shall be tested for sideways stability and shall not tip.	This test was not applicable to the sample	Not Applicable
Sideways Stability: Feet Unavailable for Stabilization	ASTM F963 (2017), Sec. 4.15.2.2 & 8.15 Citation: 16 CFR 1250	If the sideways motion of the feet and/or legs is restricted, then the ride-on toy or toy seat shall not tip when tested as specified. The surface shall be inclined 15 degrees to the horizontal.	This test was not applicable to the sample	Not Applicable
Small Ball: Under 36 Months	ASTM F963 (2017), Sec. 4.34.1 & Fig. 17 Citation: 16 CFR 1250	Any ball intended for children under 3 years of age that, under the influence of its own weight, passes, in any orientation, entirely through a circular hole with a diameter of 1.75 inches (44.5 mm) in a rigid template ¼ inches (6 mm) thick is prohibited.	This test was not applicable to the sample	Not Applicable

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Small Objects or Parts	ASTM F963 (2017), Sec. 4.6.1, 4.6.3, 5.8, 5.11.2, Fig. 3 & Annex A1 Citation: 16 CFR 1250, 16 CFR 1500.19, 16 CFR 1500.50 & 16 CFR 1501	<p>Toys and games intended for use by children under the age of three (3) (including removable, liberated components or fragments of said products) that are small enough, without being compressed, to fit entirely within the small parts cylinder, before and after use and abuse testing, are prohibited.</p> <p>Toys and games intended for use by children who are at least three (3) years of age but less than six (6) years of age that contain as-received small parts shall bear a prescribed safety alert symbol on the principal display panel of the package followed by this cautionary statement:            WARNING: CHOKING HAZARD--Small parts. Not for children under 3 yrs.</p> <p>Toys and games intended for use by children who are at least three (3) years of age but less than six (6) years of age that produce or liberate small parts as a result of use and abuse testing are not required to bear the safety alert symbol or cautionary statement but the presence of the small parts shall be noted and reported.</p> <p>There is no prohibition of small parts in products intended for children who are at least six (6) years of age.</p> <p>While fabric is technically exempt from the small parts regulation, 16 CFR 1501, there have been CPSC recalls of children's product due to fabric small part detachments.</p>	This test was not applicable to the sample	Not Applicable
Small Objects: Mouth-Actuated Toys	ASTM F963 (2017), Sec. 4.6.2.1, 8.13.1 & Fig. 3 Citation: 16 CFR 1250	Mouth-actuated toys, such as noisemakers, are intended to be actuated by blowing or sucking. Mouth-actuated toys that contain loose objects, such as spheres in a whistle, or inserts, such as reeds in a noisemaker, shall not release an object that will fit within the small parts test cylinder, as shown in Fig. 3, when air is alternately blown and sucked rapidly through the mouthpiece, when tested in accordance with 8.13.1. The procedure of 8.13.1 shall also be applied to the outlet if the air outlet is capable of being inserted into or covered by the mouth.	This test was not applicable to the sample	Not Applicable

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Test Property	Test Method	Product Requirement	Results	Rating
Small Objects: Mouth-Actuated Toys, Projectile Launched by Blowing	ASTM F963 (2017), Sec. 4.6.2.2, 8.7.1, 8.8, 8.9, 8.10, 8.13.2 & Fig. 3 Citation: 16 CFR 1250	Projectile toys in which the projectile is launched by the user blowing into the discharge mechanism shall meet the requirements. Mouth-actuated discharge mechanisms shall include a permanently-installed means to prevent passage of the projectile backwards through the mouth end of the launcher when tested in accordance with 8.13.2. Note: Requirements apply to all mouth actuated projectile launchers, regardless of the intended age group of the toy.	This test was not applicable to the sample	Not Applicable
Sound-Producing Toys	ASTM F963 (2017), Sec. 4.5, 8.5-8.10 & 8.20 Citation: 16 CFR 1250, 16 CFR 1500.50-1500.53	Sound-emitting toys shall not exceed specified sound pressure level limits for individual categories of such toys, before and after use and abuse testing. The A-weighted equivalent sound pressure level produced by close-to-the-ear toys shall not exceed 65 dB. The maximum A-weighted sound pressure level produced by the translational motion of floor or table top toys where the motion is imparted on the toy by the child shall not exceed 85 dB. The A-weighted equivalent sound pressure level produced by all toys shall not exceed 85 dB. The C-weighted peak sound pressure level produced by close-to-the-ear toys shall not exceed 110 dB. The C-weighted peak sound pressure level produced by any type of toy excluding toys using explosive action (for example, percussion caps) shall not exceed 115 dB. The C-weighted peak sound pressure level produced by a toy using percussion caps or other explosive action shall not exceed 125 dB. Other hand-held toys -- reference section 8.20.2.3. NOTE: Per 16 CFR 1250.2(c), instead of complying with section 8.20.1.5(5) of ASTM F963-17, comply with the following: (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.	This test was not applicable to the sample	Not Applicable

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Mechanical				
Test Property	Test Method	Product Requirement	Results	Rating
Squeeze Toys	ASTM F963 (2017), Sec. 4.24, 8 & Fig. 20-21 Citation: 16 CFR 1250, 16 CFR 1510 & 16 CFR 1500.50-53	Squeeze toys shall conform to dimensional requirements for rattles, and their nearly spherical, hemispherical, or circular flared ends, if any, shall be designed such that those ends are not capable of entering and penetrating to the full depth of the cavity of the test fixture. Squeeze toys shall meet these requirements when tested under the force of their own weight and in a noncompressed state. These requirements are applicable before and after use and abuse testing in accordance with Section 8.	This test was not applicable to the sample	Not Applicable
Stability of Ride-On Toys and Toy Seats	ASTM F963 (2017), Sec. 4.15.1, 8.5-8.10, 8.21 Citation: 16 CFR 1250, 16 CFR 1500.50-1500.53	Toys that can easily tip (including ride-on toys, with three or more load bearing wheels, such as wagons; ride-on, action-type toys such as hobby horses, rocking toys (for example, horses, cars); and toy seats) shall conform with requirements after being tested in accordance with 8.5-8.10. Multiple wheels centered on the same axle or axis with a spacing of 5.9 in. (150 mm) or less between the centers of the outermost wheels are considered to be a single wheel.	This test was not applicable to the sample	Not Applicable
Stability of Stationary Floor Toys	ASTM F963 (2017), Sec. 4.15.4 & 8.5-8.10 Citation: 16 CFR 1250	Sample shall not tip when placed on a 10 degree incline with all movable portions extended to their fullest travel and facing in the direction of the downslope slide.	This test was not applicable to the sample	Not Applicable
Teethers & Teething Toys	ASTM F963 (2017), Sec. 4.22, 8 & Fig. 20-21 Citation: 16 CFR 1250, 16 CFR 1510 & 16 CFR 1500.50-53	Teethers and teething toys shall conform to dimensional requirements for rattles, and their nearly spherical, hemispherical, or circular flared ends, if any, shall be designed such that they are not capable of entering and penetrating to the full depth of the cavity in the supplemental test fixture. A teether shall meet this requirement when tested under the force only of its own weight and in a noncompressed state.	This test was not applicable to the sample	Not Applicable
Tension Test	ASTM F963 (2017), Sec. 8.9 & Table 5 Citation: 16 CFR 1250 & 16 CFR 1500.51-53	No hazards shall result when the sample is subjected to the applicable tension force as determined by age grade. 0-18 months: 10 lbs for 10 seconds Over 18 months-36 months: 15 lbs for 10 seconds Over 36 months-96 months: 15 lbs for 10 seconds All Ages: 15 lbs for 10 seconds	Presence of small part [16 CFR 1501] : No Presence of sharp point [16 CFR 1500.48] : No Presence of sharp edge [16 CFR 1500.49] : No	Pass

