



中国认可  
国际互认  
检测  
TESTING  
CNAS L4783

# Test Report

Report No.: NAP2404019405E

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Applicant: DA QIANG TOYS FACTORY

Address: Chenghai District, Shantou City, Guangdong Province, China

The following test sample information is provided and confirmed by the applicant:

Sample Name: Sports Toys series  
 Item No.: Please see page 2 below  
 Packaging Provided: Yes  
 Labeled Age Grading: 3+  
 Requested Age Grading: 3+  
 Age Group Applied in Testing: 3+

Date of sample(s) received: Apr.08,2024  
 Date of Test Period: Apr.08,2024 ~ Apr.12,2024  
 Date of Report: Apr.15,2024

## TEST REQUESTED

## CONCLUSION

- |  |      |
|--|------|
| 1. As specified by client, to determine the ASTM F963-17 and ASTM F963-23 Physical & Mechanical Requirements in submitted samples.                                     | Pass |
| 2. As specified by client, to determine the ASTM F963-17 and ASTM F963-23 Flammability Requirements in submitted samples.  | Pass |
| 3. As specified by client, to determine the Soluble Migrated Elements [ASTM F963-17 and ASTM F963-23 Section 4.3.5.1 (2), 4.3.5.2 (2)(b) & 8.3] in submitted samples.  | Pass |
| 4. As specified by client, to determine the Total Lead Content In Substrates [ASTM F963-17 and ASTM F963-23 Section 4.3.5.2 (2)(a)] in submitted samples.              | Pass |
| 5. As specified by client, to determine the Total Lead Content in Paints and Surface Coatings [ASTM F963-17 and ASTM F963-23 Section 4.3.5.1(1)] in submitted samples. | Pass |

NAP Testing Technology Service (Zhongshan) Co., LTD

*Lian Yi*

Lian Yi

Authorized Signatory



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The following test sample information is provided and confirmed by the applicant:

Item No.: BB406,001,001-6G,002,002-1,002A,002B,002B2,002B4,003,003-1B,003-1H,003-2B,003-2H,003-3B,004,004A,004B,004B1,005,006,180,180F,1808,1808-5,1808-6,1808-8,1808-9,187,188,188A,188D,189B,189C,189F,189G,189H,199A,199E,199F,199G,199H,210,211,212,213,214,215,216,216H,217,217D,218,218A,218D,219A,219,260,275,2860,2860A,2861A,2861A1,2861A2,2861H,2863,2863A,2863H,2863S,2864S1,2864B,2864,2865,2866,2866B,28660B,2866B1,2866B2,2866F,2866H,2867,28671,2867B,2867B1,2868,2868H,2868B2,2869,2890,2891,2891H,315,315A,316,316D,316P,501,501A,501C,501D,502,5200,5200H,5201,5201H,5202H,5203,5204,5205,5205H,5206,5206H,5207,5208,5208P,5209,770,771,772,773,774,775,776,777,778,779,800,801,802,803,804,805,806,807,808,809,900,900A,900A4,900A5,900A6,900A7,900A8,900A9,900H,9001H1,9001H3,900E5,900E6,901,901A,901B,901B2,901B3,901B4,902,902B1,902B2,903,903F,903F1,904,904A,904B,904B1,904B2,904H,905,905B,905B2,905H,906,906A,906H,907,907A,907B,907H,9071H1,9070,9070A,907A4,907A5,907A6,907A7,907A9,908,908A,908H,909,909-1,909A,909B,909F,910F,910F1,9500,9500B,9500C,9500D,9600



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## Test Result(s):

### 1. ASTM F963-17 and ASTM F963-23 PHYSICAL & MECHANICAL REQUIREMENTS - AS PER ASTM STANDARD CONSUMER SAFETY SPECIFICATION FOR TOYS SAFETY F963-17 and F963-23

The following clauses are identified to be applicable:

Age grading for testing: 3+

Clause	Test Items	Assessment
		All
4	Safety requirements	
4.1	Material quality	P
4.2	Flammability	P
4.3	Toxicology	
4.3.3.1	Toys in Contact with Food	NA
4.3.5	Heavy Metal	
4.3.5.1	Heavy Elements in Paint/Similar Surface Coating Materials	P
4.3.5.2	Heavy Metal in Substrate Materials(See A.3.1&A.3.2)	P
4.3.7	Stuffing Materials	NA
4.3.8	DEHP (DOP)	NA
4.4	Electrical/thermal energy	NA
4.5	Sound producing toys	NA
4.6	Small objects	P
4.7	Accessible edges	P
4.8	Projections	NA
4.9	Accessible points	P
4.10	Wires or rods	NA
4.11	Nails and fasteners	P
4.12	Packaging film	NA
4.13	Folding mechanisms and hinges	NA
4.14	Cords and elastics in toys	P
4.15	Stability and over-load requirements	NA
4.16	Confined spaces	NA
4.17	Wheels, tires, and axles	NA
4.18	Holes, clearance, and accessibility of mechanisms	NA
4.19	Simulated protective devices	NA
4.20	Pacifiers	NA
4.21	Projectile toys	NA
4.22	Teethers and teething toys	NA
4.23	Rattles	NA
4.24	Squeeze toys	NA
4.25	Battery-operated toys	NA



