

Test Report

Number: SHAH01884270

Applicant: GUTIAN COUNTY MORIXU INDUSTRY AND TRADE
CO., LTD.
NO. 10, HANTOULING, SOUTH SIZHI ROAD,
614 ROAD, CHENGXI STREET

Date: 04 Dec, 2025

Attn: ANDERSON

Sample Description:

One (1) group of submitted sample said to be :

Item Name : Kids Playhouse
Item No. : WPH1800,345-039V00BK
Toy or not : No
Children's products : Yes
Children's care products : No
Quantity : 1
Labelled Age Group : 3-8
Packaging Provided By Applicant : Yes
Buyer : AOSOM
Goods Exported To : USA
Country Of Origin : China

Tests Conducted:

As requested by the applicant, for details refer to attached page(s).

To be continued

Authorized By:
Intertek Testing Services Ltd. Zhejiang



Bobo Yao
Assistant General Manager



Test Report

Number: SHAH01884270

Conclusion:

<u>Tested Components</u>	<u>Standard</u>	<u>Result</u>
Tested Components of Submitted Sample	U.S. ASTM F963-23 Section 4.3.5.1 on Total Lead Content in Surface Coating	Pass
Tested Components of Submitted Sample	U.S. ASTM F963-23 Section 4.3.5.2 on Total Lead Content in Substrate	Pass
Tested Components of Submitted Sample	U.S. ASTM F963-23 Section 4.3.5.1 on Soluble Elements Content in Surface Coating	Pass
Tested Components of Submitted Sample	ASTM F963-23 Section 4.3.8 on Phthalates Content	Pass
Tested Components of Submitted Sample	US Consumer Product Safety Improvement Act 2008 Title I, Sec 108(a) & (b)(3) and US 16 CFR Part 1307 for Prohibition of Children's Toys and Child Care Articles Containing Specified Phthalates	Pass
tested component(s) of submitted sample(s)	U.S. Consumer Product Safety Improvement Act 2008 title I, section 101 for total Lead content in surface coating	Pass
tested component(s) of submitted sample(s)	U.S. Consumer Product Safety Improvement Act 2008 title I, section 101 for total Lead content in non-surface coating materials (substrate)	Pass
Submitted Sample	U.S. ASTM F963-23 Flammability Test of Materials other than Textile Materials	Pass
Submitted Sample	U.S. ASTM F963-23 Physical and Mechanical Tests.	Pass
Submitted sample	ASTM F2613-22 Standard Consumer Safety Specification for Children's Chairs and Stools	Pass

To be continued

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Test Report

Number: SHAH01884270

Tests Conducted

1.U.S. ASTM F963-23 Section 4.3.5.1 on Total Lead Content in Surface Coating

As per section 4.3.5 of the ASTM standard consumer safety specification on toy safety F963-23, test method CPSC-CH-E1003-09.1 was/were used and total Lead content was determined by Inductively Coupled Argon Plasma Spectrometry.

Test Item	Result in ppm		Reporting Limit (ppm)	Limit (ppm)
	(1+2)	(3)		
Lead(Pb)	ND	ND	20	90

Remark: ppm = parts per million = mg/kg
ND= Not detected (Less than reporting limit)

Tested Components: See component list in the last section of this report.

Date Sample Received: Oct 23, 2025
Testing Period: Oct 23, 2025 to Dec 02, 2025

2.U.S. ASTM F963-23 Section 4.3.5.2 on Total Lead Content in Substrate

As per section 4.3.5 of the ASTM standard consumer safety specification on toy safety F963-23, test method CPSC-CH-E1001-08.3 or/and CPSC-CH-E1002-08.3, was/were used and total Lead content was determined by Inductively Coupled Argon Plasma Spectrometry.

Test Item	Result in ppm		Reporting Limit (ppm)	Limit (ppm)
	(4+5+6)	(7+8+9)		
Lead(Pb)	ND	ND	20	100

Remark: ppm = parts per million = mg/kg
ND= Not detected (Less than reporting limit)

Tested Components: See component list in the last section of this report.

Date Sample Received: Oct 23, 2025
Testing Period: Oct 23, 2025 to Dec 02, 2025



Test Report

Number: SHAH01884270

Tests Conducted

3.U.S. ASTM F963-23 Section 4.3.5.1 on Soluble Elements Content

As per Section 4.3.5 and Section 8.3.2 to 8.3.5 of the ASTM Standard Consumer Safety Specification on Toy Safety F963-23, heavy elements migration content were determined by Inductively Coupled Plasma - Optical Emission Spectrometry.

