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Company Name

shown on Report

JOYIN US CORP

Address 315 W ELLIOT RD #107-168 TEMPE, AZ 85284

The following sample(s) and sample information was/were submitted and identified by/on the behalf of the client

Sample Name Mermaid Gem Painting Bottle

Item No. 60143

Exported to U.S.A Europe

Quantity Of Sample 2pcs
Client Specified Age Grading 6+
Labeled Age Grading 6+

Age Group Applied in Testing 6+YEARS
Sample Received Date Jan. 20, 2025
Sample Resubmitted Date Mar. 6, 2025

Testing Period Jan. 20, 2025 to Mar. 6, 2025

Test Conducted:

As requested by the Company Name shown on Report . For details refer to next page(s)

Ne Dong是 Mathori Signafory

检验检测专用章
Inspection & Testing Services

Chen Kaimin Authorized Signatory

Chen Kaimin

Date Mar. 6, 2025 No. T277497953

Centre Testing International Pinbiao(Shanghai) Co., Ltd.

No.1351, Wanfang Road, Minhang District, Shanghai, China



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Executive Summary:

TEST	T REQUEST	CONCLUSION
1)	ASTM F963-23Standard Consumer Safety Specification for Toy Safety	
-	Mechanical and Physical test	PASS
-	Clause 4.2 Flammability of toys	PASS
-	Clause 4.3.5 Total Lead content in paint and similar surface coating materials	PASS
-	Clause 4.3.5 Heavy elements – Migration of certain elements	PASS
-	Clause 4.3.8 Phthalates content	PASS
2)	US Consumer Product Safety Improvement Act of 2008 (CPSIA) with amendment (H.R.2715)	
-	Sec.103 Tracking Labels for Children's Products	PASS
-	Sec.101 Lead in surface-coatings and similar materials of children's products	PASS
-	Sec.108 Prohibition on sale of certain products containing specified phthalates (16 CFR Part 1307 Prohibition of Children's Toys and Child Care Articles Containing Specified Phthalates)	PASS
3)	Title 16, Code of Federal Regulations, Chapter II – Consumer Products Safety Commission	
-	16 CFR 1500.48 Technical requirements for determining a sharp point in toys and other articles intended for use by children under 8 years of age.	PASS
-	16 CFR 1500.49 Technical requirements for determining a sharp metal or glass edge in toys and other articles intended for use by children under 8 years of age.	PASS
-	16 CFR 1501 Method for Identifying Toys and Other Articles Intended for Use by Children Under 3 Years of Age Which Present Choking, Aspiration, or Ingestion Hazards Because of Small Parts	N/A
-	16 CFR 1500.44 Method for determining extremely flammable and flammable solids.	PASS
-	16 CFR 1303 Ban of Lead-Containing Paint and Certain Consumer Products Bearing Lead-Containing Paint	PASS



Report No. A2250033077108 Page 3 of 20 4) European Standard on Safety of Toys EN 71-1:2014+A1:2018(E) Mechanical and Physical Properties **PASS** EN 71-2:2020 Flammability of Toys **PASS** Labeling requirement (CE mark, Manufacture/Importer mark and product **REFER TO** identification)—Directive 2009/48/EC Safety of toys **NEXTPAGES** EN 71-3:2019+A1:2021 Migration of certain elements **PASS** For chemical test, the tested component(s) is/are identified by the applicant. ****** For further details, please refer to the following page(s)********



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1) ASTM F963-23 Standard Consumer Safety Specification for Toy Safety

▼ Mechanical and Physical test

As specified in ASTM F963-23 standard consumer safety specification for toy safety.