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4.26	Toys intended to be attached to a crib or playpen	NA
4.27	Stuffed and beanbag-type toys	NA
4.28	Stroller 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
4.33	Marbles	NA
4.34	Balls	P
4.35	Pompoms	NA
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	Labeling requirements	P
5.1	Federal Government Requirements	NA
5.2	Age Grading Labeling	P
5.3	Safety Labeling Requirements	P
5.3&5.4	Aquatic Toys	NA
5.5&5.3	Crib and Playpen Toys	NA
5.6&5.3	Mobiles	NA
5.7&5.3	Stroller & Carriage Toys	NA
5.8&5.3	Toys Intended to be Assembled by an Adult	NA
5.9&5.3	Simulated Protective Devices	NA
5.10&5.3	Toys with Functional SE or SP (> 4yrs)	NA
5.11	Small Objects, Small Balls, Marbles and Balloons	NA
5.12	Toy Caps (16CFR1500.86)	NA
5.13	Art Materials (16CFR1500.14)(b)(8)	NA
5.15	Battery-Operated Toys (exclude 5.15.1&5.15.2)	NA
5.15.1&5.3	Battery-Powered Ride-on Toys	NA
5.15.2&5.3	Button Or Coin Cell Batteries	NA
5.16	Promotional Materials	NA
5.17&5.3	Magnets Magnetic/electrical experimental sets (> 8yrs)	NA
6	Instructional literature	
6.1	Definition & Description	NA
6.2	Crib & Playpen Toys	NA
6.3	Mobiles	NA



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6.4	Toys Intended to be Assembled by an Adult	NA
6.5.1-2	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	Producer's Name and Address	P
7.2	Battery-Powered Ride-on Toys	NA
7.3	Toy Chests	NA

**Remark:**

- P = Pass; NA = Not Applicable; F=Fail

## 2. ASTM F963-17 and ASTM F963-23 FLAMMABILITY REQUIREMENTS - AS PER ASTM STANDARD ON SAFETY OF TOYS F963-17 ANNEX A5:

Requirement: Burning rates should not exceed 0.1 inch per second along the major axis.

Results: The sample was tested to be not ignited.

## 3. Soluble Migrated Elements [ASTM F963-17 and ASTM F963-23 Section 4.3.5.2 (2)& 8.3]

Test Method: ASTM F963-17 Section 8.3

Elements	Requirement (Max.), mg/kg	Sample, mg/kg				
		001	002	003	004	005
*Sample weight (g)		--	--	--	--	--
Antimony (Sb)	60	<5.0	<5.0	<5.0	<5.0	<5.0
Arsenic (As)	25	<5.0	<5.0	<5.0	<5.0	<5.0
Barium (Ba)	1000	<5.0	<5.0	<5.0	<5.0	12
Cadmium (Cd)	75	<2.0	<2.0	<2.0	<2.0	<2.0
Chromium (Cr)	60	<2.0	<2.0	<2.0	<2.0	<2.0
Lead (Pb)	90	<2.0	<2.0	<2.0	<2.0	9
Mercury (Hg)	60	<2.0	<2.0	<2.0	<2.0	<2.0
Selenium (Se)	500	<5.0	<5.0	<5.0	<5.0	<5.0
<b>Rating</b>		PASS	PASS	PASS	PASS	PASS

**Remark:**

-All concentrations expressed in milligrams per kilogram and unadjusted unless otherwise stated

-“<” means less than

-Method for determination of each soluble element present: Antimony(Sb), Arsenic(As), Barium(Ba), Cadmium(Cd), Chromium(Cr), Lead(Pb), Mercury(Hg) and Selenium(Se) are determined by Inductively Coupled Plasma Spectroscopy.

-\*Sample weight between 0.01g - 0.1g should be reported in according to ASTM F963-17

-\*\* Test specimen less than 10 mg is not required to test soluble migrated elements according to ASTM F963-17 Section 8.3.3.6 (2).

-The customer selects the testing site, and the chemical testing conclusion only applies to the selected part.



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#### 4. Total Lead Content In Substrates [ASTM F963-17 and ASTM F963-23 Section 4.3.5.2 (2)(a)]

Test Method: CPSC-CH-E1001-08.3 (Metal Substrates) / CPSC-CH-E1002-08.3 Section IA & IIA (Non-Metal Substrates)

Elements	Requirement (Max.), mg/kg	Reporting Limit, mg/kg	Sample, mg/kg	
			001+002+003	004
Lead (Pb)	90	5	<5	<5
<b>Rating</b>			PASS	PASS
<i>Remark:</i> -All concentrations expressed in milligrams per kilogram of Tested Parts -“<” means less than -Method for determination of Lead (Pb) is determined by Inductively Coupled Plasma Spectroscopy. -The customer selects the testing site, and the chemical testing conclusion only applies to the selected part.				

#### 5. Total Lead Content In Paints And Surface Coatings [ASTM F963-17 and ASTM F963-23 Section 4.3.5.1(1)]

Test Method: CPSC-CH-E1003-09.1 (Paints and Surface Coatings)

Elements	Requirement (Max.)	Reporting Limit	Sample, mg/kg
			005
Lead (Pb)	90	10	15
<b>Rating</b>			PASS
<i>Remark:</i> -All concentrations expressed in milligrams per kilogram of Tested Parts -“<” means less than -Method for determination of Lead (Pb) is determined by Inductively Coupled Plasma Spectroscopy. -The customer selects the testing site, and the chemical testing conclusion only applies to the selected part.			

#### Test Material(s) List:

- (001) Yellow plastic
- (002) Green plastic
- (003) Blue plastic
- (004) White plastic
- (005) Red coating



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\*\*\*\*\* End of Report \*\*\*\*\*



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