

Test Report

Number: SHAH01879282

Applicant: LIYOU INDUSTRIAL CO., LTD
YANGWAN INDUSTRIAL ZONE QIAOXIA TOWN
YONGJIA COUNTY,ZHEJIANG,CHINA
Attn: PAN HUI QIAN

Date: 10 Nov, 2025

Sample Description:

One (1) set of submitted sample said to be :
Item Name : **Kids Balance Board.**
Item No. : **LY-2417.**
Quantity : 1 Set.
Labelled Age Group : 3 Years+.
Packaging Provided By Applicant : Yes (Artwork).
Country Of Origin : China.

Tests Conducted:

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

Conclusion:

<u>Tested Samples</u>	<u>Standard</u>	<u>Result</u>
Submitted Sample	ASTM F963-23 Standard Consumer Safety Specification for Toy Safety	Pass
	U.S. ASTM F963-23 Flammability Test of Materials other than Textile Materials	Pass
	Canada Consumer Product Safety Act Toys Regulations SOR/2011-17 with amendments SOR/2016-195, SOR/2016-302, SOR/2018-138 and SOR/2024-217 - Mechanical and Physical test	Pass
	Canada Consumer Product Safety Act Toys Regulations SOR/2011-17 with amendments SOR/2016-195, SOR/2016-302, SOR/2018-138 and SOR/2024-217 - Cellulose Nitrate and Celluloid	Pass
	Canada Consumer Product Safety Act Toys Regulations SOR/2011-17 with Amendments SOR/2016-195, SOR/2016-302 and SOR/2018-138 Section 32 / 33 / 34 for Flammability Test	Not Applicable
	Consumer Product Safety Act section 14(a)(5) tracking labels for Children Products	Pass

To be continued

Authorized By:
Intertek Testing Services Ltd .Zhejiang, Ningbo Branch



Bobo Yao
Assistant General Manager



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Tests Conducted

1 Standard Consumer Safety Specification for Toy Safety

As Specified in ASTM F963 Standard Consumer Safety Specification for Toy Safety

Applicant's Specified Age Group For Testing: For ages from 3 to 10 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>
Impact Test	Section 1500.53(b)	4 x 3.0 ft
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.

Sections Relevant to the item :

<u>Section</u>	<u>Testing Items</u>	<u>Assessment</u>
4.1	Material Quality (Visual Check on Cleanliness)	P
4.2	Flammability Test	P See Test Result #1
4.3	Toxicology	
4.3.2	Manufacturing and Packaging of Food	NA
4.3.3	Indirect Food Additives	NA
4.3.4	Cosmetics	NA
4.3.5	Heavy Elements	
	4.3.5.1 Heavy Elements in Paint/Similar Surface Coating Materials	NC
	4.3.5.2 Heavy Metal in Substrate Materials	NC
4.3.6	Cosmetic, Liquids, Pastes, Putties, Gels, Powders and Item of Avian Feather Origin	NA
4.3.7	Stuffing Materials	NA
4.3.8	Phthalates	NC
4.4	Electrical/Thermal Energy	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 36 Months to 72 Months (Small Part Warning)	NA
4.7	Accessible Edges	P
4.8	Projections	NA
4.9	Accessible Points	P



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Section	Testing Items	Assessment
4.10	Wires Or Rods	NA
4.11	Nails And Fasteners	NA
4.12	Plastic Film	NA
4.13.1	Folding Mechanisms	NA
4.13.2	Hinge-line Clearance	NA
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	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
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	
5.1.1	Specific Labeling Requirement Remark: All toys that fall within the definitions and requirements of the U.S FHSA shall conform to the labeling requirement of that act. For specific requirements, reference 16 CFR 1500.3, 1500.14, 1500.19, 1500.82,1500.83, 1500.86, 1500.121, 1500.122, 1500.123, 1500.125, 1500.126,1500.127, 1500.128, 1500.130, 1505.3, and 1511.7. In addition, state-labeling requirements may exist.	See Remark
5.1.2	Tracking label on product and packaging	P
5.2	Age Grading Labeling	P