4.1 Material Quality	Clause	<u>Description</u>	Assessment
4.3. Toxicology N/A 4.3.7 Stuffing Materials. N/A 4.5 Sound-producing Toys. N/A 4.6 Small Objects. N/A 4.6.1 Toys that are intended for children under 36 months of age. N/A 4.6.2 Mouth-Actuated Toys. N/A 4.6.3 Toys and games that are intended for use by children who at least three years old but less than six years of age. N/A 4.7 Accessible Edges. Pass 4.8 Projections. N/A 4.9 Accessible Points. Pass 4.10 Wires or Rods N/A 4.11 Nails and Fasteners. N/A 4.12 Plastic Film. Pass^A 4.13 Folding Mechanisms and Hinges N/A 4.13.1 Folding Mechanisms. N/A 4.13.2 Hinge-line Clearance. N/A*** N/A ***0!= Not Applicable (as the weight of hinge arrangement was less than 1/2 lb.) 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 4.19 Simulated Protective Devices. N/A	4.	Safety Requirements	
4.3.7 Stuffing Materials. N/A 4.5 Sound-producing Toys. N/A 4.6 Small Objects. N/A 4.6.1 Toys that are intended for children under 36 months of age. N/A 4.6.2 Mouth-Actuated Toys. N/A 4.6.3 Toys and games that are intended for use by children who at least three years old but less than six years of age. N/A 4.7 Accessible Edges. Pass 4.8 Projections. N/A 4.9 Accessible Points. Pass 4.10 Wires or Rods. N/A 4.11 Nails and Fasteners. N/A 4.12 Plastic Film. Pass^A 4.13 Folding Mechanisms and Hinges 4.13.1 Folding Mechanisms and Hinges N/A 4.13.2 Hinge-line Clearance. N/A ************************************	4.1	Material Quality	Pass
4.5 Sound-producing Toys. N/A 4.6 Small Objects. N/A 4.6.1 Toys that are intended for children under 36 months of age. N/A 4.6.2 Mouth-Actuated Toys. N/A 4.6.3 Toys and games that are intended for use by children who at least three years old but less than six years of age. N/A 4.7 Accessible Edges. Pass 4.8 Projections. N/A 4.9 Accessible Points. Pass 4.10 Wires or Rods. N/A 4.11 Nails and Fasteners. N/A 4.12 Plastic Film. Pass^A 4.13 Folding Mechanisms and Hinges 4.13.1 Folding Mechanisms. N/A 4.13.2 Hinge-line Clearance. N/A N/A **01 N/A **01 N/A **021 N/A **03 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. <t< td=""><td>4.3</td><td>Toxicology</td><td></td></t<>	4.3	Toxicology	
4.6 Small Objects. N/A 4.6.1 Toys that are intended for children under 36 months of age. N/A 4.6.2 Mouth-Actuated Toys. N/A 4.6.3 Toys and games that are intended for use by children who at least three years old but less than six years of age. N/A 4.7 Accessible Edges. Pass 4.8 Projections. N/A 4.9 Accessible Points. Pass 4.10 Wires or Rods. N/A 4.11 Nails and Fasteners. N/A 4.12 Plastic Film. Pass ^A 4.13 Folding Mechanisms and Hinges 4.13.1 Folding Mechanisms. N/A 4.13.2 Hinge-line Clearance. N/A ⁸⁰¹ N/A ⁸⁰¹ = Not Applicable (as the weight of hinge arrangement was less than 1/2 lb.) 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 4.19 Simulated Protective Devices.	4.3.7	Stuffing Materials	N/A
4.6.1 Toys that are intended for children under 36 months of age. N/A 4.6.2 Mouth-Actuated Toys. N/A 4.6.3 Toys and games that are intended for use by children who at least three years old but less than six years of age. N/A 4.7 Accessible Edges. Pass 4.8 Projections. N/A 4.9 Accessible Points. Pass 4.10 Wires or Rods. N/A 4.11 Nails and Fasteners. N/A 4.12 Plastic Film. Pass^A 4.13 Folding Mechanisms and Hinges N/A 4.13.1 Folding Mechanisms and Hinges N/A 4.13.2 Hinge-line Clearance. N/A N/A ************************************	4.5	Sound-producing Toys	N/A
4.6.2 Mouth-Actuated Toys	4.6	Small Objects	N/A
4.6.3 Toys and games that are intended for use by children who at least three years old but less than six years of age. N/A 4.7 Accessible Edges. Pass 4.8 Projections. N/A 4.9 Accessible Points. Pass 4.10 Wires or Rods. N/A 4.11 Nails and Fasteners. N/A 4.12 Plastic Film. Pass ^A 4.13 Folding Mechanisms and Hinges N/A 4.13.1 Folding Mechanisms. N/A 4.13.2 Hinge-line Clearance. N/A N/A #01= Not Applicable (as the weight of hinge arrangement was less than 1/2 lb.) 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, Clearance, 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.	4.6.1	Toys that are intended for children under 36 months of age	N/A
but less than six years of age	4.6.2	Mouth-Actuated Toys	N/A
4.7 Accessible Edges	4.6.3	Toys and games that are intended for use by children who at least three years old	
4.8 Projections		but less than six years of age	N/A
4.9 Accessible Points	4.7	Accessible Edges	Pass
4.9 Accessible Points. Pass 4.10 Wires or Rods N/A 4.11 Nails and Fasteners. N/A 4.12 Plastic Film. Pass^A 4.13 Folding Mechanisms and Hinges 4.13.1 Folding Mechanisms. N/A 4.13.2 Hinge-line Clearance. N/A N/A #01= Not Applicable (as the weight of hinge arrangement was less than 1/2 lb.) 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, Clearance, 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	4.8	-	N/A
4.11 Nails and Fasteners	4.9	-	Pass
4.12 Plastic Film	4.10	Wires or Rods	N/A
4.13 Folding Mechanisms and Hinges 4.13.1 Folding Mechanisms. N/A 4.13.2 Hinge-line Clearance. N/A #01 N/A #01= Not Applicable (as the weight of hinge arrangement was less than 1/2 lb.) 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, Clearance, 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	4.11	Nails and Fasteners	N/A
4.13.1 Folding Mechanisms	4.12	Plastic Film	Pass ^A
4.13.1 Folding Mechanisms	4.13	Folding Mechanisms and Hinges	
4.13.2 Hinge-line Clearance	4.13.1		N/A
N/A #01= Not Applicable (as the weight of hinge arrangement was less than 1/2 lb.) 4.14 Cords, Straps, and Elastics	4.13.2		N/A #01
1/2 lb.) 4.14 Cords, Straps, and Elastics		•	
4.14 Cords, Straps, and Elastics			
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, Clearance, 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	4.14		N/A
4.17 Wheels, Tires, and Axles	4.15	Stability and Over-Load Requirements	N/A
4.18 Holes, Clearance, 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	4.16	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	4.17	Wheels, Tires, and Axles	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	4.18	Holes, Clearance, and Accessibility of Mechanisms	N/A
4.21Projectile Toys	4.19	·	N/A
4.21Projectile Toys.N/A4.22Teethers and Teething Toys.N/A4.23Rattles.N/A	4.20	Pacifiers	N/A
4.22 Teethers and Teething Toys. N/A 4.23 Rattles. N/A	4.21		N/A
4.23 Rattles	4.22	•	N/A
4.24 Squeeze Toys	4.23		N/A
1 /	4.24	Squeeze Toys	N/A



