

Test Report

No. : 250101330

Date : 2025-05-13



Applicant: JOYIN US CORP
Applicant Address: 315 W Elliot Rd #107-168 Tempe, AZ 85284
Sample Name: Lamp Painting Kit
Model No.: 60191,60180,60179
Sample quantity: 6 set(s)
Country of Destination: US

*The above information is provided and confirmed by the applicant.

Labelled age range: 6+
Requested age range: 6+
Age range in testing: Over 6 years
Test category: Entrusted Test
Receipt Date of Sample: 2025-05-06
Date of Testing: 2025-05-06 ~ 2025-05-13
Test Result: Refer to the data listed in the following pages.

Zhejiang Novi Total Quality Assurance Co., Ltd.

Authorized by:

Emma Liu
Technical Manager



Authorized Date: 2025-05-13

Note:

- (1) The test report is invalid if it lacks the Dedicated Test/Inspection Stamp, approver signatures, and is blotted out.
- (2) It is prohibited to copy the test report partially (except for the entire report) without the written approval of the laboratory. Copies of the test report are invalid without the Dedicated Test/Inspection Stamp.
- (3) The applicant is responsible for the representativeness of the sample and the authenticity of the information. The laboratory assumes no liability.
- (4) The test results apply only to the received and tested sample(s).
- (5) Without the approval of the laboratory, the applicant shall not use the results for inappropriate publicity.
- (6) The testing result evaluation in the report is only based on the test results, without taking the uncertainty of the test results into account (except for special requests).
- (7) As requested by the applicant, test item(s) and component(s) details refer to attached page(s)

Test Report

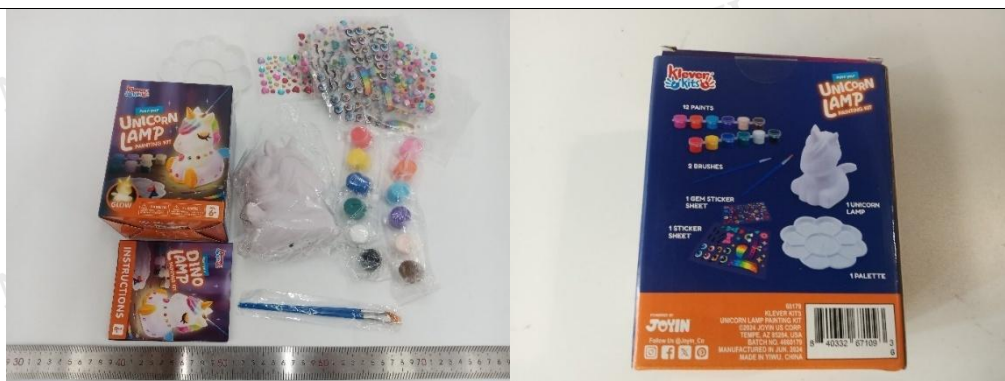
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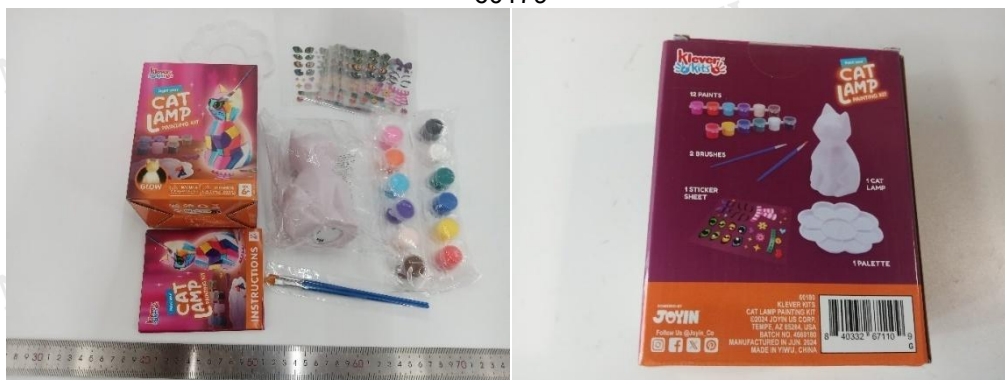