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Test Property	Test Method	Product Requirement	Results	Rating
Torque Test	ASTM F963 (2017), Sec. 8.8 & Table 5 Citation: 16 CFR 1250 & 16 CFR 1500.51-53	No hazards shall result when the sample is subjected to the applicable torque force as determined by age grade. 0-18 months: 2 in-lbs for 10 seconds Over 18 months-36 months: 3 in-lbs for 10 seconds Over 36 months- 96 months: 4 in-lbs for 10 seconds All Ages: 4 in-lbs for 10 seconds	Presence of small part [16 CFR 1501] : No Presence of sharp point [16 CFR 1500.48] : No Presence of sharp edge [16 CFR 1500.49] : No	Pass
Toy Chests	ASTM F963 (2017), Sec. 4.41 & 8.27 Citation: 16 CFR 1250	Toy chests shall meet the requirements outlined in section 4.41.1-4.41.5 in order to minimize the following hazards: entrapment and strangulation; crushing, pinching, and laceration; and suffocation.	This test was not applicable to the sample	Not Applicable
Toy Pacifiers: Under 36 Months	ASTM F963 (2017), Sec. 4.6.1 & 4.20.2 Citation: 16 CFR 1250 & 16 CFR 1511	Toy pacifiers attached to, or sold with toys intended for children under 36 months of age shall comply with ASTM F963 4.6.1 and either conform to the requirements of 16 CFR 1511 or have a nipple length no longer than 0.63 inch (16 mm). This measurement shall be taken from the nipple side of the shield to the end of the nipple.	This test was not applicable to the sample	Not Applicable
Washable Toys	ASTM F963 (2017), Sec. 8.5.1 Citation: 16 CFR 1250	No hazardous conditions shall result when the sample is subjected to six machine wash and tumble dry cycles, in accordance with the referenced standard. If a different drying method is specified by the toy manufacturer by means of a permanent label, that method would instead be used.	This test was not applicable to the sample	Not Applicable
Wheeled Ride-on Toys	ASTM F963 (2017), Sec. 4.15.6, 8.7.3 & Fig. 31 Citation: 16 CFR 1250	No hazardous conditions shall result when the toy is tumbled down a flight of six steps with risers not less than 7 inches high, two times in each of four attitudes.	This test was not applicable to the sample	Not Applicable
Wheels, Tires, & Axles	ASTM F963 (2017), Sec. 4.6.1, 4.11, 4.17 & 8.5-8.11 Citation: 16 CFR 1250, 16 CFR 1500.50-1500.53	Wheels, tires and axles shall not present laceration, puncture or ingestion hazards after use and abuse testing.	This test was not applicable to the sample	Not Applicable

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Mechanical				
Test Property	Test Method	Product Requirement	Results	Rating
Wires & Rods	ASTM F963 (2017), Sec. 4.10, 8.1 & Fig. 36 Citation: 16 CFR 1250 & 16 CFR 1500.52 (d)	Wires or rods used in the interior of toys shall have their ends finished to avoid potentially hazardous points and burrs, shall be turned back, or shall be covered with smoothly finished protective caps or covers, if they can become accessible after use or reasonably foreseeable abuse. Metal wires or other metal materials used for stiffening or for retention of form in toys shall not fracture to produce a hazardous point, edge, or projection hazard when tested in accordance with 8.12.	This test was not applicable to the sample	Not Applicable
Yo Yo Elastic Tether Toys	ASTM F963 (2017), Sec. 4.37 & 8.24 Citation: 16 CFR 1250	Yo yo elastic tether toys are intended for children 36 months and over. Toys with an end mass greater than 0.02 kg (0.044 lb) shall have a tether length less than 50 cm (20 inches) measured when the toy is rotating at any speed up to a maximum of 80 r/min. NOTE: Several states prohibit the sale of yo yo waterballs.	This test was not applicable to the sample	Not Applicable
Chemical/Analytical				
Test Property	Test Method	Product Requirement	Results	Rating
California: Prohibition of Phthalates in Toys & Child Care Articles (6P)	CPSC-CH-C1001-09.3 Citation: California Health & Safety Code, Sec. 108935-108939	No person or entity shall manufacture, sell, or distribute in commerce any toy or child care article that contains di-(2-ethylhexyl) phthalate (DEHP), dibutyl phthalate (DBP), or benzyl butyl phthalate (BBP), in concentrations exceeding 0.1 percent. No person or entity shall manufacture, sell, or distribute in commerce any toy or child care article intended for use by a child under three years of age if that product can be placed in the child's mouth and contains diisononyl phthalate (DINP), diisodecyl phthalate (DIDP), or di-n-octyl phthalate (DnOP), in concentrations exceeding 0.1 percent. NOTE: UL is only testing accessible components unless otherwise directed by the client.	See Remark5	Pass
CPSIA Total Lead in Accessible Substrate Material: Metal Childrens Products & Jewelry	CPSC-CH-E1001-08.3 Year: 2012 Citation: 16 CFR 1500.87-91, 16 CFR 1109.21 & 16 CFR 1252	< or = 100 ppm A maximum of three materials or composites and only "like" materials can be composited.	This test was not applicable to the sample	Not Applicable

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Chemical/Analytical				
Test Property	Test Method	Product Requirement	Results	Rating
CPSIA Total Lead in Accessible Substrate Material: Non-Metal Childrens Products	CPSC-CH-E1002-08.3 Year: 2012 Citation: 16 CFR 1500.87-91, 16 CFR 1109.21 & 16 CFR 1252	< or = 100 ppm. A maximum of three materials or composites and only "like" materials can be composited.	See Remark4	Pass
CPSIA: Prohibition of Phthalates in Toys & Childcare Articles (8P)	CPSC-CH-C1001-09.3 or CPSC-CH-C1001-09.4 Citation: 16 CFR 1307-8, 16 CFR 1112 & 16 CFR 1252	BBP, DBP, DEHP, DHEXP (DnHP), DINP, DPENP (DnPP), DCHP, and DIBP: < or = 0.1% (1,000 ppm) each	See Remark6	Pass
DEHP (DOP): Pacifiers, Rattles, & Teethers	ASTM F963 (2017), Sec. 4.3.8 & ASTM D3421 Citation: 16 CFR 1250, 16 CFR 1510 & 16 CFR 1511	Modification: Solvent Pacifiers, rattles, and teethers shall not intentionally contain DI (2-ethylhexyl) phthalate (also known as dioctyl phthalate). To prevent trace amounts of DEHP (DOP) from affecting analysis, up to 3% of total solid content will be accepted in the result, when tested in accordance with Practice D3421.	This test was not applicable to the sample	Not Applicable
Maine: Bisphenol A (BPA)	<a href="#">Written Confirmation</a> Citation: CMR Chapter 882: Designation of Bisphenol A as a Priority Chemical and Regulation of Bisphenol A in Childrens Products	It is unlawful to manufacture, sell, offer for sale or distribute any reusable food or beverage containers containing BPA. No person shall sell, offer for sale or distribute for sale in Maine any: 1) reusable food or beverage container containing intentionally-added bisphenol A after January 1, 2012; 2) infant formula packaging containing intentionally-added bisphenol A in an amount greater than the de minimis level after March 1, 2014; and 3) baby food packaging containing intentionally-added bisphenol A in an amount greater than the de minimis level after March 1, 2014. Exemptions: 1) Used products; and 2) Food and beverage packaging. A container or packaging for a food or beverage product is exempt from the requirements of this chapter, unless that product is intentionally marketed or intended for the use of children under three years of age.	See Remark1	Pass

