

TEST REPORT

REACH INTERNATIONAL TRADING LIMITED

Technical Report: (3223)060-0358 Mar.07,2023 Date Received: Mar.01,2023 Page 1 of 11

REACH INTERNATIONAL TRADING LIMITED NO.688 JINDA ROAD, INVESTMENT & INCUBATION CENTER, YINZHOU DISTRICT, NINGBO, CHINA

SAMPLE INFORMATION:

Sample Description:	CHRISTMAS METAL BUCKET	Sample Quantity:	7
Vendor:	N/A	Style No(s):	N/A
Manufacturer:	N/A	SKN/SKU No.:	N/A
Buyer:	N/A	PO No.:	4506953141
Labeled Age Grade:	NOT PROVIDED	Ref #:	N/A
Appropriate Age Grade:	N/A	Country of Origin:	CHINA
Client Specified Age Grade:	OVER 3 YEARS OF AGE	Assortment No.:	N/A
Tested Age Grade:	OVER 3 YEARS OF AGE	Country of Destination:	N/A
UPC Code:	N/A	Color:	N/A

EXECUTIVE SUMMARY:

TEST REQUESTED	CONCLUSION
The mechanical hazards requirements of ASTM F963-17, "Standard consumer safety specification for toy safety.	PASS
The labeling requirements of ASTM F963-17, "Standard consumer safety specification for toy safety.	SEE NOTE 3
The flammability requirement of solids under ASTM F963-17 section 4.2 according to Annex A5, "Flammability testing procedure for solids and soft toys"	PASS
Total Lead Content in Surface Coating – United States Consumer Product Safety Improvement Act (CPSIA), Section 101(a)(2)	PASS
Phthalates Content - Reference to California Proposition 65 List of Chemicals & As Client's requirement	PASS
Phthalates Content in Children's Toys and Child Care Articles - United States Code of Federal Regulations (CFR), Title 16, Part 1307	PASS
Total Lead Content in Substrate - United States Consumer Product Safety Improvement Act (CPSIA) Section 101(a)(2)	PASS
Total Lead Content in Surface Coating- Reference to California Proposition 65 List of Chemicals & As Client's requirement	PASS
Total Lead Content in Substrate - Reference to California Proposition 65 List of Chemicals & As Client's requirement	PASS
The total lead content of 90ppm requirements of 16 CFR 1303, "Ban of lead-containing paint and certain consumer products bearing lead-containing paint" as mandated by Congress in section 101(f) of the Consumer Products Safety Improvement Act (CPSIA) of 2008, Public Law 110-314.	PASS
Total Lead in Surface Coating - ASTM International Standard ASTM F963-17, Section 4.3.5.1(1) for Total Lead Content in Surface Coating	PASS
Soluble Heavy Metals Content in Surface Coating - ASTM International Standard ASTM F963-17, Section 4.3 5.4(2)	PASS
Total Lead in 80bstrate Material - ASTM International Standard ASTM F963-17, Section 4.3.5.2(1) for Total Lead Content in Substrate Material	PASS



This report is governed by, and incorporates by reference, the Conditions of Testing as posted at the date of issuance of this report at http://www.bureauveritas.com/home/about-us/our-business/cps/about-us/terms-conditions/ and is intended for your exclusive use. Any copying or replication of this report to or for any other person or entity, or use of our name or trademark, is permitted only with our prior written permission. This report sets forth our findings solely with respect to the test samples identified herein. The results set forth in this report are not indicative or representative of the quality or characteristics of the lot from which a test sample was taken or any similar or identical product unless specifically and expressly noted. Our report includes all of the tests requested by you and the results thereof based upon the information that you provided to use. Measurement uncertainty is only provided upon request for accredited tests. Statements of conformity are based on simple acceptance criteria without taking measurement uncertainty into account, unless otherwise requested in writing. You have 60 days from date of issuance of this report to notify us of any material error or omission caused by our negligence or if you require measurement uncertainty; provided, however, that such notice shall be in writing and shall specifically address the issue you wish to raise. A failure to raise such issue within the prescribed time shall constitute your unqualified acceptance of the completeness of this report, the tests conducted and the correctness of the report contents.