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4.25	Battery-operated Toys	N/A
4.26	Toys Intended to be Attached to a Crib or Playpen	N/A
4.27	Stuffed and Beanbag-Type Toys	N/A
4.28	Stroller and Carriage Toys	N/A
4.29	Art Materials	N/A
4.30	Toy Gun Marking	N/A
4.31	Balloons	N/A
4.32	Certain Toys with Nearly Spherical Ends	N/A
4.33	Marbles.	N/A
4.34	Balls	N/A
4.35	Pompoms	N/A
4.36	Hemispheric-Shaped Objects	N/A
4.37	Yo Yo Elastic Tether Toys	N/A
4.38	Magnets	N/A
4.39	Jaw Entrapment in Handles and Steering Wheels	N/A
4.40	Expanding Materials	N/A
4.41	Toy Chests	N/A
5.	Labeling Requirements	
5.1	Federal Government Requirements	Pass
5.2	Age Grading Labeling.	Pass
5.3	Safety Labeling Requirements	N/A
5.4	Aquatic Toys	N/A
5.5	Crib and Playpen Toys.	N/A
5.6	Mobiles	N/A
5.7	Stroller and Carriage Toys	N/A
5.8	Toys Intended to be Assembled by an Adult	N/A
5.9	Stimulated Protective Devices	N/A
5.10	Toys with Functional Sharp Edges or Points.	N/A
5.11	Small Objects, Small Balls, Marbles, and Balloons	N/A
5.12	Art Materials	N/A
5.13	Electric Toys	N/A
5.14	Battery-operated Toys.	N/A
5.15	Promotional Materials	Pass
5.16	Magnets	N/A
6.	Instructional Literature	
6.1	Definition and description	Pass



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6.2	Crib and Playpen Toys.	. N/A
6.3	Mobiles	. N/A
6.4	Toys Intended to be Assembled by an Adult	N/A
6.5	Battery-Operated Toys.	N/A
6.6	Battery-powered Ride-on Toys	N/A
6.7	Toys in Contact with Food.	. N/A
6.8	Toy Chests	. N/A
6.9	The instructional material for toys	N/A
7.	Producer's Markings	
7.1	Producer's Markings.	Pass
7.2	Battery-Powered Ride-on Toys.	. N/A
7.3	Toy Chests	. N/A
8.	Test Methods	

N/A = Not Applicable

Remark:the result with mark A means that the final testing result of the clause was based on the re-submitted sample.