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Chemical/Analytical				
Test Property	Test Method	Product Requirement	Results	Rating
Soluble Cadmium: Substrate of Metallic Toys	ASTM F963 (2017), Sec. 4.3.5.2 & 8.3.5.5(3) & CPSC-CH-E1004-11 Citation: 16 CFR 1250	Metallic toys or metallic toy components which are small parts (before or after use and abuse testing) may not exhibit extraction of more than 200 µg of soluble cadmium.	This test was not applicable to the sample	Not Applicable
Soluble Migrated Elements: Substrate	ASTM F963 (2017), Sec. 4.3.5.2, 8.3, 8.5-8.10, Table 1-2 & Fig. 3 Citation: 16 CFR 1250 & 16 CFR 1252	All substrates shall meet the following: Soluble Antimony: < or = 60 ppm; Soluble Arsenic: < or = 25 ppm; Soluble Barium: < or = 1,000 ppm; Soluble Cadmium: < or = 75 ppm; Soluble Chromium: < or = 60 ppm; Soluble Lead: < or = 90 ppm; Soluble Mercury: < or = 60 ppm; Soluble Selenium: < or = 500 ppm Table 2 limits for Modeling Clays included as Part of a Toy (< or equal to the following): Antimony: 60 ppm Arsenic: 25 ppm Barium: 250 ppm Cadmium: 50 ppm Chromium: 25 ppm Lead: 90 ppm Mercury: 25 ppm Selenium: 500 ppm	See Remark2	Pass

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Chemical/Analytical				
Test Property	Test Method	Product Requirement	Results	Rating
Soluble Migrated Elements: Surface Coating	ASTM F963 (2017), Sec. 4.3.5.1, 8.3 & Table 1 Citation: 16 CFR 1250 & 16 CFR 1252	All surface coatings shall meet the following: Soluble Antimony: < or = 60 ppm; Soluble Arsenic: < or = 25 ppm; Soluble Barium: < or = 1,000 ppm; Soluble Cadmium: < or = 75 ppm; Soluble Chromium: < or = 60 ppm; Soluble Lead: < or = 90 ppm; Soluble Mercury: < or = 60 ppm; Soluble Selenium: < or = 500 ppm	This test was not applicable to the sample	Not Applicable
Stuffing Materials	ASTM F963 (2017), Sec. 4.3.7 & 8.29 Citation: 16 CFR 1250	Loose fillers shall be free of objectionable matter originating from insect, bird, rodent, or other animal infestation and of contaminants, such as splinters, glass, and metal chips, to the extent possible in good manufacturing practice when evaluated in accordance with 8.29.	This test was not applicable to the sample	Not Applicable
Total Heavy Element Content Screening	ASTM F963 (2017), Sec. 4.3.5, 8.3.1 & Annex A7 Citation: 16 CFR 1250, 16 CFR 1500.87 & 16 CFR 1252	If results are below soluble limits for each element as prescribed in the appropriate table, the material can be considered to conform to requirements without further testing. If soluble limits in the appropriate table are exceeded, additional soluble testing will be required to confirm compliance. Table 1 limits for Surface Coatings and Substrates (< or equal to the following): Antimony: 60 ppm Arsenic: 25 ppm Barium: 1,000 ppm Cadmium: 75 ppm Chromium: 60 ppm Lead: 90 ppm Mercury: 60 ppm Selenium: 500 ppm Table 2 limits for Modeling Clays included as Part of a Toy (< or equal to the following): Antimony: 60 ppm Arsenic: 25 ppm Barium: 250 ppm Cadmium: 50 ppm Chromium: 25 ppm Lead: 90 ppm Mercury: 25 ppm Selenium: 500 ppm NOTE: If this screening test is selected, then soluble migrated elements testing for surface coatings and substrates is not performed, unless additional testing is required, as outlined above, to confirm compliance when the screening results exceed soluble limits. Component testing is a valid approach, care shall be exercised to be certain that the production process subsequent to component testing does not create any change which might affect compliance.	This test was not applicable to the sample	Not Applicable

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Chemical/Analytical				
Test Property	Test Method	Product Requirement	Results	Rating
Total Lead Containing Paint/Surface Coating	CPSC-CH-E1003-09.1 (Modified) Year: 2011 Citation: 16 CFR 1303 & 16 CFR 1252	Modification: Compositing is not allowed. The lead content for the following shall be < or =90 ppm. 1) Wet paint and/or other similar surface coating materials, 2) Toys and Children's products that bear paint and/or similar surface-coating materials, 3) Furniture that bears paint and/or similar surface-coating materials. Test shall also be performed on removable batteries as applicable. NOTE: 1) Individual States may have additional requirements regarding the presence of lead in consumer products; this section relates only to the regulations listed above, and is not intended to represent compliance with any individual State regulation.	This test was not applicable to the sample	Not Applicable
Total Lead: Paint or Surface Coating	ASTM F963 (2017), 4.3.5.1 (1) Citation: 16 CFR 1250, 16 CFR 1303, 16 CFR 1252 & CPSIA	Prohibits the use of paints or similar surface-coating materials that contain lead or lead compounds and in which the lead content (calculated as lead metal Pb) is in excess of 0.009 % (90 ppm) of the weight of the total nonvolatile content of the paint or the weight of the dried paint film. NOTE: A maximum of 3 materials or composites and only "like" materials can be composited.	This test was not applicable to the sample	Not Applicable
Total Lead: Substrate	ASTM F963 (2017), Sec. 4.3.5.2 (2)(a) Citation: 16 CFR 1500.87 - 16 CFR 1500.91, 16 CFR 1500.50-1500.53, 16 CFR 1250 & 16 CFR 1252	(a) Accessible component parts of childrens products (as defined in 3.1.2 and in 16 CFR 1500.87, before and after use and abuse testing described in 8.5 - 8.10 and in 16 CFR 1500.50-53 and 16 CFR 1500.87) shall not contain lead or lead compounds in which the lead content (calculated as lead metal [Pb]) is in excess of 0.01 % (100 ppm) of the weight of the component, except as provided at 16 CFR 1500.88 and 16 CFR 1500.91.	See Remark3	Pass