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Note:

1. The sample is tested as "Over 3 years of age" per the client's request.

2.The sample was not evaluated to the Normal Use testing requirements specified in ASTM F963-17, Section 8.5. It is the responsibility of the manufacturer, vendor or distributor to conduct tests that will simulate normal use conditions. These tests shall ensure that hazards are not generated through normal wear and deterioration of the sample. These tests shall also simulate the normal play mode of the toy and to simulate the expected mode of use of the particular toy. The tests shall be conducted in an expected use environment. These normal use tests shall simulate the intended use of the toy based on its estimated lifetime.

3.No relevant packaging was provided with the submitted sample(s), consequently, evaluation of the labeling requirements of ASTM F963-17, was not conducted.

BVCPS (ZHEJIANG) GENERAL CONTACT INFORMATION FOR THIS REPORT

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Kimi Zhu

LAB SUPERVISOR

(HARDLINE AND TOY DIVISION)

Sean Wang

Technical Manager

Sean Wang



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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 F963-17, "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 BVCPS to determine an appropriate age

grade, the labeled age grade will be used for testing.

USE AND ABUSE TESTS

The samples were undergo the tests in accordance with section 8.6 through 8.16, whichever is applicable					
Test Test Parameters Standard Reference					
Drop	4x3 ft	1500.53(b)			
Torque	4 in-lbs	1500.53(e)			
Tension	15 lbs	1500.53(f)			



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PHYSICAL AND MECHANICAL HAZARDS (ASTM F963-17)