Test Item	Conclusion
1. ASTM F963-23 Standard Consumer Safety Specification for Toy Safety - Physical, Mechanical and flammability test & Chemical Requirement	Pass
2. Consumer Product Safety Improvement Act (CPSIA) of 2008 section 103 - Tracking labels for children's products	Pass
3. ASTM F963-23 Section 4.3.5.1(1) - Total Lead Content Test (Paint and Similar Surface Coating Materials)	Pass
4. ASTM F963-23 Section 4.3.5.2 - Total Lead Content Test (Substrate Materials)	Pass
5. ASTM F963-23 Section 4.3.5 - Heavy Element (Soluble Heavy Element)	Pass
6. ASTM F963-23 Section 4.3.8 - Phthalates Content	Pass
7. Total Lead Content -16 CFR Part 1303, Lead of Paint	Pass
8. Consumer Product Safety Improvement Act (CPSIA) of 2008 Section 101 - Total Lead Content Test in paint/similar surface coating material	Pass
9. Consumer Product Safety Improvement Act (CPSIA) of 2008 Section 101 - Total Lead Content Test in substrate materials	Pass
10. 16 CFR Part 1307, Prohibition of Children's Toys and Child Care Articles Containing Specified Phthalates	Pass

Photo



60179



60180



Chemical Test Sample No.	Description
1	Yellow pigment.(60191)
2	Pink pigment.(60180)
3	White pigment.(60179)
4	Blue plastic.(barrel-60191&60180&60179)

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Test Result:

1. ASTM F963-23 Standard Consumer Safety Specification for Toy Safety - Physical, Mechanical and flammability test & Chemical Requirement

Clause	Test	Numerical Value
8.5	Normal Use Testing	/
8.7	Impact test	4 x3 ft
8.8	Torque Test	4 in-lbs
8.9	Tension Test	15 lbs
8.10	Compression Test	30 lbs

Clause	Requirement	Evaluation
4	Safety Requirements	
4.1	Material quality	P
4.2	Flammability	P
4.3	Toxicology	
4.3.5	Heavy Elements	P
4.3.7	Stuffing materials	NA
4.3.8	Phthalates	P
4.5	Sound-producing toys	NA
4.5.1.1	Close-to-the-ear Toys (L_{Aeq} 65 dB, L_{Cpeak} 110 dB)	NA
4.5.1.2	Hand-held toys (L_{Aeq} 85 dB, L_{Cpeak} 115 dB)	NA
4.5.1.3	Rattle (L_{Cpeak} 115 dB)	NA
4.5.1.4	Stationary or Self-propelled Tabletop, Floor, or Crib Toys (L_{Aeq} 85 dB, L_{Cpeak} 115 dB)	NA
4.5.1.5	User-propelled Tabletop, Floor, or Crib Toys (L_{AFmax} 85 dB, L_{Cpeak} 115 dB)	NA
4.5.1.6	Push or pull toys (L_{Aeq} 85 dB, L_{AFmax} 94 dB, L_{Cpeak} 115 dB)	NA
4.5.1.7	Toys using explosive action (L_{Cpeak} 125 dB)	NA
4.6	Small Objects	NA
4.6.1	Toys intended for children under 36 months of age	NA
4.6.2	Mouth-actuated toys	NA
4.6.3	Toys and games for 36 months to 72 months	NA
4.7	Accessible edges	P
4.7.1	Potential sharp metal and glass	P
4.7.2	Functional sharp edge 48 to 96 months - warning	NA
4.7.3	Metal toys	NA
4.7.4	Molded toys	P
4.7.5	Exposed bolts or threaded rods	NA
4.8	Projections	NA
4.8.1	Bath toy projections	NA
4.9	Accessible points	P
4.9.1	Potential sharp point (under 8 years of age)	P
4.9.2	Functional sharp point 48 to 96 months—warning	NA
4.9.3	Wood splinter	NA
4.10	Wires or rods	NA
4.11	Nails and fasteners	P
4.12	Plastic film	P
4.13	Folding mechanisms and hinges	NA
4.13.1	Folding mechanisms	NA
4.13.2	Hinge-line Clearance	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 (less than 18 months of age)	NA