▼Clause 4.2 Flammability

As specified in ASTM F963-23 standard consumer safety specification for toy safety.

Flammability Test on Solid

Burning Rate (inch/sec)	Limit (inch/sec)
0.1*	0.1

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



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▼Clause 4.3.5 Total Lead content in paint and similar surface coating materials

Test Method: ASTM F963-23 Clause 8.3; Test Equipment: ICP-OES

Tostad Itam(s)	Result (mg/kg)	MDL	<u>Limit</u>
Tested Item(s)	001	(mg/kg)	(mg/kg)
Total Lead (Pb)	N.D.	5	90

Remark:

- MDL = Method Detection Limit

- N.D. = Not Detected (<MDL)

- mg/kg = ppm = parts per million



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▼Clause 4.3.5 Heavy elements – Migration of certain elements

Method(s) ASTM F963-23 Clause 8.3 was/were used, and the item(s) was/were analyzed by ICP-OES.

Tooted Items(s)	Result (mg/kg)	MDL	<u>Limit</u>
Tested Item(s)	002	(mg/kg)	(mg/kg)
Soluble Antimony (Sb)	N.D.	5	60
Soluble Arsenic (As)	N.D.	2.5	25
Soluble Barium (Ba)	N.D.	5	1000
Soluble Cadmium (Cd)	N.D.	5	75
Soluble Chromium (Cr)	N.D.	2.5	60
Soluble Lead (Pb)	N.D.	5	90
Soluble Mercury (Hg)	N.D.	2.5	60
Soluble Selenium (Se)	N.D.	5	500

Remark:

- MDL = Method Detection Limit
- N.D. = Not Detected (< MDL)
- mg/kg = ppm = parts per million
- Results shown of soluble elements are of adjusted analytical results by subtracting analytical Correction factor



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▼Clause 4.3.8 Phthalates content

Test Method: CPSC-CH-C1001-09.4; Test Equipment: GC-MS

T . 11. ()	Result (mg/kg)	MDL	<u>Limit</u>
Tested Item(s)	002+003+004	(mg/kg)	(mg/kg)
Di-2-ethylhexyl Phthalate (DEHP)	N.D.	30	1000
Dibutyl Phthalate (DBP)	N.D.	30	1000
Benzylbutyl Phthalate (BBP)	N.D.	30	1000
Diisononyl Phthalate (DINP)	N.D.	50	1000
Di-n-Pentyl Phthalate (DPP/DPENP)	N.D.	30	1000
Dicyclohexyl Phthalate (DCHP)	N.D.	30	1000
Di-isobutyl Phthalate (DIBP)	N.D.	30	1000
Di-n-hexyl Phthalate (DnHP/DHEXP)	N.D.	30	1000

Remark:

- MDL = Method Detection Limit
- N.D. = Not Detected (<MDL)
- mg/kg = ppm = parts per million
- 1000 mg/kg = 0.1%
- The limit for composite test should be divided by the mixed number.



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2) US Consumer Product Safety Improvement Act of 2008 (CPSIA) with amendment (H.R.2715)

As specified in section 103 of Consumer Product Safety Improvement Act 2008(CPSIA).

▼ Sec.101Lead in surface coatings and similar materials of children's products

Method(s)CPSC-CH-E1003-09.1was/were used, and the item(s) was/were analyzed by ICP-OES.

Tested Item(s)	Result (mg/kg)	MDL	<u>Limit</u>
<u>rested fielif(s)</u>	001	(mg/kg)	(mg/kg)
Total Lead(Pb)	N.D.	5	90

Remark:

- MDL = Method Detection Limit
- N.D. = Not Detected (<MDL)
- mg/kg = ppm = parts per million



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▼Sec.108 Prohibition on sale of certain products containing specified phthalates

Method(s)CPSC-CH-C1001-09.4was/were used, and the item(s) was/were analyzed by GC-MS.

