



HUAY TESTING

# Test Report

Report No.: HY250206230192-2

Date: July 01, 2025

Page 1 of 10

Applicant : Zhejiang Yourun Toys Co., LTD  
Address : Unit 2, Building 25, Area B, Xinhui Industrial Park, Hexin Rd, Yunhe County,  
Lishui City, Zhejiang Province, China

## Report on the submitted sample(s) said to be:

Sample Name : Montessori Busy Board  
Model : YR-0233 YR-0234 YR-2530-6 YR-0059 YR-2530 YR-0224 YR-0232  
Model : YR-0231  
Manufacturer : Zhejiang Yourun Toys Co., LTD  
Address : Unit 2, Building 25, Area B, Xinhui Industrial Park, Hexin Rd, Yunhe County,  
Lishui City, Zhejiang Province, China  
Tested Age Grade : Over 3 years  
Labeled Age Grading : 3+  
Appropriate Age Grade : Over 3 years  
Sample receiving state : June 23, 2025  
Sample Received Date : June 23, 2025 to June 26, 2025  
Test Requested : Please refer to next page(s).

## Test Requested:

- As specified by client, European Standard on Safety of Toys:
  - EN 71-1:2014+A1:2018 - Mechanical and Physical Properties
  - EN 71-2:2020 - Flammability
  - EN 71-3:2019+A2:2024- Migration of Certain Elements

## Conclusion

Pass  
Pass  
Pass

Approved by: \_\_\_\_\_

Lab Manager

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HUAY TESTING

# Test Report

Report No.: HY250206230192-2

Date: July 01, 2025

Page 2 of 10

## Information of the Test Laboratory

SHENZHEN HUAY TESTING CO., LTD.

Add.: 406 BUILDING 1, AI DIGITAL VALLEY, TAOYUAN COMMUNITY, DALANG STREET,  
LONGHUA DISTRICT SHENZHEN, GUANGDONG, 518000, CHINA

Testing Laboratory Authorization:

INTERNATIONAL ACCREDITATION SERVICE Authorization Number: TL-1325

CMA Certificate Number is 202519000067.

CPSC Certification Number is 1879.

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# Test Report

Report No.: HY250206230192-2

Date: July 01, 2025

Page 3 of 10

## Test Result:

### 1. European Standard on Safety of Toys - EN71-1:2014+A1:2018 Mechanical and physical properties

Section	Description	Result
<b>4 General Requirements</b>		
4.1	Material	Pass
4.2	Assembly	Pass
4.3	Flexible plastic sheeting	NA
4.4	Toy bags	NA
4.5	Glass	NA
4.6	Expanding materials	NA
4.7	Edges	Pass
4.8	Points and metallic wires	Pass
4.9	Protruding parts	NA
4.10	Parts moving against each other	Pass
4.11	Mouth-actuated toys and other toys intended to be put in the mouth	Pass
4.12	Balloons	NA
4.13	Cords of toy kites and other flying toys	NA
4.14	Enclosures	NA
4.15	Toys intended to bear the mass of a child	NA
4.16	Heavy immobile toys	NA
4.17	Projectiles	NA
4.18	Aquatic toys and inflatable toys	NA
4.19	Percussion caps specifically designed for use in toys and toys using percussion caps	NA
4.20	Acoustics	NA
4.21	Toys containing a non-electrical heat source	NA
4.22	Small balls	Pass
4.23	Magnets	Pass
4.24	Yo-yo balls	NA
4.25	Toys attached to food	NA
4.26	Toys Disguise Costumes	NA
4.27	Flying toys	NA