4.3.7 Stuffing Materials N/A 4.5 Sound-Producing Toys N/A 4.6 Small Objects N/A 4.7 Accessible Edges M 4.8 Projections N/A 4.9 Accessible Points M 4.10 Wires and Rods N/A 4.11 Nalis and Fasteners N/A 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 N/A 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 4.24 Squee	Section	Requirement	Result
4.5 Sound-Producing Toys N/A 4.6 Small Objects N/A 4.7 Accessible Edges M 4.8 Projections N/A 4.9 Accessible Points M 4.10 Wires and Rods N/A 4.11 Nails and Fasteners N/A 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 4.15 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 N/A 4.19 Simulated Protective Devices N/A 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	4.1	Material Quality	М
A.6	4.3.7	Stuffing Materials	N/A
4.7 Accessible Edges M 4.8 Projections N/A 4.9 Accessible Points M 4.10 Wires and Rods N/A 4.11 Nalis and Fasteners N/A 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 N/A 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 4.24 Squeeze Toys N/A 4.25 Battery-Operated Toys (exclude Section 4.25.10 Battery-powered ride-on toys & Section 4.25.11 Toys that Contain Secondary Cells or Secondary Batteries) N/A	4.5	Sound-Producing Toys	N/A
4.8 Projections N/A 4.9 Accessible Points M 4.10 Wires and Rods N/A 4.11 Nails and Fasteners N/A 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 N/A 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 4.24 Squeeze Toys N/A 4.25 Battery-Operated Toys (exclude Section 4.25.10 Battery-powered ride-on toys & Section 4.25.11 Toys that Contain Secondary Cells or Secondary Batteries) N/A 4.26 Toys Intended to be Attached to a Crib or Playpen <t< td=""><td>4.6</td><td>Small Objects</td><td>N/A</td></t<>	4.6	Small Objects	N/A
4.9 Accessible Points M 4.10 Wires and Rods N/A 4.11 Nails and Fasteners N/A 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 N/A 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 4.24 Squeeze Toys N/A 4.25 Battery-Operated Toys (exclude Section 4.25.10 Battery-powered ride-on toys & Section 4.25.11 Toys that Contain Secondary Cells or Secondary Batteries) N/A 4.26 Toys Intended to be Attached to a Crib or Playpen N/A 4.27 Stuffed and Beanbag-Type T	4.7	Accessible Edges	М
4.10 Wires and Rods N/A 4.11 Nails and Fasteners N/A 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 N/A 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 4.24 Squeeze Toys N/A 4.25 Battery-Operated Toys (exclude Section 4.25.10 Battery-powered ride-on toys & Section 4.25.11 Toys that Contain Secondary Cells or Secondary Batteries) 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 4.30 Toy Gun Marking N/A 4.31 Small Balls <	4.8	Projections	N/A
4.11 Nails and Fasteners N/A 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 N/A 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 4.24 Squeeze Toys N/A 4.25 Battery-Operated Toys (exclude Section 4.25.10 Battery-powered ride-on toys & Section 4.25.11 Toys that Contain Secondary Cells or Secondary Batteries) 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 4.30 Toy Gun Marking N/A 4.31 Small Balls N/A 4.32 Certain Toys with Nearly Sp	4.9	Accessible Points	М
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 N/A 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 4.24 Squeeze Toys N/A 4.25 Battery-Operated Toys (exclude Section 4.25.10 Battery-powered ride-on toys & Section 4.25.11 Toys that Contain Secondary Cells or Secondary Batteries) 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 4.30 Toy Gun Marking N/A 4.31 Small Balls N/A 4.32 Certain Toys with	4.10	Wires and Rods	N/A
A.13	4.11	Nails and Fasteners	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 N/A 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 4.24 Squeeze Toys N/A 4.25 Battery-Operated Toys (exclude Section 4.25.10 Battery-powered ride-on toys & Section 4.25.11 Toys that Contain Secondary Cells or Secondary Batteries) 4.26 Toys Intended to be Attached to a Crib or Playpen N/A 4.30 Toy Gun Marking N/A 4.31 Certain Toys with Nearly Spherical Ends N/A 4.32 Certain Toys with Nearly Spherical Ends N/A 4.33 Pompoms N/A 4.34 Small Balls N/A 4.35 Pompoms N/A 4.36 Hemispheric-Shaped Objects N/A	4.12	Plastic Film	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 N/A 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 4.24 Squeeze Toys N/A 4.25 Battery-Operated Toys (exclude Section 4.25.10 Battery-powered ride-on toys & Section 4.25.11 Toys that Contain Secondary Cells or Secondary Batteries) 4.26 Toys Intended to be Attached to a Crib or Playpen N/A 4.30 Toy Gun Marking N/A 4.31 Certain Toys with Nearly Spherical Ends N/A 4.32 Certain Toys with Nearly Spherical Ends N/A 4.33 Small Balls N/A 4.34 Small Balls N/A 4.35 Pompoms N/A 4.36 Hemispheric-Shaped Objects N/A	4.13	Folding Mechanisms and Hinges	N/A
4.16 Confined Spaces N/A 4.17 Wheels, Tires, and Axles N/A 4.18 Holes, Clearances and Accessibility of Mechanisms N/A 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 4.24 Squeeze Toys N/A 4.25 Battery-Operated Toys (exclude Section 4.25.10 Battery-powered ride-on toys & Section 4.25.11 Toys that Contain Secondary Cells or Secondary Batteries) 4.26 Toys Intended to be Attached to a Crib or Playpen N/A 4.27 Stuffed and Beanbag-Type Toys N/A 4.30 Toy Gun Marking N/A 4.31 Certain Toys with Nearly Spherical Ends N/A 4.32 Certain Toys with Nearly Spherical Ends N/A 4.33 Pompoms N/A 4.34 Small Balls N/A 4.35 Pompoms N/A 4.36 Hemispheric-Shaped Objects N/A	4.14	Cords, Straps and Elastics	N/A