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Labeling				
Test Property	Test Method	Product Requirement	Results	Rating
Age Grading: Toys & Childrens Products	ASTM F963 (2017), Sec. 5.2, 8.9 & Annex A1 (Modified)	Modification: Applies to children's products as well as toys. Toys and children's products should be labeled to indicate the minimum age for intended use or have labeling on any retail packaging. If the toy/children's product or toy/children's product package is not age labeled in a clear and conspicuous manner, client services will assign appropriate age testing based on the age grading guidelines in Annex 1 of the referenced standard. All products shall be tested according to either the appropriate age grade as determined by UL or the labeled age grade if it is more stringent. In the event the sample is not age labeled, UL will determine the appropriate age grade and test accordingly.	Labeled age grade : 5+ Tested age grade : 5+	Pass
California Proposition 65	Visual Inspection Citation: Title 27, Article 6, Sec. 25601 California Code of Regulations	Unless otherwise directed by the client, the result of this test is reported for reference only; the result is not rated. Only the parties listed in the settlement must comply; parties not listed in this settlement must comply with the labeling requirements of California Proposition 65 as the settlements are not mandatory for non-parties and will not protect against liability. NOTE: If the client has asked for testing to California Proposition 65, please refer to Generic protocol #4911 or the client-specific California Proposition 65 protocol. These protocols have a list of settlements known to UL.	This test was not applicable to the sample	Not Applicable
Country of Origin Marking	Visual Inspection Citation: 19 CFR 134.11, 19 CFR 134.33 & 19 CFR 134.43	Unless excepted, every article of foreign origin (or its container) imported into the United States shall be marked in a conspicuous place as legibly, indelibly, and permanently as the nature of the article (or container) will permit, in such manner as to indicate to an ultimate purchaser in the United States the English name of the country of origin of the article, at the time of importation into the Customs territory of the United States. Containers of articles excepted from marking shall be marked with the name of the country of origin of the article unless the container is also excepted from marking.	Made in China The country of origin (COO) of the good is present : Yes Country of origin marking : Ref Only	Pass

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Labeling				
Test Property	Test Method	Product Requirement	Results	Rating
CPSIA Tracking Labels for Childrens Products	Visual Inspection Citation: 15 U.S.C. 2063(a)(5) (CPSA)	Product and its packaging shall bear permanent distinguishing marks, as required and to the extent practicable, that allow the manufacturer to ascertain the location and date of production of the product, cohort information (including the batch, run number, or other identifying characteristic), and any other information determined by the manufacturer to facilitate ascertaining the specific source of the product by reference to those marks.  These marks shall also allow the ultimate purchaser to ascertain the manufacturer or private labeler, location and date of production of the product, as well as cohort information (including the batch, run number, or other identifying characteristic).  Product must have manufacturer or private labeler name included on the product and its packaging, unless it is not practicable to place on both.	Tracking label on product : AGS01-090720 Tracking label on packaging : © 2020, PYRAMID TOYS LTD. Batch No.52842 Made in Jinhua, China	Pass
Functional Sharp Points & Edges	ASTM F963 (2017), 4.7.2, 4.9.2, 5.3 & 5.10 Citation: 16 CFR 1250 & 16 CFR 1500.48-49	A toy that contains accessible, potentially hazardous sharp points or edges that are a necessary to the function of the item shall carry cautionary labeling on its package stating that a sharp edge, sharp point, or both, exists. Toys intended for children aged less than 48 months shall not have accessible hazardous functional sharp edges.	This test was not applicable to the sample	Not Applicable
Instructional Literature	ASTM F963 (2017), Sec. 6.1 Citation: 16 CFR 1250	Information and instructions that are provided for the safe use or assembly, or both, of a toy, whether on the package or in leaflet form, shall be easy to read and understand by persons of the age level for whom the instructions and information are intended, including, if appropriate, children for whom the toy is intended. All such literature shall be shown in the English language at a minimum.	This test was not applicable to the sample	Not Applicable

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Labeling				
Test Property	Test Method	Product Requirement	Results	Rating
Instructions: Crib & Playpen Toys	ASTM F963 (2017), Sec. 6.2 Citation: 16 CFR 1250	<p>Toys intended to be strung across a crib or playpen by means of string, cords, elastic, or straps (including, but not limited to, crib exercisers, crib gyms, and activity toys) shall be provided with instructions for proper assembly, installation, and use to insure that the product does not present an entanglement or strangulation hazard. The instructions shall include at least the following information:</p> <p>This toy is not intended to be mouthed by the baby and should be positioned clearly out of reach of the babys face and mouth.</p> <p>On cribs with adjustable mattress levels, the highest position may allow the toy to be too close to the baby. The second or lower position is more appropriate.</p> <p>The drop side of the crib should never be lowered with the toy in place and the baby left unattended.</p> <p>Always attach all provided fasteners (strings, straps, clamps, etc.) tightly to a crib or playpen according to the instructions. Check frequently.</p> <p>Do not add additional strings or straps to attach to a crib or playpen.</p>	This test was not applicable to the sample	Not Applicable
Instructions: Mobiles	ASTM F963 (2017), Sec. 6.3 Citation: 16 CFR 1250 & 16 CFR 1501	<p>Mobiles intended to be mounted on a crib, playpen, or wall or ceiling nearby shall be provided with instructions for proper assembly, installation, and use to insure that the product does not present an entanglement hazard. The instructions shall include at least the following information:</p> <p>A crib mobile is intended for visual stimulation and is not intended to be grasped by the child.</p> <p>If attached to the crib or playpen, remove when baby begins to push up on hands and knees. If so designed, mount on wall or ceiling clearly out of a standing babys reach.</p> <p>If mounted on a wall or ceiling, install the mobile clearly out of a standing babys reach.</p> <p>Always attach all provided fasteners (strings, straps, clamps, etc.) tightly to a crib or playpen according to the instructions. Check frequently.</p> <p>Do not add additional strings or straps to attach to a crib or playpen.</p>	This test was not applicable to the sample	Not Applicable

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Labeling				
Test Property	Test Method	Product Requirement	Results	Rating
Instructions: Toy Chests	ASTM F963 (2017), Sec. 6.8 Citation: 16 CFR 1250	Instructions for proper assembly and maintenance shall be provided in sufficient detail to describe the correct assembly of components, the resulting hazard if the lid support device is not installed, and a description of how to determine whether the support is working properly.	This test was not applicable to the sample	Not Applicable
Instructions: Toys in Contact with Food	ASTM F963 (2017), Sec. 4.3.3.1 & 6.7 Citation: 16 CFR 1250	The packages and/or instructions for toys/components intended to be used in contact with food shall be labeled to alert caregivers to wash the product thoroughly before use.	This test was not applicable to the sample	Not Applicable
Interpretations of Magnuson-Moss Warranty Act	Visual Inspection Citation: 16 CFR 701 (Modified)	Modification: Client specification is that non-compliant results shall be reported as data only. Report failures for informational purposes only. Warranties are not required. However, if a warranty is included with the product, the warranty must comply with regulation. Any warrantor warranting to a consumer by means of a written warranty a consumer product actually costing the consumer more than \$15.00 shall clearly and conspicuously disclose in a single document in simple and readily understood language, the following items of information: 1) As a warrantor, you must designate, or title, your written warranty as either full or limited. 2) As a warrantor, you must state certain specified information about the coverage of your warranty in a single, clear, and easy-to-read document: a) What does the warranty cover/not cover? b) What is the period of coverage? c) What will you do to correct problems? d) How can the customer get warranty service? e) How will state law affect your customer's rights under the warranty? Acceptable boilerplate for part e: This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.	This test was not applicable to the sample	Not Applicable