Tested Item(s)	Result (mg/kg) 002+003+004	MDL (mg/kg)	Limit (mg/kg)
Di-2-ethylhexyl Phthalate (DEHP)	N.D.	30	1000
Dibutyl Phthalate (DBP)	N.D.	30	1000
Benzylbutyl Phthalate (BBP)	N.D.	30	1000
Diisononyl Phthalate (DINP)	N.D.	50	1000
Di-n-Pentyl Phthalate (DPP/DPENP)	N.D.	30	1000
Dicyclohexyl Phthalate (DCHP)	N.D.	30	1000
Di-isobutyl Phthalate (DIBP)	N.D.	30	1000
Di-n-hexyl Phthalate (DnHP/DHEXP)	N.D.	30	1000

Remark:

- MDL = Method Detection Limit
- N.D. = Not Detected (< MDL)
- mg/kg = ppm = parts per million
- 1000 mg/kg = 0.1%
- The limit for composite test should be divided by the mixed number.



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3) Title 16, Code of Federal Regulations, Chapter II – Consumer Products Safety Commission

▼ Mechanical & Physical (16 CR 1500.48,16 CFR 1500.49 & 16 CFR 1501)

Tested Item(s)	Sharp point (1500.48)	Sharp edge (1500.49)	Small part (1501)
As Received	Pass	Pass	N/A
Impact Test (Sec. 1500. 53b)	Pass	Pass	N/A
Bite Test (Sec. 1500. 53c)	N/A	N/A	N/A
Flexure Test (Sec. 1500. 53d)	N/A	N/A	N/A
Torque Test (Sec. 1500. 53e)	Pass	Pass	N/A
Tension Test (Sec. 1500. 53f)	Pass	Pass	N/A
Compression Test (Sec. 1500. 53g)	N/A	N/A	N/A
Seam tension (Sec. 1500. 53f)	N/A	N/A	N/A

N/A = Not Applicable

▼16 CFR 1500.44 Method for determining extremely flammable and flammable solids.

As Specified In Title 16 Part 1500.44 Code of Federal Regulations U.S.A

Sample	Burning Rate (inch/sec)	<u>Limit (inch/sec)</u>
Painting Bottle set	0.03	0.1

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

▼ 16 CFR 1303 Ban of Lead-Containing Paint and Certain Consumer Products Bearing Lead-Containing Paint

Method(s) CPSC-CH-E1003-09.1 was/were used, and the item(s) was/were analyzed by ICP-OES.

Tested Item(s)	Result (mg/kg)	MDL	<u>Limit</u>
	001	(mg/kg)	(mg/kg)
Total Lead (Pb)	N.D.	5	90

Remark:

- MDL = Method Detection Limit
- N.D. = Not Detected (<MDL)
- mg/kg = ppm = parts per million



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4) European Standard on Safety of Toys

▼ Mechanical and physical properties

As specified in European Standard on Safety of Toys EN 71-1:2014+A1:2018 (E)

Clause	Description		Assessment
4	General requirements		
4.1	Material cleanliness		
4.2	Assembly		
4.3	Flexible plastics shee	ting	N/A
4.4	Toy bags		N/A
4.5	Glass		N/A
4.6	Expanding materials		N/A
4.7	Edges		Pass
4.8	Points and metallic w	vires	Pass
4.9	Protruding parts		N/A
4.10	Parts moving against	each other:	
	4.10.1 Folding an	d sliding mechanisms	N/A
	4.10.2 Driving m	echanisms	N/A
	4.10.3 Hinges		N/A
	4.10.4 Springs		N/A
4.11	Mouth-actuated toys	and other toys intended to be put in the mouth	N/A
4.12	Balloons		N/A
4.13	Cords of toy kites and other flying toys		
4.14	Enclosures:		
	4.14.1 Toys which	h a child can enter	N/A
	4.14.2 Masks and	helmets	N/A
4.15	Toys intended to bear	the mass of a child:	
	4.15.1 Toys prope	elled by the child or by other means	N/A
	4.15.2 Toy bicycl	es	N/A
	4.15.3 Rocking h	orses and similar toys	N/A
	4.15.4 Toys not p	ropelled by a child	N/A
	4.15.5 Toys scoot	ers	N/A
4.16	Heavy immobile toys		N/A
4.17			N/A
4.18	Aquatic toys and inflatable toys		
4.19	Percussion caps specifically designed for use in toys and toys using percussion N/A		
	caps		