4.17 Wheels, Tires, and Axles 4.18 Holes, Clearances and Accessibility of Mechanisms N/A 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 4.24 Squeeze Toys N/A 4.25 Battery-Operated Toys (exclude Section 4.25.10 Battery-powered ride-on toys & Section 4.25.11 Toys that Contain Secondary Cells or Secondary Batteries) 4.26 Toys Intended to be Attached to a Crib or Playpen N/A 4.27 Stuffed and Beanbag-Type Toys N/A 4.30 Toy Gun Marking N/A 4.32 Certain Toys with Nearly Spherical Ends N/A 4.34 Small Balls N/A 4.35 Pompoms N/A N/A Hemispheric-Shaped Objects N/A	4.15	Stability and Over-Load Requirements	N/A
4.18 Holes, Clearances and Accessibility of Mechanisms N/A 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 4.24 Squeeze Toys N/A 4.25 Battery-Operated Toys (exclude Section 4.25.10 Battery-powered ride-on toys & Section 4.25.11 Toys that Contain Secondary Cells or Secondary Batteries) 4.26 Toys Intended to be Attached to a Crib or Playpen N/A 4.27 Stuffed and Beanbag-Type Toys N/A 4.30 Toy Gun Marking N/A 4.32 Certain Toys with Nearly Spherical Ends 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	4.16	Confined Spaces	N/A
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 4.24 Squeeze Toys N/A 4.25 Battery-Operated Toys (exclude Section 4.25.10 Battery-powered ride-on toys & Section 4.25.11 Toys that Contain Secondary Cells or Secondary Batteries) 4.26 Toys Intended to be Attached to a Crib or Playpen N/A 4.27 Stuffed and Beanbag-Type Toys N/A 4.30 Toy Gun Marking N/A 4.32 Certain Toys with Nearly Spherical Ends 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	4.17	Wheels, Tires, and Axles	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 4.24 Squeeze Toys N/A 4.25 Battery-Operated Toys (exclude Section 4.25.10 Battery-powered ride-on toys & Section 4.25.11 Toys that Contain Secondary Cells or Secondary Batteries) 4.26 Toys Intended to be Attached to a Crib or Playpen N/A 4.27 Stuffed and Beanbag-Type Toys N/A 4.30 Toy Gun Marking N/A 4.32 Certain Toys with Nearly Spherical Ends N/A 4.34 Small Balls N/A 4.35 Pompoms N/A 4.36 Hemispheric-Shaped Objects N/A	4.18	Holes, Clearances and Accessibility of Mechanisms	N/A
4.21 Projectile Toys N/A 4.22 Teethers and Teething Toys N/A 4.23 Rattles N/A 4.24 Squeeze Toys N/A 4.25 Battery-Operated Toys (exclude Section 4.25.10 Battery-powered ride-on toys & Section 4.25.11 Toys that Contain Secondary Cells or Secondary Batteries) 4.26 Toys Intended to be Attached to a Crib or Playpen N/A 4.27 Stuffed and Beanbag-Type Toys N/A 4.30 Toy Gun Marking N/A 4.32 Certain Toys with Nearly Spherical Ends 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	4.19	Simulated Protective Devices	N/A
4.22 Teethers and Teething Toys N/A 4.23 Rattles N/A 4.24 Squeeze Toys N/A 4.25 Battery-Operated Toys (exclude Section 4.25.10 Battery-powered ride-on toys & Section 4.25.11 Toys that Contain Secondary Cells or Secondary Batteries) 4.26 Toys Intended to be Attached to a Crib or Playpen N/A 4.27 Stuffed and Beanbag-Type Toys N/A 4.30 Toy Gun Marking N/A 4.32 Certain Toys with Nearly Spherical Ends 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	4.20	Pacifiers	N/A
4.23 Rattles N/A 4.24 Squeeze Toys N/A 4.25 Battery-Operated Toys (exclude Section 4.25.10 Battery-powered ride-on toys & Section 4.25.11 Toys that Contain Secondary Cells or Secondary Batteries) 4.26 Toys Intended to be Attached to a Crib or Playpen N/A 4.27 Stuffed and Beanbag-Type Toys N/A 4.30 Toy Gun Marking N/A 4.32 Certain Toys with Nearly Spherical Ends 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	4.21	Projectile Toys	N/A
4.24 Squeeze Toys N/A 4.25 Battery-Operated Toys (exclude Section 4.25.10 Battery-powered ride-on toys & Section 4.25.11 Toys that Contain Secondary Cells or Secondary Batteries) 4.26 Toys Intended to be Attached to a Crib or Playpen N/A 4.27 Stuffed and Beanbag-Type Toys N/A 4.30 Toy Gun Marking N/A 4.32 Certain Toys with Nearly Spherical Ends 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	4.22	Teethers and Teething Toys	N/A
4.25 Battery-Operated Toys (exclude Section 4.25.10 Battery-powered ride-on toys & Section 4.25.11 Toys that Contain Secondary Cells or Secondary Batteries) 4.26 Toys Intended to be Attached to a Crib or Playpen 4.27 Stuffed and Beanbag-Type Toys 4.30 Toy Gun Marking 4.32 Certain Toys with Nearly Spherical Ends 4.34 Small Balls 4.35 Pompoms 4.36 Hemispheric-Shaped Objects 4.37 Yo Yo Elastic Tether Toys N/A	4.23	Rattles	N/A
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4.27 Stuffed and Beanbag-Type Toys N/A 4.30 Toy Gun Marking N/A 4.32 Certain Toys with Nearly Spherical Ends 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	4.25	(exclude Section 4.25.10 Battery-powered ride-on toys & Section 4.25.11 Toys	N/A
4.30 Toy Gun Marking N/A 4.32 Certain Toys with Nearly Spherical Ends 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	4.26	Toys Intended to be Attached to a Crib or Playpen	N/A
4.32 Certain Toys with Nearly Spherical Ends 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	4.27	Stuffed and Beanbag-Type Toys	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	4.30	Toy Gun Marking	N/A
4.35 Pompoms N/A 4.36 Hemispheric-Shaped Objects N/A 4.37 Yo Yo Elastic Tether Toys N/A	4.32	Certain Toys with Nearly Spherical Ends	N/A
4.36 Hemispheric-Shaped Objects N/A 4.37 Yo Yo Elastic Tether Toys N/A	4.34	Small Balls	N/A
4.37 Yo Yo Elastic Tether Toys N/A	4.35	Pompoms	N/A
	4.36	Hemispheric-Shaped Objects	N/A
4.38 Magnets 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	4.39	Jaw Entrapment in Handles and Steering Wheels	N/A
4.40 Expanding Materials N/A	4.40	Expanding Materials	N/A