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Labeling				
Test Property	Test Method	Product Requirement	Results	Rating
Labeling: Balloons	ASTM F963 (2017), Sec. 5.11.5, 5.11.7 & 5.11.7.2 Citation: 16 CFR 1250 & 16 CFR 1500.19(b)	The package of a balloon or of a toy or game that contains a balloon shall bear the alert symbol (an exclamation point surrounded by an equilateral triangle) followed by this warning: "WARNING: Choking Hazard--Children under 8 yrs. can choke or suffocate on uninflated or broken balloons. Adult supervision required. Keep uninflated balloons from children. Discard broken balloons at once." Labeling statements on small packages of toys or balloons that have a principal display panel of 15 square inches or less and that display cautionary statements in three or more languages may appear on a display panel other than the principal display panel if the principal display panel bears the alert symbol (an exclamation point surrounded by an equilateral triangle) followed by the following warning: Warning--Choking Hazard Additionally, the principal display panel shall bear an arrow or other indicator pointing toward or directing the purchaser's attention to the display panel on the package where the full labeling statement appears.	This test was not applicable to the sample	Not Applicable
Labeling: Chemistry Set	Visual Inspection Citation: 16 CFR 1500.83(a)(23)	Chemistry sets and other science education sets intended primarily for use by juveniles, and replacement containers of chemicals for such sets, are exempt from the requirements of section 2 (p) (1) of the act (repeated in Sec. 1500.3 (b) (14) (i) ), if: (i) the immediate container of each chemical that is hazardous as defined in the act and regulations there under bears on its main panel the name of such chemical, the appropriate signal word for that chemical, and the additional statement "Read back panel before using" (or "Read side panel before using," if appropriate) and bears on the back (or side) panel of the immediate container the remainder of the appropriate cautionary statement for the specific chemical in the container; (ii) the experiment manual or other instruction book or booklet accompanying such set bears on the front page thereof, as a preface to any written matter in it (or on the cover, if any there be), the following caution statement within the borders of a rectangle and in the type size specified in 1500.121: WARNING - This set contains chemicals that may be harmful if misused. Read cautions on individual containers carefully. Not to be used	This test was not applicable to the sample	Not Applicable

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Test Property	Test Method	Product Requirement	Results	Rating
		by children except under adult supervision; and (iii) the outer carton of such set bears on the main display panel within the borders of a rectangle, and in the type size specified in Sec. 1500.121, the caution statement specified in paragraph (a) (23) (ii) of this section.		
Labeling: Electrical Thermal Energy, Toys	ASTM F963 (2017), Sec. 4.4 & 5.14 Citation: 16 CFR 1250, 16 CFR 1505.3 & Federal Hazardous Substances Act	Electrically operated toys or other electrically operated articles for children operating from nominal 120-V branch circuits shall have all applicable markings and instructions.	This test was not applicable to the sample	Not Applicable
Labeling: Latex Balloons	ASTM F963 (2017), Sec. 4.31 & 5.11.5 Citation: 16 CFR 1250 & 16 CFR 1500.19	Packages containing latex balloons and toys or games containing latex balloons shall comply with the labeling requirements of 16 CFR 1500.19: "WARNING: CHOKING HAZARD--Children under 8 yrs. can choke or suffocate on uninflated or broken balloons. Adult supervision required. Keep uninflated balloons from children. Discard broken balloons at once."	This test was not applicable to the sample	Not Applicable
Labeling: Magnets	ASTM F963 (2017), Sec. 5.3, 5.17 & 4.38 Citation: 16 CFR 1250	The packaging and instructions of magnetic/electrical experimental sets identified in 4.38 shall bear prescribed safety labeling, as applicable, and warning labeling which shall consist of the safety alert symbol followed by the signal word WARNING and contain, at a minimum, the following text, or equivalent text, which clearly conveys the same hazard alert message: This product contains (a) small magnet(s). Swallowed magnets can stick together across intestines causing serious infections and death. Seek immediate medical attention if magnet(s) are swallowed or inhaled.	This test was not applicable to the sample	Not Applicable
Labeling: Marble: 3+	ASTM F963 (2017), Sec. 4.33 & 5.11.4 Citation: 16 CFR 1250 & 16 CFR 1500.19	Any marble intended for children 3 years of age or older shall bear the prescribed safety alert symbol following by this cautionary statement: WARNING: CHOKING HAZARD--This toy is a marble. Not for children under 3 yrs.	This test was not applicable to the sample	Not Applicable
Labeling: Promotional Materials	ASTM F963 (2017), Sec. 5.16 Citation: 16 CFR 1250	Packaging, literature accompanying toys, and point-of-sale presentations shall not use words, statements or graphic materials that are inconsistent with age grading or safety labeling for use or assembly.	This test was not applicable to the sample	Not Applicable

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Labeling				
Test Property	Test Method	Product Requirement	Results	Rating
Labeling: Propellant Devices & Separate Delay Train & Recovery System Activation Devices	16 CFR 1500.83(a)(36)	Individual toy rocket propellant devices and separate delay train and/or recovery system activation devices intended for use with premanufactured model rocket engines are exempt from bearing the full labeling required by section 2 (p) (1) of the act (repeated in Sec.1500.3 (b) (14) (i) ) insofar as such requirements would be necessary because the articles are flammable or generate pressure, provided that: (i) The devices are designed and constructed in accordance with the specifications in Sec. 1500.85 (a) (8), (9) or (14); (ii) Each individual device or retail package of devices bears the following: (A) The statement "Warning--Flammable: Read instructions before use"; (B) The common or usual name of the article; (C) A statement of the type of engine and use classification; (D) Instructions for safe disposal; and (E) Name and place of business of manufacturer or distributor; and (iii) Each individual rocket engine or retail package of rocket engines distributed to users is accompanied by an instruction sheet bearing complete cautionary labeling and instructions for safe use and handling of the individual rocket engines.	This test was not applicable to the sample	Not Applicable
Labeling: Simulated Protective Devices	ASTM F963 (2017), Sec. 5.3 & 5.9 Citation: 16 CFR 1250	Toys that simulate safety protective devices, as well as their packages or their instructions, or both, shall be labeled clearly to warn the purchaser that they are not safety protective devices.	This test was not applicable to the sample	Not Applicable
Labeling: Small Ball: 3+	ASTM F963 (2017), Sec. 5.11.3 Citation: 16 CFR 1250	Any small ball intended for children 3 years of age or older shall bear the prescribed safety alert symbol following by this cautionary statement: "WARNING: CHOKING HAZARD--This toy is a small ball. Not for children under 3 yrs."	This test was not applicable to the sample	Not Applicable
Labeling: Small Objects or Parts	ASTM F963 (2017), Sec. 4.6.3 & 5.11.2 Citation: 16 CFR 1250 & 16 CFR 1501	Toys and games intended for children at least 3 years of age but less than 6 years of age which contain as-received small part(s) shall bear the prescribed safety alert symbol following by this cautionary statement: WARNING: CHOKING HAZARD--Small parts. Not for children under 3 yrs. Small parts labeling shall not be present on products for children under 3 years of age.	This test was not applicable to the sample	Not Applicable

