



Test Report

Report No.: C220627064R4EN

Date: Apr. 14, 2023

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Applicant : TIANJIN ZHICHENG DIAN ZI SHANG WU YOU XIAN GONG SI
Address : Xiazhuzhuangjiedao guangxianluyusiweilijaokou wuqingqu tianjin

The following information was submitted and identified by/on behalf of the client as:

Sample Name : Baby mobile
Item No. : B07T4X3M9M B07T1T8F6X B07V4ZVFCX B07V41MLYP B09XKD583W
B09XKFBFQV B0822RTCMV B07SCTNT37 B07Q39XT4T B0BLC5B65M
B0BWRT9Z19 B0BV983BFH B0BV2NR3L3 B0BV92BLFG B0BWRVQ54H
B0BV2P8HW5 B0BV92P4FF B0BV2PYX28
ASIN : PDZ143901-1P-HJFBA PDZ149601-1P-HJFBA PDZ145001-1P-HJFBA
PDZ147801-1P-FBA PDZ147901-1P-HJFBA PDZ148001-1P-HJFBA
PDZ144701-1P
Age Group : 3+ years
Date of Manufactured : Apr.2022
Place of Manufactured : Yiwu City, Zhejiang Province, China
Exported To : USA
Receive Date : Jun. 27, 2022
Test Period : Jun. 27, 2022 to Jun. 30, 2022
Test Method : Please refer to the next page(s).
Test Result(s) : Please refer to the next page(s).



Apr. 14, 2023

Edited by: Nova Reviewed by: Steven

Authorized signature: Kal
Laboratory Manager: Kal Zou

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Results Summary:

Test Items	PASS	FAIL	NA	Remark
1. Mechanical and physical - ASTM F963-17.	X			
2. Flammability - ASTM F963-17.	X			
3. Soluble migrated elements - ASTM F963-17.	X			
4. Total Lead(Pb) Content In Surface Coating - ASTM F963-17.			X	
5. Total Lead(Pb) Content In Substrates - ASTM F963-17.			X	
6. Total Lead(Pb) Content in Surface Coating - CPSIA Section 101.			X	
7. Total Lead(Pb) Content in Substrates - CPSIA Section 101.			X	
8. Phthalates Content - 16 CFR 1307.			X	

Remark: 1. Phthalates requirement under CPSIA had been replace by 16 CFR part 1307;
2. NA = Not Applicable.

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Test Component(s) Description:

Component No.	Component Description	Location
<u>A-01</u>	/	baby mobile
<u>01</u>	Gray textile	Gray ball top
<u>02</u>	Wood	Star

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Test Result(s):

1. Mechanical and Physical Properties

Test method: ASTM F963-17

Labeled age grading : 3+ years
Applicant's specified age group for testing : 3+ years
Age grading for testing : 3+ years

Clause	Test Items	Assessment
		A-01
4.	Safety Requirements	
4.1	Material Quality	PASS
4.3	Toxicology	PASS
4.3.7	Stuffing Materials	PASS
4.4	Electrical /Thermal Energy	NA
4.5	Sound Producing Toys	NA
4.6	Small Objects	PASS
4.6.1	Toys that are intended for children under 36 months	NA
4.6.2	Mouth-actuated toys	NA
4.6.3	Toys and games that are intended for use by children who are at least three years old (36 months) but less than six years of age (72 months)	PASS
4.7	Accessible Edges	PASS
4.7.1	Potentially hazardous sharp metal and glass edges	PASS
4.7.2	Toys containing potentially hazardous edges that are a necessary part of the function of a toy	NA
4.7.3	Metal toys	PASS
4.7.4	Molded toys	NA
4.7.5	Exposed bolts or threaded rods	NA
4.8	Projections	NA
4.8.1	Bath Toy Projections	NA
4.9	Accessible Points	PASS
4.9.1	Potentially hazardous sharp points	PASS
4.9.2	Toys in which an accessible, potentially hazardous sharp point is a necessary function of the toy	NA
4.9.3	Wood	PASS
4.10	Wires or Rods	NA
4.11	Nails and Fasteners	PASS