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4.14.3	Pull toys (under 36 months of age)	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 straps used for waist restraints	NA
4.15	Stability and over-load requirements	NA
4.15.1	Stability of ride-on toys and toy seats	NA
4.15.2	Sideways stability requirements (60 months of age or less)	NA
4.15.3	Fore and aft stability (60 months of age or less)	NA
4.15.4	Stability of stationary floor toys	NA
4.15.5	Overload requirements for ride-on toys and toy seats	NA
4.15.6	Wheeled ride-on toys	NA
4.16	Confined spaces	NA
4.16.1	Ventilation	NA
4.16.2	Closures	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 (under 96 months of age)	NA
4.18.2	Circular holes in rigid materials (aged 60 months or less)	NA
4.18.3	Chains and belts	NA
4.18.4	Inaccessibility of mechanisms (aged 60 months or less)	NA
4.18.5	Winding keys (under 36 months of age)	NA
4.18.6	Coil springs	NA
4.19	Simulated protective devices	NA
4.19.1	Eye protection	NA
4.19.2	Simulate safety protective devices--label	NA
4.20	Pacifiers	NA
4.20.1	Pacifiers with rubber nipples	NA
4.20.2	Small objects	NA
4.21	Projectile toys	NA
4.21.1	All Projectiles	NA
4.21.2	Projectile Toys with Stored Energy	NA
4.21.3	Projectile Toys without Stored Energy	NA
4.21.4	Rotors	NA
4.22	Teethers and teething toys	NA
4.23	Rattles	NA
4.24	Squeeze toys	NA
4.25	Battery-operated toys	P
4.25.1	Battery polarity, size and voltage marking	P
4.25.2	Maximum allowable direct current potential	P
4.25.3	Non-rechargeable battery	NA
4.25.4	Battery accessibility	P
4.25.5	Batteries of different types or capacities	P
4.25.6	Battery surface temperature limit	P
4.25.7	General requirement on temperature and combustion hazard	P
4.25.8	Instructions on safe battery usage	P
4.25.9	Battery-Powered Ride-On Toys	NA
4.25.10	Toys that Contain Secondary Cells or Secondary Batteries	NA
4.26	Toys intended to be attached to a crib or playpen	NA
4.26.1	Protrusions	NA
4.26.2	Crib mobile	NA
4.26.3	Crib gyms	NA
4.27	Stuffed and beanbag-type toys	NA
4.28	Stroller and carriage toys	NA

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4.29	Art materials	P#1
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 (up to the age of 18 months)	NA
4.32.2	Nearly Spherical, hemispherical, or dome-shaped ends of toy fasteners (aged at least 18 months, but less than 48 month of age)	NA
4.32.3	Preschool play figures (under 3 years of age)	NA
4.33	Marbles	NA
4.34	Balls	NA
4.34.1	Balls/loose balls in toys (under 36 months of age)	NA
4.34.2	Toys contain loose small ball (3~8 years)– Warning	NA
4.35	Pompoms	NA
4.36	Hemispherical-shaped objects	NA
4.36.1	Objects intended for drinking	NA
4.36.2	Objects intended to hold liquids in products appropriate for children at least 2 years old	NA
4.36.3	Containers that shall be airtight so the contents can maintain their functional integrity	NA
4.36.4	Non-detachable components of larger products	NA
4.37	Yo Yo elastic tether toys	NA
4.38	Magnets	NA
4.38.1	Loose as-received hazardous magnet or magnetic component	NA
4.38.2	Loose hazardous magnet or magnetic component after abuse testing	NA
4.38.3	Magnetic/electrical experimental sets intended for children over eight years of age --Safety labeling	NA
4.39	Jaw Entrapment in Handles and Steering Wheels	NA
4.40	Expanding Materials	NA
4.41	Toy chests	NA
4.41.1	Lid Support	NA
4.41.2	Hinge Line Clearance	NA
4.41.3	Closures	NA
4.41.4	Ventilation	NA
4.41.5	Markings and instruction	NA
5	Labeling Requirements	
5.1.2	Tracking information on both product and its packaging	P
5.2	Age Grading Labeling	P
5.3	Safety Labeling Requirement	NA
5.4	Aquatic toys	NA
5.5	Crib and playpen toys	NA
5.6	Mobiles	NA
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	NA
5.12	Art materials	P
5.13	Electric toys	NA
5.14	Battery-operated toys	NA
5.15	Promotional materials	P
5.16	Magnets	NA
6	Instructional Literature	
6.1	Definition and description	P