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Labeling				
Test Property	Test Method	Product Requirement	Results	Rating
Labeling: Stroller & Carriage Toys	ASTM F963 (2017), Sec. 4.28, 5.3 & 5.7 Citation: 16 CFR 1250	Toys intended exclusively to be strung across strollers or carriages by means of string, cords, elastic, or straps shall carry safety labeling in accordance with 5.3. The labeling shall consist of the signal word WARNING and contain, at a minimum, the following text or equivalent text which clearly conveys the same warning: Possible entanglement or strangulation injury when attached to crib or playpen. Do not attach to crib or playpen.	This test was not applicable to the sample	Not Applicable
Labeling: Toy Caps	ASTM F963 (2017), Sec. 5.12 Citation: 16 CFR 1250, 16 CFR 1500.86 & 1500.121	Refer to 16 CFR 1500.86 for required labeling.	This test was not applicable to the sample	Not Applicable
Labeling: Toy Pacifiers	ASTM F963 (2017), Sec. 4.20.2 & 5.1 Citation: 16 CFR 1250 & 16 CFR 1511.7	The following prescribed warning statement shall appear legibly and conspicuously on the packaging and on retail display cartons of toy pacifiers: Warning---Do Not Tie Pacifier Around Child's Neck as it Presents a Strangulation Danger.	This test was not applicable to the sample	Not Applicable
Labeling: Toys Intended to be Assembled by an Adult	ASTM F963 (2017), Sec. 4.6.1.3, 4.7, 5.3, 5.8 & 6.4 Citation: 16 CFR 1250	Toys and packages of toys that contain potentially hazardous small parts, sharp edges or sharp points in their unassembled state shall bear safety labeling and instructions in accordance with ASTM F963, Sec. 5.3 stating that the toy is to be assembled by an adult.	This test was not applicable to the sample	Not Applicable
Plastic Bag Suffocation Warning	Visual Inspection Citation: MA 105 CMR 630.000, 10 NY ADC 12.12, RI Code 11-9-16 & VA Code 18.2-320	MASSACHUSETTS & NEW YORK - You must label if: 1) Thickness is less than one mil, and 2) Size of opening has a diameter of seven inches or more, and 3) Length and width when added together totals 25 inches or more. RHODE ISLAND - You must label if: 1) Thickness is less than one mil, and 2) Size of opening is larger than five inches in diameter. VIRGINIA - You must label dry cleaning bags if: 1) Thickness is less than one mil, and 2) Length totals twenty-five inches or more.	This test was not applicable to the sample	Not Applicable

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Test Property	Test Method	Product Requirement	Results	Rating
		<p>RHODE ISLAND - Total length and width of:            &lt;30 inches = 10 point type minimum            &gt; or = 30 inches and &lt; 40 inches = 14 point type minimum            &gt; or = 40 inches and &lt; 60 inches = 18 point type minimum            &gt; or = 60 inches = 24 point type minimum</p> <p>MASSACHUSETTS - Total length and width of:            &gt; or = 25 inches and &lt; 40 inches = 14 point type minimum            &gt; or = 40 inches and &lt; 60 inches = 18 point type minimum            &gt; or = 60 inches = 24 point type minimum</p> <p>If total length and width is &gt; 40 inches, label shall be repeated at 20 inch intervals.</p> <p>NEW YORK - Total length and width of:            &gt; or = 25 inches and &lt; 30 inches = 10 point type minimum            &gt; or = 30 inches and &lt; 40 inches = 14 point type minimum            &gt; or = 40 inches and &lt; 60 inches = 18 point type minimum            &gt; or = 60 inches = 24 point type minimum</p> <p>VIRGINIA - 36 point type minimum</p> <p>Plastic bags in Massachusetts, New York, Rhode Island, and Virginia require the following warning:            "WARNING: To avoid danger of suffocation, keep this plastic bag away from babies and children. Do not use this bag in cribs, beds, carriages or play pens. This bag is not a toy."            If the warning is required based on thickness and opening size, but not present, then the test shall be reported as fail. If a warning is present, report the warning listed on the bag.</p>		
Producers Markings for Toy Chests	ASTM F963 (2017), Sec. 7.3 Citation: 16 CFR 1250	Each toy chest shall be labeled permanently and conspicuously to identify the name and address (city, state, and zip code) of the manufacturer, distributor, or seller. A code mark or other mark shall be provided on the toy chest and either the packaging or shipping container that will identify the date (month and year) of manufacture and permit future identification of any given model. The manufacturer shall change the model number whenever the toy chest undergoes a significant structural design, or material modification, or a change that affects its conformance with this consumer safety specification.	This test was not applicable to the sample	Not Applicable

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Labeling				
Test Property	Test Method	Product Requirement	Results	Rating
Producers Markings for Toys	ASTM F963 (2017), Sec. 7.1 Citation: 16 CFR 1250	A toy's principal component or its packaging shall be legibly and conspicuously marked with the name and address of the producer or distributor. All of such markings shall be resistant to normal use conditions.	Rating of clause §7.1 : Pass	Pass
Self-Pressurized Containers: Labeling	Label Review Citation: 16 CFR 1500.130	The following warning statement will be considered as meeting the requirements of CPSIA if the only hazard associated with an article is that the contents are under pressure: "WARNING - CONTENTS UNDER PRESSURE Do not puncture or incinerate container. Do not expose to heat or store at temperatures above 120 F. Keep out of the reach of children." The word "CAUTION" may be substituted for the word "WARNING". A practical equivalent may be substituted for the statement "Keep out of the reach of children." "WARNING - CONTENTS UNDER PRESSURE" should be printed on the main (front) panel of the container in capital letters of the type size specified in 16 CFR 1500.121(c). The balance of the cautionary statements may appear together on another panel if the front panel also bears a statement such as "Read carefully other cautions on _____ panel." If an article has additional hazards, such as skin or eye irritancy, toxicity, or flammability, appropriate additional front and rear panel precautionary labeling is required.	This test was not applicable to the sample	Not Applicable
Toy Gun Marking	ASTM F963 (2017), Sec. 4.30 & 8.5-8.10 Citation: 16 CFR 1250, 15 CFR 272, 15 CFR 1150 & 15 USC Chapter 76, Sec. 5001	This requirement applies to all toy, look-alike, and imitation firearms which have the general appearance, shape, or configuration, or combination thereof, of a firearm. This includes, but is not limited to, nonfunctional guns, water guns, air soft guns, cap guns, light emitting guns, and guns with an opening that eject any nonmetallic projectile. Items subject to this requirement shall be marked or manufactured, or both, in any one of the following ways. The marking shall be permanent and shall remain in place after being tested in accordance with 8.5-8.10. The word permanent excludes the use of ordinary paint or labels for the purposes of this section. The blaze orange referred to in this section is Federal Standard 595a. Color 12199. A blaze orange plug, or brighter orange colored plug, shall be affixed into	This test was not applicable to the sample	Not Applicable

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Test Property	Test Method	Product Requirement	Results	Rating
		<p>the muzzle end of the barrel as an integral part of the toy. The plug shall not be recessed more than 0.25 inch (6mm) from the muzzle end of the barrel.</p> <p>A blaze orange band, or brighter orange colored band shall cover the circumference of the muzzle end of the barrel for a distance of at least 0.25 inch (6mm).</p> <p>Coloration of the entire exterior surface of the toy shall be white, bright red, bright orange, bright yellow, bright green, bright blue, bright pink, or bright purple, either individually or as the predominant color in combination with any other color in any pattern.</p>		
Labeling				
Test Property	Test Method	Product Requirement	Results	Rating
Flammability of Solids: Toys	ASTM F963 (2017), Sec. 4.2 & Annex A5 Citation: 16 CFR 1250 & 16 CFR 1500.44	<p>Accept if burn rate of all samples is &lt;0.1 inch (2.5 mm)/second.</p> <p>Accept and consider further investigation for action to improve performance if burn rate of all samples is &gt;0.1 inch (2.5 mm)/second but &lt;0.15 inch (3.75 mm)/second. Reject and repeat test (with 4 additional samples, one time only) if burn rate of one sample is &gt; or = 0.15 inch (3.75 mm)/second.</p> <p>Reject if burn rate of any of retested samples is &gt; or = 0.15 inch (3.75 mm)/second. Reject if burn rate of more than one of initial four samples is &gt; or = 0.15 inch (3.75 mm)/second.</p>	Conformity to Annex A5 : Pass	Pass

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**Quality & Performance Testing**