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Clause	Test Items	Assessment
		A-01
4.12	Plastic Film	PASS
4.13	Folding Mechanisms and Hinges	NA
4.14	Cords, Straps, and Elastics	NA
4.14.1	Cords, straps, and elastics in toys	NA
4.14.2	Self Retracting Pull Cords	NA
4.14.3	Pull Toys	NA
4.14.4	Strings and Lines for Flying Devices	NA
4.14.5	Cords on Toy Bags Intended for Children Up to 18 Months	NA
4.14.6	Ride-on Toys	NA
4.15	Stability and Over-Load Requirements	NA
4.16	Confined Spaces	NA
4.16.1	Ventilation	NA
4.16.2	Closures	NA
4.16.2.1	With the closure in a closed position	NA
4.16.3	Toys that Enclose the Head	NA
4.17	Wheels, Tires and Axles	NA
4.18	Holes, Clearance, and Accessibility of Mechanisms	NA
4.18.1	Accessible Clearances for Moveable Segments	NA
4.18.2	Circular Holes in Rigid Materials	NA
4.18.3	Chains and Belts	NA
4.18.3.1	Supporting Chains	NA
4.18.3.2	Chains or Belts for Ride-On Toys	NA
4.18.4	Inaccessibility of Mechanisms	NA
4.18.5	Winding Keys	NA
4.18.6	Coil Springs	NA
4.19	Simulated Protective Devices(such as helmets, hats, and goggles)	NA
4.19.1	Eye Protection	NA
4.19.2	Toys that simulate safety protective devices(examples include, but are not limited to, construction helmets and sports helmets)	NA
4.20	Pacifiers	NA
4.21	Projectile Toys	NA
4.22	Teethers and Teething Toys	NA
4.22.1	Teethers and teething toys shall conform to the dimensional requirements	NA
4.22.2	In addition, teethers and teething toys incorporating nearly spherical, hemispherical, or circular flared ends	NA

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Clause	Test Items	Assessment
		A-01
4.22.3	Exclusion	NA
4.23	Rattles	NA
4.23.1	In addition to meeting the requirements	NA
4.24	Squeeze Toys	NA
4.24.1	Squeeze toys shall conform to the dimensional requirements	NA
4.25	Battery-Operated Toys	NA
4.26	Toys Intended to be Attached to a Crib or Playpen	NA
4.26.1	Protrusions	NA
4.26.2	Crib Mobiles	NA
4.26.3	Crib Gyms	NA
4.27	Stuffed and Beanbag-Type Toys	PASS
4.28	Stroller and Carriage Toys	NA
4.29	Art Materials	NA
4.30	Toy Gun Marking	NA
4.31	Balloons	NA
4.32	Certain Toys with Nearly Spherical Ends	NA
4.32.1	Nearly spherical, hemispherical, circular flared, or dome-shaped ends of toys or components of toys	NA
4.32.2	Nearly spherical, hemispherical, or dome-shaped ends of toy fasteners (for example, nails, bolts, screws, pegs)	NA
4.32.3	Preschool Play Figures	NA
4.33	Marbles	NA
4.34	Balls	PASS
4.35	Pompoms	PASS
4.36	Hemispheric-Shaped Objects	NA
4.37	Yo Yo Elastic Tether Toys	NA
4.38	Magnets	NA
4.39	Jaw Entrapment in Handles and Steering Wheels	NA
4.40	Expanding Materials	NA
4.41	Toy Chests	NA
5.	Safety Labeling Requirements	
5.2	Age Grading Labeling	PASS
5.3	Safety Labeling Requirements	PASS
5.4	Aquatic Toys	NA
5.5	Crib and Playpen Toys	NA
5.6	Mobiles	NA