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Section	Testing Items	Assessment
5.3	Safety Labeling Requirements	NA
5.4	Aquatic Toys	NA
5.5	Crib & Playpen Toys	NA
5.6	Mobile	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 and Sharp Points	NA
5.11	Small Objects, Small Balls, Marbles, and Balloons	NA
5.12	Art Materials	NA
5.13	Electric Toys	NA
5.14	Battery-operated Toys	NA
5.15	Promotional Materials	P
5.16	Magnets	NA
6	Instructional Literature	
6.2	Crib & 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
6.9	The instructional material for toys which require a manufacturer-supplied specialty or custom tool to access the battery(ies).	NA
7.1	Producer's Markings - Name Of Producer/Distributor (Toy/Package) - Address (Toy/Package)	Yes Yes
7.2	Battery-powered Ride-on Toys	NA
7.3	Toy Chests - Name of Manufacturer/Distributor/Seller (Toy) - Address (City, State and Zip Code) of Manufacturer/Distributor/Seller (Toy) - Date Code (Toy and Package/Shipping Container)	NA
8.5	Normal Use Testing	P
8.7	Impact Test	P
8.8	Torque Test	P
8.9	Tension Test	P
8.10	Compression Test	P
8.12	Flexure Test	NA
8.16	Tension Test for Pompoms	NA
8.25	Magnet Test	NA

Remark: P = Pass

NA = Not applicable

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Artwork of packaging was provided for testing.

Date Sample Received: 13 Oct, 2025 & 06 Nov, 2025

Testing Period: 13 Oct, 2025 To 06 Nov, 2025

#1 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: 13 Oct, 2025 & 06 Nov, 2025

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Tests Conducted

2 Physical and Mechanical Test

Test Standard: Canada Consumer Product Safety Act Toys Regulations SOR/2011-17 with amendments SOR/2016-195, SOR/2016-302, SOR/2018-138 and SOR/2024-217.

Applicant's specified age group for testing: For ages from 3 to 10 years

The submitted samples were undergone the use and abuse tests in accordance with Canada Consumer Product Safety Act Toys Regulations SOR/2011-17 with amendments SOR/2016-195, SOR/2016-302, SOR/2018-138 and SOR/2024-217.	
<u>Test</u>	<u>Parameter</u>
Drop test	4 x (0.909±0.005) m
Pull test	42.5±2 N
Push test	42.5±2 N

No.	Testing Items	Assessment
3	General - English and French bilingual statement	NA
4	Packaging	
	(a) The opening perimeter is less than 14 inches	NA
	(b) The opening perimeter is more than 14 inches	NA
	<u>Electrical hazard</u>	
5	Electrically operated toys	NA
6	Electrically heated toys	NA
	<u>Mechanical hazard</u>	
7	Small parts	NA
8	Metal edges	NA
9	Wire frames	NA
10	Plastic edges	P
11	Wooden surfaces, edges and corners	NA
12	Glass	NA
13	Fasteners	NA
14	Folding mechanism, bracket or bracing	NA
15	Spring-wound driving mechanisms	NA
16	Projectile components	NA
17	Toys which a child can enter and which can be closed by a lid or door	NA
18	Stationary toy that is intended to bear the weight of a child	P#1
	<u>Auditory hazards</u>	
19	Noise limit	NA
	<u>Thermal hazards</u>	
20	Heated surfaces, parts or substances	NA
	<u>Dolls, plush toys and soft toys</u>	
28	Fastenings to attach parts, clothing or ornamentation	NA
29	Stuffing materials	
	(a) Clean and free from vermin	NA
	(b) Free from hard and sharp foreign matter	NA
30	Small parts -Squeaker, reed, valve or other similar device	NA



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No.	Testing Items	Assessment
31	Eyes and noses	NA
	<u>Plant seeds</u>	
35	Plant seeds for making noise	NA
36	Plant seeds for stuffing material	NA
37	Shaft-like handle	NA
38	Toy steam engines boilers	NA
39	Finger paints	NA
40	Rattle	NA
41	Elastics	NA
42	Yo-yo type balls	
	(a) Stretchable cords	NA
	(b) Similar product	NA
	<u>Magnetic Toys</u>	
43	Magnetic force	NA
44	(1) Exceptions of 44 (1)(a)	NA
	Exceptions of 44 (1)(b)	NA
	(2) Warning – Container and instructions or use for 44 (1)(b)	NA
	<u>Toys intended to be entered by a child</u>	
45	Exception	NA
46	Requirements and Testing	NA
47	Warning	NA

Remark: P = Pass

NA = Not Applicable

#1 = The samples were tested for stability and overloading according to ISO 8124-1 section 5.12.1 to 5.12.5.