Mechanical				
Test Property	Test Method	Product Requirement	Results	Rating
Performance Test	UL-TS-060 Edition: 4.0	Sample shall perform as intended and meet all verifiable labeled claims. Unverifiable claims are reported. Report sample as PASS if the product performs as intended and meets all verifiable labeled claims. Report sample as FAIL if the product does not perform as intended or does not meet all verifiable labeled claims.	Intended performance or function(s) : Pass Verified label claim(s) : Pass	Pass
Chemical/Analytical				
Test Property	Test Method	Product Requirement	Results	Rating
Party Poppers	16 CFR 1507.11	Party poppers (also known by other names such as "Champagne Party Poppers" and "Party Surprise Poppers") shall not contain more than 0.25 grains of pyrotechnic composition. Such devices may contain soft paper or cloth inserts provided any such inserts do not ignite during normal operation.	This test was not applicable to the sample	Not Applicable
Total Bisphenol A (BPA)	In-house Method with reference to Japan Food Sanitation Law	Total BPA is reported for reference only; the result is not rated.	This test was not applicable to the sample	Not Applicable
Performance				
Test Property	Test Method	Product Requirement	Results	Rating
EU: Shape: Swim Seats	EN 13138-3 Sec. 5.2.1.1 Year: 2014	For products distributed outside the European Union, the result of this test is reported for informational purposes only; the result is not rated. For products distributed in the European Union, the result of this test is reported as PASS or FAIL. Design and appearance of swim seats shall not evoke the impression of being an aquatic toy. Inflatable buoyancy chambers or buoyancy chambers filled by air or inherently buoyant material shall be limited in number and volume to the functional needs of providing sufficient buoyancy and safety. There shall be no toy elements or above water level structures (e.g. animal imitations, car or boat structures or other elements evoking the character of an aquatic toy) and no wind-catching structures (e.g. canopies or sun-shades).	This test was not applicable to the sample	Not Applicable

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Labeling				
Test Property	Test Method	Product Requirement	Results	Rating
Instructions	Visual Inspection	Instructions: 1) Shall be clear, concise, and understandable; 2) Shall include step-by-step method of use; and 3) Shall be in the language(s) appropriate to destination countries.	This test was not applicable to the sample	Not Applicable
Labeling: Containers of Mineral Oil	16 CFR 1500.83(a)(33)	Containers of mineral oil having a capacity if not more than 1 fluid ounce and intended for use in producing a smoke effect for toy trains are exempt from the labeling specified in Sec. 1500.14 (b) (3), if: (i) The mineral oil meets the specifications in the N.F. for light liquid petrolatum; (ii) The mineral oil has a viscosity of at least 130 Saybolt universal seconds at 100 [deg] F.; (iii) The article contains no other ingredient that contributes to the hazard; and (iv) The label declares the presence light liquid petrolatum and the name and place of business of the manufacturer, packer, distributor, or seller.	This test was not applicable to the sample	Not Applicable
Labeling: Hollow Plastic Toys Containing Mineral Oil	16 CFR 1500.83(a)(32)	Hollow plastic toys containing mineral oil are exempt from the labeling specified in Sec. 1500.14 (b) (3) (ii), if: (i) The article contains no other ingredient that would cause it to possess the aspiration hazard specified in Sec. 1500.14 (b) (3) (ii); (ii) The article contains not more than 6 fluid ounces of mineral oil; (iii) The mineral oil has a viscosity of at least 70 Saybolt universal seconds at 100 [deg] F.; (iv) The mineral oil meets the specifications in the N.F. for light liquid petrolatum; and (v) The container bears the statement "Caution--Contains light liquid petrolatum N.F. discard if broken or leak develops."	This test was not applicable to the sample	Not Applicable

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Labeling				
Test Property	Test Method	Product Requirement	Results	Rating
Labeling: Viewable Size	Visual Inspection Citation: 16 CFR 410.1	If the indicated size is other than the horizontal dimension of the actual viewable picture area such size designation shall be accompanied by a statement, in close connection and conjunction therewith, clearly and conspicuously showing the manner of measurement.  NOTE: 1) For the purposes of this part, measurement of the picture area on a single plane basis refers to a measurement of the distance between the outer extremities (sides) of the picture area which does not take into account the curvature of the tube. 2) Any referenced or footnote disclosure of the manner of measurement by means of the asterisk or some similar symbol does not satisfy the "close connection and conjunction" requirement of this part.	This test was not applicable to the sample	Not Applicable
Product Documentation Review	UL-TS-030 Edition: 5.0	Point of Purchase documentation, where present, must be written in English or any other languages required by the client and/or destination country/countries.  Any English verbiage must be clear and concise so that the average consumer can assemble and operate the product. The documentation is verified that the required languages are present, as required, but the verbiage is not translated.	Language(s) : English In language(s) required by client and destination country(ies) : Yes English verbiage - clear and concise : Yes Other failure(s) : Not Found	Pass
Physical Characteristics				
Test Property	Test Method	Product Requirement	Results	Rating
USB Port	Visual Inspection	Report if sample includes a USB port. The result of this test is reported for reference only; the result is not rated.	This test was not applicable to the sample	Not Applicable
Quality & Workmanship				
Test Property	Test Method	Product Requirement	Results	Rating
Parts Inventory Test	UL-TS-050 Edition: 4.0	All parts and components required to complete the assembly and to operate the sample as intended must be present. The actual components within a set are reported, and any discrepancies are noted.	This test was not applicable to the sample	Not Applicable

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Colorfastness				
Test Property	Test Method	Product Requirement	Results	Rating
Colorfastness to Water	AATCC 107-13	Color Change: Grade 4.0 Minimum Staining: Grade 3.0 Minimum Self-Staining: Grade 4.5 Minimum	This test was not applicable to the sample	Not Applicable
Colorfastness: Saliva	DIN 53160-1 Year: 2010	Shall meet the criteria as specified. <b>Note:</b> Sample shall not show a noticeable color transfer and exhibit a minimum color change of Class 4.0 and a minimum staining of Class 3.0.	This test was not applicable to the sample	Not Applicable

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Sample description assigned by laboratory:

Number of Samples: 1		
Sample Number:	Description:	Sub-Sample Of:
001	inflatable 51" honey comb tumbler	
002	Red elastic plastic	001
003	Clear elastic plastic	001
004	Silicone plug	001

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<b>Remark 1</b>				
<b>Test Performed: Total Bisphenol A Content [The Maine Department of Environmental Protection rule, Designation of Bisphenol A as a Priority Chemical and Regulation of Bisphenol A in Children's Products (06-096 CMR ch. 882)]</b>				
Test Method : In House Method; Instrument used : Analysis was performed by Liquid Chromatograph (HPLC-DAD)				
<b>Sample Number:</b>	002	003	004	
	<b>Result</b>	<b>Result</b>	<b>Result</b>	<b>Requirements</b>
Bisphenol A	<0.1 ppm	<0.1 ppm	<0.1 ppm	Not Detected
Conclusion	Pass	Pass	Pass	
Remark: 1. Regarding the results found the symbol "<" followed by a number indicates that the concentration of the substance is less than the reporting limit expressed by that number. 2. "<" means less than; "≤" means less than or equal to. 3. "ppm" means parts per million.				
Bisphenol A (CAS No. 80-05-7);				