Test Item	Result (mg/kg)			Reporting Limit (mg/kg)	Limit (mg/kg)
	(1)	(2)	(3)		
Sol. Barium (Ba)	ND	ND#	33#	5	1000
Sol. Lead (Pb)	ND	ND	ND	5	90
Sol. Cadmium (Cd)	ND	ND	ND	5	75
Sol. Antimony (Sb)	ND	ND	ND	5	60
Sol. Selenium (Se)	ND	ND	ND	5	500
Sol. Chromium (Cr)	ND	ND	ND	5	60
Sol. Mercury (Hg)	ND	ND	ND	5	60
Sol. Arsenic (As)	ND	ND	ND	2.5	25

Remark: Sol. = Soluble

ND= Not detected (Less than reporting limit)

= The analytical results were adjusted by subtracting analytical correction factor.

Tested components: See component list in the last section of this report.

Date Sample Received: Oct 23, 2025

Testing Period: Oct 23, 2025 to Dec 02, 2025

4.ASTM F963-23 Section 4.3.8 on Phthalates Content

With reference to CPSC-CH-C1001-09.4, by Gas Chromatographic-Mass Spectrometric (GC-MS) analysis.

Test Item	Result (%)		Detection Limit (%)	Limit (%) (Max.)
	(1+2)	(3)		
Dibutyl phthalate (DBP)	ND	ND	0.01	0.1
Di-(2-ethylhexyl) phthalate (DEHP)	ND	ND	0.01	0.1
Benzyl butyl phthalate (BBP)	ND	ND	0.01	0.1
Diisononyl phthalate (DINP)	ND	ND	0.01	0.1
Diisobutyl phthalate (DIBP)	ND	ND	0.01	0.1
Di-n-pentyl phthalate (DPENP)	ND	ND	0.01	0.1
Di-n-hexyl phthalate (DHEXP)	ND	ND	0.01	0.1
Dicyclohexyl phthalate (DCHP)	ND	ND	0.01	0.1

Remark: ND = Not Detected(Less than detection limit)

Tested Components: See component list in the last section of this report.

Date Sample Received: Oct 23, 2025

Testing Period: Oct 23, 2025 to Dec 03, 2025



Test Report

Number: SHAH01884270

Tests Conducted

5. Phthalate Content

With reference to CPSC-CH-C1001-09.4, by Gas Chromatographic-Mass Spectrometric (GC-MS) analysis.

<u>Test item</u>	<u>Result (%)</u>		<u>Limit (%) (Max.)</u>
	(1+2)	(3)	
Dibutyl phthalate (DBP)	ND	ND	0.1
Di-(2-ethylhexyl) phthalate (DEHP)	ND	ND	0.1
Benzyl butyl phthalate (BBP)	ND	ND	0.1
Diisononyl phthalate (DINP)	ND	ND	0.1
Diisobutyl phthalate (DIBP)	ND	ND	0.1
Di-n-pentyl phthalate (DPENP)	ND	ND	0.1
Di-n-hexyl phthalate (DHEXP)	ND	ND	0.1
Dicyclohexyl phthalate (DCHP)	ND	ND	0.1

The above limit was quoted according to 16 CFR part 1307 approved by U.S. Consumer Product Safety Commission (CPSC) for prohibition of children's toys and child care articles containing specified phthalates.

Remark: ND = Not Detected
Detection Limit = 0.01%

Tested Component(s): See component list in the last section of this report.

Date Sample Received: Oct 23, 2025
Testing Period: Oct 23, 2025 to Dec 03, 2025

6. Total Lead (Pb) Content in Surface Coating

As per standard operating procedure for determining Lead (Pb) in paint and other similar surface coatings (April 26, 2009), test method CPSC-CH-E1003-09.1 was used and total Lead content was determined by Inductively Coupled Argon Plasma Spectrometry.

<u>Tested Component</u>	<u>Result (ppm)</u>	<u>Limit (ppm)</u>
(1+2)	ND	90
(3)	ND	90

The limit was quoted according to U.S. Consumer Product Safety Improvement Act 2008 title I, section 101 for total Lead content in surface coating.

Remark: ppm = Parts per million = mg/kg
Detection Limit = 20 mg/kg
ND=Not Detected

Tested Components: See component list in the last section of this report.

Date Sample Received: Oct 23, 2025
Testing Period: Oct 23, 2025 to Dec 02, 2025



Test Report

Number: SHAH01884270

Tests Conducted

7.Total Lead (Pb) Content In Non-Surface Coating Materials (Substrate)

As per standard operating procedures for determining total Lead (Pb) in children's products, test method(s) CPSC-CH-E1002-08.3 and/or CPSC-CH-E1001-08.3 was/were used and total Lead content was determined by Inductively Coupled Argon Plasma Spectrometry.

<u>Tested Component</u>	<u>Result (ppm)</u>	<u>Limit (ppm)</u>
(4+5+6)	ND	100
(7+8+9)	ND	100

The limit was quoted according to U.S. Consumer Product Safety Improvement Act 2008 title I, section 101 for total Lead content in non-surface coating materials (substrate).