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Clause	Test Items	Assessment
		A-01
5.7	Stroller and Carriage Toys	NA
5.8	Toys Intended to be Assembled By an Adult	NA
5.9	Simulated Protective Devices	NA
5.10	Toys with Functional Sharp Edges or Points	NA
5.11	Small Objects, Small Balls, Marbles, and Balloons	PASS
5.12	Toy Caps	NA
5.13	Art Materials	NA
5.14	Electric Toys	NA
5.15	Battery-Operated Toys	NA
5.16	Promotional Materials	NA
5.17	Magnets	NA
6.	Instructional Literature	
6.1	Definition and Description	PASS
6.2	Crib and Playpen Toys	NA
6.3	Mobiles	NA
6.4	Toys Intended to be Assembled By an Adult	NA
6.5	Battery-Operated Toys	NA
6.6	Battery Powered Ride-on Toys	NA
6.7	Toys in Contact with Food	NA
6.8	Toy Chests	NA
7.	Producer's Markings	
7.1	Either a principal component of a toy or the package of toy shall be marked with the name and address of the producer or the distributor	PASS
7.2	Battery-Powered Ride-on Toys	NA
7.3	Toy Chests	NA

Note: 1. NA = Not Applicable.

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2. Flammability

2.1. Flammability Test for solids and soft toys materials (CPSC 16 CFR 1500.44 & ASTM F963-17 Annex 5)

As per section 4.2 of the ASTM F963-17

<u>Component No.</u>	<u>Ignition point</u>	<u>Burn length (inch)</u>	<u>Time (sec)</u>	<u>Burn rate (inch/sec)</u>	<u>Limit (inch/sec)</u>	<u>Conclusion(s)</u>
A-01	Edge	1.50	60	0.02	0.10	PASS

Note: 1. DNI = Did not ignite.

2. IBE = Ignited but extinguished.

3. All styles of the submitted toy samples (and its accessories) was/were tested, The above result only showed the most severe burn rate of the samples.

3. Soluble migrated elements

Test Method: ASTM F963-17 Standard Consumer Safety Specification for Toy Safety - Section 8.3,

Test Methods for Determination of Heavy Element Content in Toys, Toy Components and Materials

<u>Test Items</u>	<u>Limit</u>	<u>Unit</u>	<u>RL</u>	<u>01</u>	<u>02</u>
Sol.Sb	60	mg/kg	5	ND	ND
Sol.As	25	mg/kg	2.5	ND	ND
Sol.Ba	1000	mg/kg	5	ND	7
Sol.Cd	75	mg/kg	5	ND	ND
Sol.Cr	60	mg/kg	5	ND	ND
Sol.Pb	90	mg/kg	5	ND	ND
Sol.Hg	60	mg/kg	5	ND	ND
Sol.Se	500	mg/kg	5	ND	ND
<u>Conclusion(s)</u>				PASS	PASS

Note: 1. Sol. = Soluble;

2. RL = Reporting Limit;

3. ND=Not Detected (Less than RL).

4. 1000mg/kg(milligrams per kilogram) = 1000ppm(part per million) = 0.1%.

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4. Total Lead(Pb) Content in Surface Coating according to ASTM F963-17

Test Method: With reference to CPSC-CH-E1003-09.1 The lead content analyzed by Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES) / Flame Atomic Absorption Spectrometry(FAAS)

<u>Test Item</u>	<u>Unit</u>	<u>Limit</u>	<u>Result(s)</u>
Lead(Pb)	mg/kg	90	NA

Note: 1. NA = Not Applicable.

5. Total Lead(Pb) Content in Substrate according to ASTM F963-17

Test Method: With reference to CPSC-CH-E1001-08.3 and/or CPSC-CH-E1002-08.3 The lead content analyzed by Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES) / Flame Atomic Absorption Spectrometry(FAAS)

<u>Test Item</u>	<u>Unit</u>	<u>Limit</u>	<u>Result(s)</u>
Lead(Pb)	mg/kg	100	NA

Note: 1. NA = Not Applicable.

6. Total Lead(Pb) Content In Surface Coating according to CPSIA

Test Method: With reference to CPSC-CH-E1003-09.1 The lead content analyzed by Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES) / Flame Atomic Absorption Spectrometry(FAAS)

<u>Test Item</u>	<u>Unit</u>	<u>Limit</u>	<u>Result(s)</u>
Lead(Pb)	mg/kg	90	NA

Note: 1. NA = Not Applicable.