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LABELING AND INSTRUCTIONAL REQUIREMENT (ASTM F963-17)

Section	Requirement	Result
5.4 & 5.3	Aquatic Toys	SEE NOTE 3
5.5 & 5.3	Crib and Playpen Toys	SEE NOTE 3
5.6 & 5.3	Mobiles	SEE NOTE 3
5.7 & 5.3	Stroller and Carriage Toys	SEE NOTE 3
5.8 & 5.3	Toys Intended to be Assembled by an Adult	SEE NOTE 3
5.9 & 5.3	Simulated Protective Devices	SEE NOTE 3
5.10 & 5.3	Toys with Functional Sharp Edges or Sharp Points	SEE NOTE 3
5.11	Small Objects, Small Balls, Marbles and Balloons (16 CFR 1500.19)	SEE NOTE 3
5.12	Toy Caps (16CFR1500.86)	SEE NOTE 3
5.13	Art Materials (16 CFR 1500.14(b)(8))	SEE NOTE 3
5.15	Battery-Operated Toys (exclude 5.15.1 and 5.15.2)	SEE NOTE 3
5.15.1 & 5.3	Battery-Powered Ride-On Toys	SEE NOTE 3
5.15.2 & 5.3	Button or Coin Cell Batteries	SEE NOTE 3
5.16	Promotional Materials	SEE NOTE 3
5.17 & 5.3	Magnets	SEE NOTE 3
6.1	Definition and Description	SEE NOTE 3
6.2	Crib and Playpen Toys	SEE NOTE 3
6.3	Mobiles	SEE NOTE 3
6.4 & 5.3	Toys Intended to be Assembled by an Adult	SEE NOTE 3
6.5	Battery-Operated Toys	SEE NOTE 3
6.6	Battery-Powered Ride-On Toys	SEE NOTE 3
6.7	Toys in Contact with Food	SEE NOTE 3
7.1	Producer's Name and Address	SEE NOTE 3
7.2	Battery-Powered Ride-on Toys	SEE NOTE 3

M = Meet NM = Not Meet N/A = Not Applicable R = Refer to Comment Section

FLAMMABILITY (16 CFR SECTION 1500.3(c)(6)(vi))

Requirement	Test Method Reference	Findings
Burn rate no greater than 0.1 of an inch per second	16 CFR 1500.44	Ignited but Self-Extinguished



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Tested Component(s) Breakdown List

Test Item	Description	Location	Style
1	Red coating	Inner	-
2	Multicolor coating	Surface	-
3	Silvery metal	Body	-
4	Silvery metal	Screw	-