Remark: ppm = Parts per million = mg/kg

Detection Limit = 20 mg/kg

ND=Not Detected

Tested Components: See component list in the last section of this report.

Date Sample Received: Oct 23, 2025

Testing Period: Oct 23, 2025 to Dec 02, 2025

8.Flammability Test

Test requirement: Section 4.2 of the ASTM Standard Consumer Safety Specification on Toy Safety F963-23, the sample was tested according to Annex A5 Flammability Testing Procedure for Solids and Soft Toys.

Result = Ignited but self-extinguished before burn rate could be determined.

Date Sample Received: Oct 23, 2025

Testing Period: Oct 23, 2025 to Nov 18, 2025



Test Report

Number: SHAH01884270

Tests Conducted

9. Physical and Mechanical Tests

Test standard: ASTM Standard Consumer Safety Specification for Toy Safety F963-23.

Applicant's specified age group for testing: For ages from 3 to 8 years

The submitted samples were undergone the use and abuse tests in accordance with The Federal Hazardous Substances Act (FHSA), Title 16, Code of Federal Regulations:

<u>Test</u>	<u>FHSA</u>	<u>Parameter</u>
Tip over test	---	3 times
Torque test	Section 1500.53(e)	4 in-lbf
Tension test	Section 1500.53(f)	15 lbf
Compression test	Section 1500.53(g)	30 lbf

The submitted samples were undergone the tests in accordance with section 8.5 through section 8.16 and 8.20 through 8.30 on normal use, abuse and specific tests for different types of toys whichever is applicable.

Section	Requirement	Result
4.1	Material quality (Visual check on cleanliness)	P
4.3.7	Stuffing materials	NA
4.5	Sound-producing toys	NA
4.6.1	Toys intended for children under 36 months (Small objects)	NA
4.6.2	Mouth-actuated toys	NA
4.6.3	Toys and games for children at least 36 months but less than 72 months (Small part warning)	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	Plastic film	NA
4.13	Folding mechanisms and hinges	P
4.14	Cords, straps, and elastics	NA
4.15	Stability and over-load requirements	P
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 (such as helmets, hats and goggles)	NA
4.20	Pacifiers	NA



Test Report

Number: SHAH01884270

Tests Conducted

Section	Requirement	Result
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
4.26	Toys intended to be attached to a crib or playpen	NA
4.27	Stuffed and beanbag-type toys	NA
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
4.33	Marbles	NA
4.34	Balls	NA
4.35	Pompoms	NA
4.36	Hemispheric-shaped objects	NA
4.37	Yoyo 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	Labelling requirement	P
6	Instructional literature	P
7	Producer's markings	
7.1	Name of producer/distributor	Yes
	Address	Yes
7.3	Toy chests	
7.3.1	Name and address of manufacturer/distributor/seller	NA
7.3.2	Code mark	NA

Abbreviation: P = Pass NA= Not Applicable

Date Sample Received: Oct 23, 2025

Testing Period: Oct 23, 2025 to Nov 18, 2025



Test Report

Number: SHAH01884270

Tests Conducted

10.CHILDREN'S CHAIRS AND STOOLS

With reference to ASTM F2613-22 Standard Consumer Safety Specification for Children's Chairs and Stools, the submitted samples was subjected to the following tests:

Number of Sample Tested: one (1) Piece

Initial inspection: No any damage was found

Executive Summary:

Clause	Test items	Verdict
5	General requirements	-
5.1	Wood parts	P
5.2	Sharp points and edges	P
5.3	Small parts	P
5.4	Surface coating	P
5.5	Flammable solids	P
5.6	Toy accessories	NA
5.7	Scissoring, shearing, and pinching	P
5.8	Product that folds	NA
5.8.1	Latching and Locking Mechanisms	NA
5.8.2	Product without Latching and Locking Mechanisms	NA
5.9	Circular holes in rigid materials	NA
5.10	Labeling	P
5.11	Protective components	NA
5.12	Strength Requirements	P(See note #1)
5.13	Stability	P
5.14	Head Entrapment	NA
6	Test Methods	-
7	Marking and Labeling	P

Abbreviation: P=Pass NA=Not Applicable

Note:

#1 As client's requirement, the related tests were conducted as 3+ age grading in this report.

Date Sample Received: Oct 23, 2025

Testing Period: Oct 23, 2025 to Nov 18, 2025



Test Report

Number: SHAH01884270

Tests Conducted

Components List:

- (1) Black coating on wood
- (2) Orange coating on wood
- (3) Black coating on metal
- (4) Silvery metal small screw
- (5) Silvery metal bolt
- (6) Silvery metal acorn nut
- (7) Coppery metal screw
- (8) Silvery metal screw
- (9) Silvery metal without coating (hinge)



Picture 1: Submitted sample

End Of Report

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