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4.20	Acoustics	N/A
4.21	Toys containing a non-electrical heat source	N/A
4.22	Small balls	N/A
4.23	Magnets	. N/A
4.24	Yo-yo balls	N/A
4.25	Toys attached to food.	N/A
4.26	Toy Disguise Costumes.	. N/A
4.27	Flying toys	N/A
5	Toys intended for children under 36 months	
5.1	General requirements.	N/A
5.2	Soft-filled toys and soft-filled parts of a toy	. N/A
5.3	Plastic sheeting	N/A
5.4	Cords, chains and electrical cables in toys	. N/A
5.5	Liquid-filled toys	N/A
5.6	Speed limitation of electrically-driven ride-on toys	. N/A
5.7	Glass and porcelain	N/A
5.8	Shape and size of certain toys	N/A
5.9	Toys comprising monofilament fibres	N/A
5.10	Small balls	. N/A
5.11	Play figures	N/A
5.12	Hemispheric-shaped toys.	. N/A
5.13	Suction cups	. N/A
5.14	Straps intended to be worn fully or partially around the neck	. N/A
5.15	Sledges with cords for pulling	N/A
6	Packaging	Pass
7	Warnings ,markings and instructions for use	
7.1	General	. Pass
7.2	Toys not intended for children under 36 months	. Pass
7.3	Latex balloons	N/A
7.4	Aquatic toys	N/A
7.5	Functional toys	. N/A
7.6	Hazardous sharp functional edges and points	. N/A
7.7	Projectiles Toys	N/A
7.8	Imitation protective masks and helmets	. N/A
7.9	Toy kites	. N/A
7.10	Roller skates, inline skates, skateboards and certain other ride-on toys	. N/A



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7.11	Toys intended to be attached to or strung across a cradle, cot, or perambulator.	N/A
7.12	Liquid-filled teethers	N/A
7.13	Percussion caps specifically designed for use in toys	N/A
7.14	Acoustics	N/A
7.15	Toy bicycles	N/A
7.16	Toys intended to bear the mass of a child	N/A
7.17	Toys comprising monofilament fibres	N/A
7.18	Toy scooters	N/A
7.19	Rocking horses and similar toys	N/A
7.20	Magnetic/electrical experimental sets	N/A
7.21	Toys with electrical cables exceeding 300 mm in length	N/A
7.22	Toys with cords or chains intended for children of 18 months and over but under	r N/A
	36 months	
7.23	Toys intended to be attached to cradle, cot or perambulator	N/A
7.24	Sledges with cords for pulling	N/A
7.25	Flying toys	N/A
7.26	Improvised projectiles	N/A

N/A = Not Applicable

Remark:

The result with mark A means that the final testing result of the clause was based on the re-submitted sample



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▼ Flammability of Toys

As specified in European Standard on Safety of Toys EN 71-2: 2020.

<u>Clause</u>	<u>Description</u>	Assessment
4	Requirements	
4.1	General	Pass
	(The following materials shall not be used in the manufacture of toys except as	
	provided in EN 71-2:2020 :	
	Celluloid, highly flammable solids, materials with a piled surface which produce	
	surface flash, flammable gases, extremely flammable liquids, highly flammable	
	liquids, flammable liquids and flammable gels.)	
4.2	Toys to be worn on the head	N/A
4.3	Toys Disguise Costumes And Toys Intended To Be Worn By A Child In Play	N/A
4.4	Toys Intended to be Entered by a Child	N/A
4.5	Soft-filled toys	N/A

N/A = Not Applicable



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V<u>Labeling requirement (CE mark, importer / manufacturer name and address, product identification)</u> according to the Directive 2009/48/EC − Safety of toys

Summary table:

	Observation Result	Location
CE mark	Found	Packaging
Importer's Name & Address	Found	Packaging
Manufacturer's Name & Address	Found	Toy/Packaging
Product ID	Found	Toy/Packaging

Note:

- ①: Toys made available on the market must bear the CE marking. The CE marking must be subject to the general principle set out in Article 30 of Regulation (EC) NO 765/2008. The CE marking must be affixed visibly, legibly and indelibly to the toy, to an affixed label or to the packaging. In the case of small toys and toys consisting of small parts, the CE marking may alternatively be affixed to a label or an accompanying leaflet. Where, in the case of toys sold in counter displays, that is not technically possible, and on condition that the counter display was originally used as packaging for the toy, the CE marking may be affixed to the counter display. Where the CE marking is not visible from outside the packaging, if any, it shall as a minimum be affixed to the packaging. Where specific legislation does not impose specific dimensions, the CE marking must be at least 5 mm high.
- ②: The manufacturer's name registered trade name or registered trade mark and the address at which the manufacture can be contacted must be indicated on the toy or, where that is not possible, on its packaging or in a document accompanying the toy. This requirement applies also to the name and address etc. of any importer.
- ③: Manufacturer must ensure that their toys bear a type, batch, serial or model number or other element allowing their identification, or where the size or nature of the toy does not allow it, that the required information is provided on the packaging or in a document accompanying the toy.



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▼ Migration of certain elements

Method(s) EN 71-3:2019+A1:2021was/were used, and the item(s) was/were determined by ICP-OES, ICP-MS, IC-UV and/or GC-MS.

Category Ⅲ:scraped-off toy material

Tested Item(s)	Result (mg/kg)	<u>MDL</u>	<u>Limit</u>
Tested Item(s)	002	(mg/kg)	(mg/kg)
Aluminium (Al)	N.D.	50	28130
Antimony (Sb)	N.D.	5	560
Arsenic (As)	N.D.	5	47
Barium (Ba)	N.D.	50	18750
Boron (B)	N.D.	50	15000
Cadmium (Cd)	N.D.	1	17
Chromium (III) #1	N.D.	1	460
Chromium (VI)	N.D.	0.002	0.053
Cobalt (Co)	N.D.	5	130
Copper (Cu)	N.D.	50	7700
Lead (Pb)	N.D.	5	23
Manganese (Mn)	N.D.	50	15000
Mercury (Hg)	N.D.	5	94
Nickel (Ni)	N.D.	5	930
Selenium (Se)	N.D.	5	460
Strontium (Sr)	N.D.	50	56000
Tin (Sn) #2	N.D.	2	180000
Organic tin (TBT) #3		0.05	12
Zinc (Zn)	N.D.	50	46000



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Remark:

- MDL = Method Detection Limit
- N.D. = Not Detected (<MDL)
- mg/kg = ppm = parts per million
- #1Trivalent chromium (Cr (III)) = Chromium (Cr) Hexavalent chromium (Cr (VI)).
- ^{#2}Tin (Sn) content can be used for screen test for organic tins analysisto show compliance with the requirement of EN 71-3:2019+A1:2021.
- #3The migration of organic tin is expressed as tributyltin (TBT). Where the tin content exceeded the limit of organic tin, eleven organic tins listed in the table were determined by GC-MS and the client should note there are other organic tins that may be present in toy materials.

<u>, , , , , , , , , , , , , , , , , , , </u>		
Organic tins tested underEN 71-3:2019+A1:2021		
Methyl tin (MeT)		
Butyl tin (BuT)		
Dibutyl tin (DBT)		
Tributyl tin (TBT)		
Tetrabutyl tin (TeBT)		
n-Octyl tin (MOT)		
Di-n-octyl tin (DOT)		
Di-n-propyl tin (DProT)		
Diphenyl tin (DPhT)		
Triphenyl tin (TPhT)		
Dimethyltin(DMT)		

Sample/Part Description

No.	CTI Sample ID	Description
1	001	Multi-color coating(bottle)
2	002	Transparent plastic(bottle)
3	003	Pink plastic(cover)
4	004	Pink transparent plastic(cover)



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Photo(s) of the sample(s)





Statement:

- 1. This report is considered invalid without approved signature, special seal and the seal on the perforation;
- 2. The Company Name shown on Report and Address, the sample(s) and sample information was/were provided by the applicant who should be responsible for the authenticity which CTI hasn't verified;
- 3. The result(s) shown in this report refer(s) only to the sample(s) tested;
- 4. Unless otherwise stated, the decision rule for conformity reporting is based on Binary Statement for Simple Acceptance Rule (w=0) stated in ILAC-G8:09/2019 / CNAS-GL015:2022;
- 5. Without written approval of CTI, this report can't be reproduced except in full.

*** End of Report ***