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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	P
6.6	Battery-powered ride on toys	NA
6.7	Toys in contact with food	NA
6.8	Toys chests	NA
6.9	Instructional for manufacturer-supplied specialty or custom tools	NA
7	Producer's Marking	
7.1	Name and address of the producer or distributor	P
7.2	Battery-powered ride on toys	NA
7.3	Toy chests	NA

Abbreviation: P = Pass, NA = Not Applicable

Remark:

#1 - The results of the toxicological review on art materials, as specified in section 4.29 of ASTM F963-23 and 16 CFR Part 1500.14(b)(8) LHAMA, refer to the applicant provided report: (3223)108-0101.

2. Consumer Product Safety Improvement Act (CPSIA) of 2008 section 103 - Tracking labels for children's products

Section	Requirement	Evaluation
Tracking labels for children's product	Tracking label per Consumer Product Safety Improvement Act (CPSIA) of 2008	Pass

Note: The tracking label assessment was based on the submitted samples and the information provided by the applicant. There was no verification on the validity of such information.

3. ASTM F963-23 Section 4.3.5.1(1) - Total Lead Content Test (Paint and Similar Surface Coating Materials)

Test with reference to CPSC-CH-E1003-09.1, determination by ICP-OES/ICP-MS.

Parameter	Unit	MDL	Limit	Result(s)
				1+2+3
Lead	mg/kg	10.0	90	<10.0
Conclusion				Pass

4. ASTM F963-23 Section 4.3.5.2 - Total Lead Content Test (Substrate Materials)

Test with reference to CPSC-CH-E1001-08.3, CPSC-CH-E1002-08.3, determination by ICP-OES/ICP-MS.

Parameter	Unit	MDL	Limit	Result(s)
				4
Lead	mg/kg	10.0	100	<10.0
Conclusion				Pass

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5. ASTM F963-23 Section 4.3.5 - Heavy Element (Soluble Heavy Element)

Test with reference to ASTM F963-23 Section 8.3 for soluble heavy elements

Parameter	MDL [mg/kg]	Limit [mg/kg]	Result(s) [mg/kg]	
			1	2
Soluble Antimony (Sb)	5.0	60	<5.0	<5.0
Soluble Arsenic (As)	2.5	25	<2.5	<2.5
Soluble Barium (Ba)	5.0	1000	<5.0	<5.0
Soluble Cadmium (Cd)	5.0	75	<5.0	<5.0
Soluble Chromium (Cr)	5.0	60	<5.0	<5.0
Soluble Lead (Pb)	5.0	90	<5.0	<5.0
Soluble Mercury (Hg)	5.0	60	<5.0	<5.0
Soluble Selenium (Se)	5.0	500	<5.0	<5.0
Conclusion			Pass	Pass

Parameter	MDL [mg/kg]	Limit [mg/kg]	Result(s) [mg/kg]	
			3	4
Soluble Antimony (Sb)	5.0	60	<5.0	<5.0
Soluble Arsenic (As)	2.5	25	<2.5	<2.5
Soluble Barium (Ba)	5.0	1000	<5.0	<5.0
Soluble Cadmium (Cd)	5.0	75	<5.0	<5.0
Soluble Chromium (Cr)	5.0	60	<5.0	<5.0
Soluble Lead (Pb)	5.0	90	<5.0	<5.0
Soluble Mercury (Hg)	5.0	60	<5.0	<5.0
Soluble Selenium (Se)	5.0	500	<5.0	<5.0
Conclusion			Pass	Pass

Remark: 1. Adjusted Analytical Result

6. ASTM F963-23 Section 4.3.8 - Phthalates Content

Test with reference to CPSC-CH-C1001-09.4, determination by GC-MS.