<u>Total Lead Content in Surface Coating – United States Consumer Product Safety Improvement Act (CPSIA), Section 101(a)(2)</u>

Test Method : U.S. CPSC-CH-E1003-09.1

Maximum Limit:	90mg/kg

Test Item(s)	Result	Unit	Conclusion
1	ND	mg/kg	PASS
2	ND	mg/kg	PASS

Note / Key:

ND = Not Detected

mg/kg = milligram per

MDL = Method Detection Limit

kilogram

Detection Limit(mg/kg): 10

Phthalates Content - Reference to California Proposition 65 List of Chemicals & As Client's requirement

Test Method: Extraction with solvent, analysed by Gas Chromatography Mass Spectrometer.

Parameter	CAS No.	Unit	Maximum Allowable Limit	Result	
	-	-	-	1	2
Dibutyl phthalate (DBP)	84-74-2	mg/kg	<1000	ND	ND
Butyl benzyl phthalate (BBP)	85-68-7	mg/kg	<1000	ND	ND
Di-2-ethylhexyl phthalate (DEHP)	117-81-7	mg/kg	<1000	ND	ND
Di-n-octyl phthalate (DNOP)	117-84-0	mg/kg	<1000	ND	ND
Di-iso-nonyl phthalate (DINP)	28553-12-0	mg/kg	<1000	ND	ND
Di-iso-decyl phthalate (DIDP)	26761-40-0	mg/kg	<1000	ND	ND
Di-n-hexyl phthalate (DnHP)	84-75-3	mg/kg	<1000	ND	ND
Diisobutyl phthalate	84-69-5	mg/kg	<1000	ND	ND



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(DiBP)					
Conclusion	-	-	-	PASS	PASS

Note / Key:

ND = Not Detected

MDL = Method Detection Limit

Detection Limit (mg/kg): Each 50

Phthalates Content in Children's Toys and Child Care Articles - United States Code of Federal Regulations (CFR), Title 16, Part 1307

Test Method : CPSC-CH-C1001-09.4

Maximum Limit: Each 1000mg/kg

Toot Itom/o)		Result	l lmi4	Canalusian	
Test Item(s)	Detected Analyte(s)	Conc.	Unit	Conclusion	
1	ND	ND	mg/kg	PASS	
2	ND	ND	mg/kg	PASS	

Note / Key:

ND = Not Detected

Conc. = Concentration

Detection Limit (mg/kg): Each 50

Remark:

The list of phthalates is summarized in table of Appendix.

	List of Phthalates Content In Children's Toys And Child Care Articles - United States Code Of Federal Regulations (CFR), Title 16, Part 1307						
No.	ame of Analytes CAS-No. No. Name of Analytes CAS-No.						
1	Dibutyl phthalate (DBP)	84-74-2	5	Dihexyl phthalate	84-75-3		
2	Butylbenzylphthalate (BBP)	85-68-7	6	Diisobutyl phthalate	84-69-5		
3	Di-2-ethylhexyl phthalate (DEHP)	117-81-7	7	Di-n-pentyl phthalate(DPENP/DPP)	131-18-0		
4	Di-iso-nonyl phthalate (DINP)	28553-12-0	8	Di-cyclohexyl phthalate	84-61-7		

<u>Total Lead Content in Substrate - United States Consumer Product Safety Improvement Act (CPSIA) Section</u> 101(a)(2)

Test Method : Metal: U.S. CPSC-CH-E1001-08.3 Non-metal: U.S. CPSC-CH-E1002-08.3.

Limit: 100mg/kg

Test Item(s)	Result	Unit	Conclusion
3	ND	mg/kg	PASS
4	ND	mg/kg	PASS

Note / Key:

ND = Not Detected

mg/kg = milligram per

MDL = Method Detection Limit

kilogram



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Detection Limit(mg/kg): 10

<u>Total Lead Content in Surface Coating- Reference to California Proposition 65 List of Chemicals & As Client's requirement</u>

Test Method : U.S. CPSC-CH-E1003-09.1

The sample is digested with acid mixtures, then analyzed by ICP-OES.