Date Sample Received: 13 Oct, 2025 & 06 Nov, 2025

Testing Period: 13 Oct, 2025 To 06 Nov, 2025

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3 Cellulose Nitrate and Celluloid

Test Standard: Canada Consumer Product Safety Act Toys Regulations SOR/2011-17 with amendments SOR/2016-195, SOR/2016-302, SOR/2018-138 and SOR/2024-217

	<u>Assessment</u>	<u>Requirement</u>
Cellulose Nitrate/Celluloid	Absent	Absent

Date Sample Received: 13 Oct, 2025 & 06 Nov, 2025

Testing Period: 13 Oct, 2025 To 06 Nov, 2025

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4 Flammability Test

As per Canada Consumer Product Safety Act Toys Regulations SOR/2011-17 with amendments SOR/2016-195, SOR/2016-302, SOR/2018-138 and SOR/2024-217 Section 32 / 33 / 34.

As per Canada Consumer Product Safety Act Toys Regulations SOR/2011-17 with Amendments SOR/2016-195, SOR/2016-302 and SOR/2018-138 Section 32 / 33 / 34.

The flammability test was not applicable to the submitted sample.

Date Sample Received: 13 Oct, 2025

Testing Period: 13 Oct, 2025 To 16 Oct, 2025

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5 Tracking Label Assessment

As per Consumer Product Safety Act Section 14(a)(5) (CPSA, 15 U.S.C. §2063(a)(5)) tracking labels for children products

Tracking Label Found on the Packaging:

Liyou Industrial Co.,Ltd
Chengye Road,Yangwan Industry Zone,Qiaoxia,Wenzhou,Zhejiang,China
2025/10/05

Tracking Label Found on the Product:

Liyou Industrial Co.,Ltd
Chengye Road,Yangwan Industry Zone,Qiaoxia,Wenzhou,Zhejiang,China
2025/10/05

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

Date Sample Received: 13 Oct, 2025

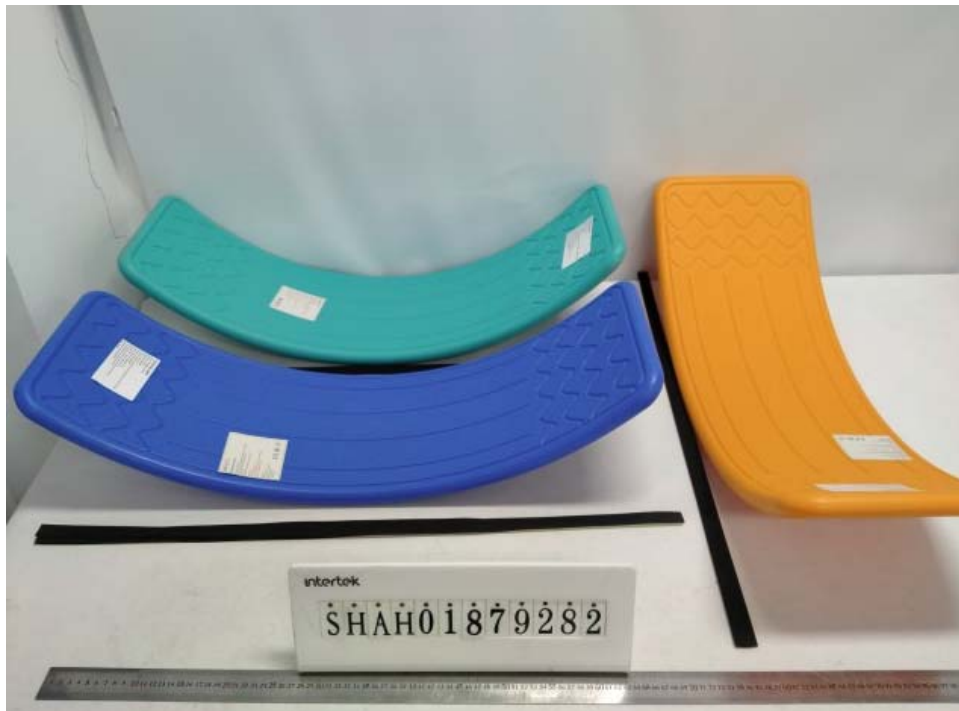
Testing Period: 13 Oct, 2025 To 16 Oct, 2025

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End of report

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