Parameter	CAS No.	Unit	MDL	Limit	Result(s)	
					1+2+3	4
Dibutyl phthalate, (DBP)	84-74-2	%	0.005	0.1	<0.005	<0.005
Benzyl butyl phthalate, (BBP)	85-68-7	%	0.005	0.1	<0.005	<0.005
Bis (2-ethylhexyl) phthalate, (DEHP)	117-81-7	%	0.005	0.1	<0.005	<0.005
Di-isononyl phthalate, (DINP)	28553-12-0 /68515-48-0	%	0.005	0.1	<0.005	<0.005
Diisobutylphthalate, (DIBP)	84-69-5	%	0.005	0.1	<0.005	<0.005
Dipentyl phthalate (DPP)	131-18-0	%	0.005	0.1	<0.005	<0.005
Di-n-hexyl phthalate (DHP)	84-75-3	%	0.005	0.1	<0.005	<0.005
Dicyclohexyl phthalate (DCHP)	84-61-7	%	0.005	0.1	<0.005	<0.005
Conclusion					Pass	Pass

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7. Total Lead Content -16 CFR Part 1303, Lead of Paint

Test with reference to CPSC-CH-E1003-09.1 and determination by ICP-OES/ICP-MS.

Parameter	Unit	MDL	Limit	Result(s)
				1+2+3
Lead (Pb)	mg/kg	10	90	<10
Conclusion				Pass

8. Consumer Product Safety Improvement Act (CPSIA) of 2008 Section 101 - Total Lead Content Test in paint/similar surface coating material

Test with reference to CPSC-CH-E1003-09.1 and determination by ICP-OES/ICP-MS.

Parameter	Unit	MDL	Limit	Result(s)
				1+2+3
Lead (Pb)	mg/kg	10	90	<10
Conclusion				Pass

9. Consumer Product Safety Improvement Act (CPSIA) of 2008 Section 101 - Total Lead Content Test in substrate materials

Test with reference to CPSC-CH-E1001-08.3, CPSC-CH-E1002-08.3, determination by ICP-OES/ICP-MS.

Parameter	Unit	MDL	Limit	Result(s)
				4
Lead	mg/kg	10.0	100	<10.0
Conclusion				Pass

10. 16 CFR Part 1307, Prohibition of Children's Toys and Child Care Articles Containing Specified Phthalates

Test with reference to CPSC-CH-C1001-09.4, determination by GC-MS.

Parameter	CAS No.	Unit	MDL	Limit	Result(s)	
					1+2+3	4
Dibutyl phthalate, (DBP)	84-74-2	%	0.005	0.1	<0.005	<0.005
Benzyl butyl phthalate, (BBP)	85-68-7	%	0.005	0.1	<0.005	<0.005
Bis (2-ethylhexyl) phthalate, (DEHP)	117-81-7	%	0.005	0.1	<0.005	<0.005
Di-isononyl phthalate, (DINP)	28553-12-0 / 68515-48-0	%	0.005	0.1	<0.005	<0.005
Diisobutylphthalate, (DIBP)	84-69-5	%	0.005	0.1	<0.005	<0.005
Dipentyl phthalate (DPP)	131-18-0	%	0.005	0.1	<0.005	<0.005
Di-n-hexyl phthalate (DHP)	84-75-3	%	0.005	0.1	<0.005	<0.005
Dicyclohexyl phthalate (DCHP)	84-61-7	%	0.005	0.1	<0.005	<0.005
Conclusion					Pass	Pass

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- Remarks:
1. MDL = Method Detection Limit
 2. ND = Not Detected (<MDL)
 3. \leq Less than
 4. 1 mg/kg = 1 ppm = 0.0001%
 5. NA=Not Applicable

-End of Test Report-