		Res	sult	Maximum	
Parameter	Unit	1	2	Allowable Limit	
Lead (Pb)	mg/kg	ND	ND	90	
Conclusion	-	PASS	PASS	-	

Note / Key:

ND = Not Detected

mg/kg = milligram per

MDL = Method Detection Limit

kilogram

Detection Limit (mg/kg):10

<u>Total Lead Content in Substrate - Reference to California Proposition 65 List of Chemicals & As Client's requirement</u>

Test Method : U.S. CPSC-CH-E1001-08.3 or U.S. CPSC-CH-E1002-08.3

The sample is digested with acid mixtures, then analyzed by ICP-OES/AAS.

_		Res	sult	Maximum
Parameter	Unit	3	4	Allowable Limit
Lead (Pb)	mg/kg	ND	ND	100
Conclusion	_	PASS	PASS	-

Note / Key:

ND = Not Detected

mg/kg = milligram per

MDL = Method Detection Limit

kilogram
Detection Limit (mg/kg):10

The total lead content of 90ppm requirements of 16 CFR 1303, "Ban of lead-containing paint and certain consumer products bearing lead-containing paint" as mandated by Congress in section 101(f) of the Consumer Products Safety Improvement Act (CPSIA) of 2008, Public Law 110-314.

Test Method : U.S. CPSC-CH-E1003.09.1

Maximum Limit:	90 mg/kg
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Test Item(s)	Result	Unit	Conclusion
1	ND	mg/kg	PASS
2	ND	mg/kg	PASS



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Note / Key:

ND = Not Detected

mg/kg = milligram per

MDL = Method Detection Limit

kilogram

Detection Limit (mg/kg):10

<u>Total Lead in Surface Coating - ASTM International Standard ASTM F963-17, Section 4.3.5.1(1) for Total Lead Content in Surface Coating</u>

ASTM International Standard ASTM F963-17, Section 8.3.1.1 and CPSC-CH-E1003-09.1

Test Method : Standard Operating Procedure for Determining Lead (Pb) in Paint and Other Similar Surface

Coating

Maximum Limit:	90mg/kg

Test Item(s)	Result	Unit	Conclusion
1	ND	mg/kg	PASS
2	ND	mg/kg	PASS

Note / Key:

Detection Limit (mg/kg): 10 mg/kg = milligram(s) per kilogram

< = Less than

Soluble Heavy Metals Content in Surface Coating - ASTM International Standard ASTM F963-17, Section 4.3.5.1(2)

Test Method: ASTM International Standard ASTM F963-17, Section 8.3.2 to 8.3.4;ASTM International Standard

ASTM F963-17, Section 8.3.5 (Excluding 8.3.5.5(3)).

Analyte	As	Ва	Cd	Cr	Hg	Pb	Sb	Se
Limit: other than modeling clay (mg/kg)	25	1000	75	60	60	90	60	500

Analyte	As	Ва	Cd	Cr	Hg	Pb	Sb	Se	Conclusion
Sample				Result ((mg/kg)				Conclusion
1	ND	194	ND	ND	ND	ND	ND	ND	Pass
2	ND	ND	ND	6.40	ND	ND	ND	ND	Pass

Note / Key:

mg/kg = milligrams per kilogram

Detection Limit (mg/kg) : As:2.5,Others:5

Cr = Chromium, Hg = Mercury, Pb = Lead,

< = Less Than

As = Arsenic, Ba = Barium, Cd = Cadmium,

Sb = Antimony, Se = Selenium



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<u>Total Lead in Substrate Material - ASTM International Standard ASTM F963-17, Section 4.3.5.2(1) for Total Lead Content in Substrate Material</u>

non-metal: ASTM International Standard ASTM F963-17, Section 8.3.1.1 and CPSC-

CH-E1002-08.3 Standard Operating Procedure for Determining Lead (Pb) In Non-metal

Test Method : Children's Products

metal: CPSC-CH-E1001-08.3 Standard Operating Procedure for Determining Lead (Pb) In

Metal Children's Products

Maximum Limit:	100mg/kg

Test Item(s)	Result	Unit	Conclusion
3	ND	mg/kg	PASS
4	ND	mg/kg	PASS

Note / Key:

Detection Limit (mg/kg): 10

< = Less than

mg/kg = milligram(s) per kilogram



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SAMPLE REFERENCE PHOTO:



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