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Remark 2				
Test Performed: Soluble heavy metal contents in substrates [ASTM F963-17 Section 4.3.5.2 (2)(b) & 8.3]				
Sample Number:	002	003	004	
	Result	Result	Result	Requirements
Soluble Antimony (Sb)	<6.0 mg/kg	<6.0 mg/kg	<6.0 mg/kg	≤60 mg/kg
Soluble Arsenic (As)	<2.5 mg/kg	<2.5 mg/kg	<2.5 mg/kg	≤25 mg/kg
Soluble Barium (Ba)	<6.0 mg/kg	<6.0 mg/kg	<6.0 mg/kg	≤1000 mg/kg
Soluble Cadmium (Cd)	<6.0 mg/kg	<6.0 mg/kg	<6.0 mg/kg	≤75 mg/kg
Soluble Chromium (Cr)	<6.0 mg/kg	<6.0 mg/kg	<6.0 mg/kg	≤60 mg/kg
Soluble Lead (Pb)	<6.0 mg/kg	<6.0 mg/kg	<6.0 mg/kg	≤90 mg/kg
Soluble Mercury (Hg)	<6.0 mg/kg	<6.0 mg/kg	<6.0 mg/kg	≤60 mg/kg
Soluble Selenium (Se)	<6.0 mg/kg	<6.0 mg/kg	<6.0 mg/kg	≤500 mg/kg
Conclusion	Pass	Pass	Pass	
Remark: 1. Regarding the results found the symbol "<" followed by a number indicates that the concentration of the substance is less than the limit of quantification expressed by that number. 2. "<" means less than; "≤" means less than or equal to. 3. "mg/kg" means milligrams per kilogram.				

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<b>Remark 3</b>		
<b>Test Performed: Total lead content in substrates [ASTM F963 (2017), Sec. 4.3.5.2 (2)(a)]</b>		
<b>Sample Number:</b>	002+003+004	
	<b>Result</b>	<b>Requirements</b>
Lead Content	<20.0 ppm	≤ 100.0 ppm
Conclusion	Pass	
Remark: 1. Regarding the results found the symbol "<" followed by a number indicates that the concentration of the substance is less than the reporting limit expressed by that number. 2. "<" means less than; "≤" means less than or equal to. 3. "ppm" means parts per million.		

<b>Remark 4</b>		
<b>Test Performed: Total lead content in substrates [Consumer Products Safety Improvement Act of 2008]</b>		
<b>Sample Number:</b>	002+003+004	
	<b>Result</b>	<b>Requirements</b>
Lead Content	<20.0 ppm	≤ 100.0 ppm
Conclusion	Pass	
Remark: 4. Regarding the results found the symbol "<" followed by a number indicates that the concentration of the substance is less than the reporting limit expressed by that number. 5. "<" means less than; "≤" means less than or equal to. 6. "ppm" means parts per million.		

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Remark 5		
Test Performed: Total Phthalate Content [Client's Specification for California Proposition 65]		
Sample Number:	002+003+004	
	Result	Requirements
Bis(2-ethylhexyl) phthalate,DEHP	<0.010 %	≤ 0.1 %
Dibutyl phthalate,DBP	<0.010 %	≤ 0.1 %
Benzyl butyl phthalate,BBP	<0.010 %	≤ 0.1 %
Di-iso-nonyl phthalate,DINP	<0.010 %	≤ 0.1 %
Diisodecyl phthalate,DIDP	<0.010 %	≤ 0.1 %
Di-n-hexyl phthalate,DNHP	<0.010 %	≤ 0.1 %
Conclusion	Pass	
Remark: 1. Regarding the results found the symbol "<" followed by a number indicates that the concentration of the substance is less than the limit of quantification expressed by that number. 2. "<" means less than; "≤" means less than or equal to. 3. "%" means percent.		
Bis(2-ethylhexyl) phthalate,DEHP (CAS No. 117-81-7); Dibutyl phthalate,DBP (CAS No. 84-74-2); Benzyl butyl phthalate,BBP (CAS No. 85-68-7); Di-iso-nonyl phthalate,DINP (CAS No. 28553-12-0/68515-48-0); Diisodecyl phthalate,DIDP (CAS No. 26761-40-0/ 68515-49-1); Di-n-hexyl phthalate,DNHP (CAS No. 84-75-3);		

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Remark 6		
Test Performed: Total Phthalates Content [Consumer Product Safety Improvement Act of 2008 / 16 CFR Part 1307]		
Sample Number:	002+003+004	
	Result	Requirements
Bis(2-ethylhexyl) phthalate,DEHP	<0.010 %	≤ 0.1 %
Dibutyl phthalate,DBP	<0.010 %	≤ 0.1 %
Benzyl butyl phthalate,BBP	<0.010 %	≤ 0.1 %
Di-iso-butyl phthalate,DIBP	<0.010 %	≤ 0.1 %
Di-iso-nonyl phthalate,DINP	<0.010 %	≤ 0.1 %
Dicyclohexyl phthalate,DCHP	<0.010 %	≤ 0.1 %
Di-n-pentyl phthalate, DPENP	<0.010 %	≤ 0.1 %
Di-n-hexyl phthalate, DHEXP	<0.010 %	≤ 0.1 %
Conclusion	Pass	
Remark: 1. Regarding the results found the symbol "<" followed by a number indicates that the concentration of the substance is less than the limit of quantification expressed by that number. 2. "<" means less than; "≤" means less than or equal to. 3. "%" means percent.		
Bis(2-ethylhexyl) phthalate,DEHP (CAS No. 117-81-7); Dibutyl phthalate,DBP (CAS No. 84-74-2); Benzyl butyl phthalate,BBP (CAS No. 85-68-7); Di-iso-butyl phthalate,DIBP (CAS No. 84-69-5); Di-iso-nonyl phthalate,DINP (CAS No. 28553-12-0/68515-48-0); Dicyclohexyl phthalate,DCHP (CAS No. 84-61-7); Di-n-pentyl phthalate, DPENP (CAS No. 131-18-0); Di-n-hexyl phthalate, DHEXP (CAS No. 84-75-3);		

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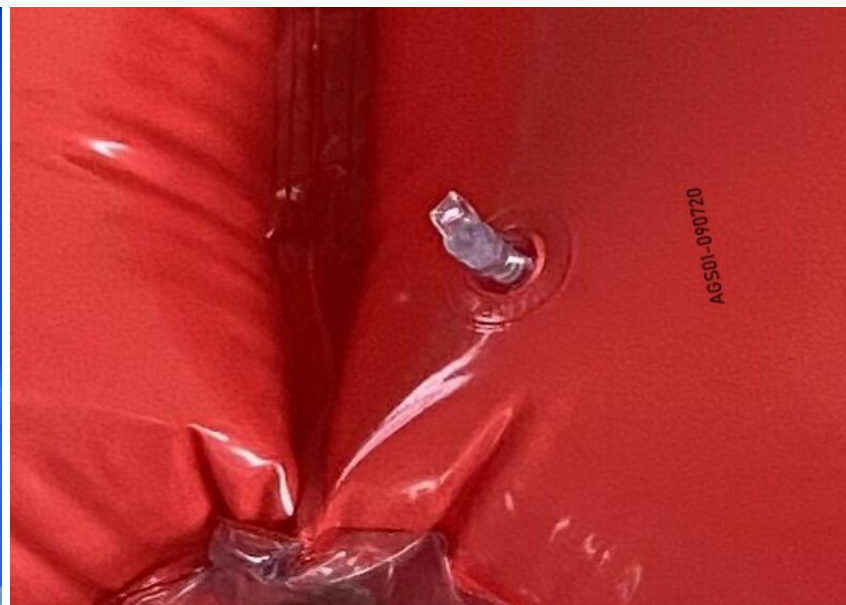
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