7. Total Lead(Pb) Content in Substrates according to CPSIA

Test Method: With reference to CPSC-CH-E1001-08.3 and/or CPSC-CH-E1002-08.3 The lead content analyzed by Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES) / Flame Atomic Absorption Spectrometry(FAAS)

<u>Test Item</u>	<u>Unit</u>	<u>Limit</u>	<u>Result(s)</u>
Lead(Pb)	mg/kg	100	NA

Note: 1. NA = Not Applicable.

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8. Phthalates Content according to 16 CFR 1307

<u>Test Items</u>	<u>Test Method</u>	<u>Unit</u>	<u>Limit</u>	<u>Results</u>
Phthalates(DBP, BBP, DEHP, DINP, DIBP, DPENP, DHEXP, DCHP)	CPSC-CH-C1001-09.4	mg/kg	1000	NA

Note: 1. NA = Not Applicable.

Remark: This report instead of C220627064R3EN.

Sample Photo(s):



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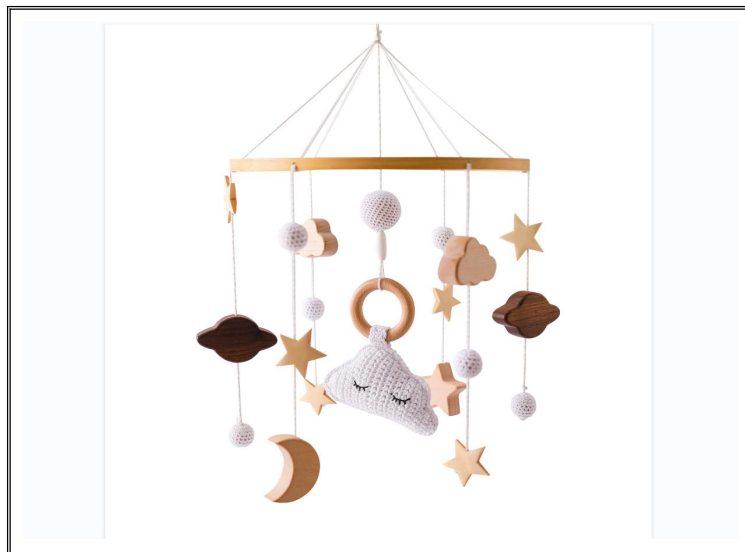
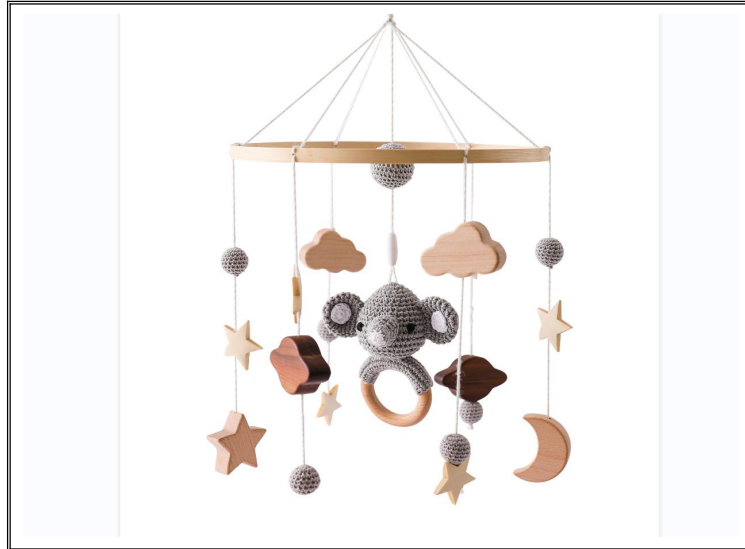
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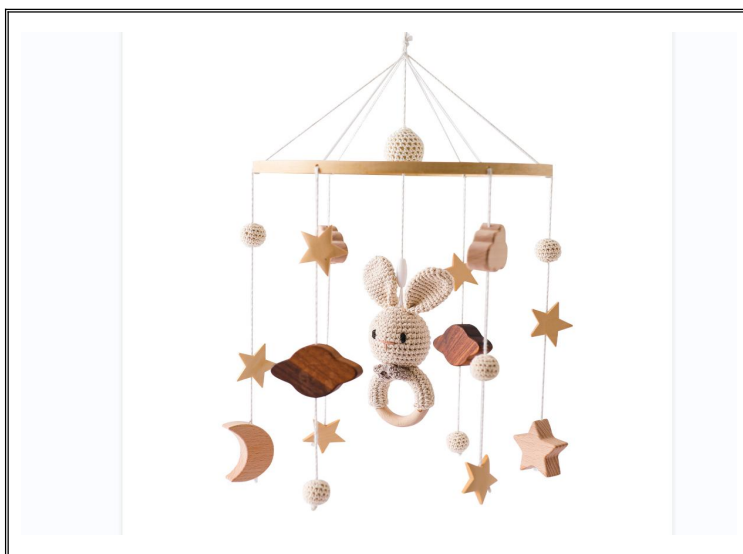
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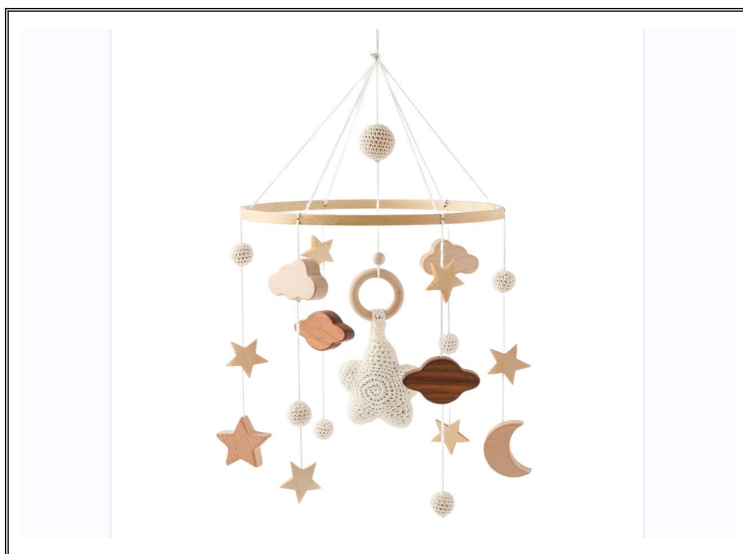
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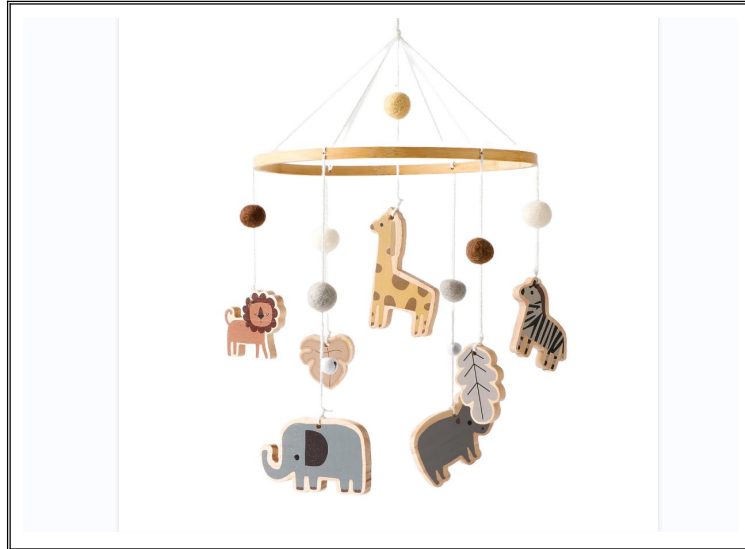
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End of Report

NOTE:

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