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# Test Report

Section	Description	Result
<b>5 Toys intended for children under 36 months</b>		
5.1	General requirements	NA
5.1a	Small part requirement on toys & removable Components (Test method 8.2)	NA
5.1b	Torque test (Test method 8.3)	NA
	Tension test (Test method 8.4)	NA
	Drop test (Test method 8.5)	NA
	Tip over test (Test method 8.6)	NA
	Impact test (Test method 8.7)	NA
	Compression test (Test method 8.8)	NA
	Sharp edge (Test method 8.11)	NA
	Sharp point (Test method 8.12)	NA
	Flexure Test(Test method 8.13)	NA
5.1c	Tension test for magnet (Test method 8.34)	NA
5.1c	Potential hazardous metal points and wires with a cross section of 2mm or less	NA
5.1d	Large and bulky toys	NA
5.1e	Glued wooden toys and toys with glued on plastic decals	NA
5.1f	The casing of toys intended for children too young to sit up unaided	NA
5.1g	Foam toys and toys containing accessible foam components	NA
5.2	Soft-filled toys and soft-filled parts of a toy	NA
5.3	Plastic sheeting	NA
5.4	Cords, chains and electrical cables in toys	NA
5.5	Liquid-filled toys	NA
5.6	Speed limitation of electrically-driven ride-on toys	NA
5.7	Glass and porcelain	NA
5.8	Shape and size of certain toys	NA
5.9	Toys comprising monofilament fibres	NA
5.10	Small balls	NA
5.11	Play figures	NA
5.12	Hemispheric-shaped toys	NA
5.13	Suction cups	NA
5.14	Straps intended to be worn fully or partially around the neck	NA
5.15	Sledges with cords for pulling	NA

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# Test Report

Section	Description	Result
<b>6 Packaging</b>		NA
<b>7 Warnings, markings and instructions for use</b>		
7	CE Mark	Pass
7	Manufacturer name and address	Pass
7	Importer name and address	NA
7	Product Identification	Pass
7.1	General	Pass
7.2	Toys not intended for children under 36 months	Pass
7.3	Latex balloons	NA
7.4	Aquatic toys	NA
7.5	Functional toys	Pass
7.6	Hazardous sharp functional edges and points	NA
7.7	Projectiles	NA
7.8	Imitation protective masks and helmets	NA
7.9	Toy kites	NA
7.10	Roller skates, inline skates, skateboards and certain other ride-on toys	NA
7.11	Toys intended to be strung across a cradle, cot, or perambulator	NA
7.12	Liquid-filled teethers	NA
7.13	Percussion caps specifically designed for use in toys	NA
7.14	Acoustics	NA
7.15	Toy bicycles	NA
7.16	Toys intended to bear the mass of a child	NA
7.17	Toys comprising monofilament fibres	NA
7.18	Toy scooters	NA
7.19	Rocking horses and similar toys	NA
7.20	Magnetic/electrical experimental sets	NA
7.21	Toys with electrical cables exceeding 300 mm in length	NA
7.22	Toys with cords or chains intended for children of 18 months and over but under 36 months	NA
7.23	Toys intended to be attached to a cradle , cot or perambulator	NA
7.24	Sledges with cords for pulling	NA
7.25	Flying toys	NA
7.26	Improvised projectiles	NA

Note:

NA = Not Applicable

NE = Not Evaluated

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# Test Report

Report No.: HY250206230192-2

Date: July 01, 2025

Page 6 of 10

## - EN 71-2:2020-Flammability

Section	Description	Result
4	Requirements	
4.1	General	Pass
4.2	Toys to be worn on the head	NA
4.3	Toy disguise costumes and toys intended to be worn by a child in play	NA
4.4	Toys intended to be entered by a child	NA
4.5	Soft-filled toys (animals and dolls etc.) with a piled or textile surface	NA

Note:

NA = Not Applicable

In accordance with the EN71-2, the burning rate should not be greater than 30mm per second.

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# Test Report

Report No.: HY250206230192-2

Date: July 01, 2025

Page 7 of 10

## - EN 71-3:2019+A2:2024 - Migration of Certain Elements

Test Methods: with reference to EN 71-3:2019+A2:2024, metal elements analysis is performed by Inductively Coupled Argon Plasma Spectrometer (ICP-OES)/ Inductively Coupled Plasma Mass Spectrometer (ICP-MS) , organic tins analysis is performed by Gas Chromatography- (GC/MS) Mass Spectrometer and Cr (III) and Cr(VI) analysis is performed by Ion Chromatograph-Inductively Coupled Plasma Mass Spectrometer (IC-ICP-MS)

Test Item	Unit	MDL	Test result			Limit
			1	2	3	
Soluble Aluminium (Al)	mg/kg	50	N.D.	N.D.	N.D.	See the next remarks
Soluble Antimony (Sb)	mg/kg	2.0	N.D.	N.D.	N.D.	
Soluble Arsenic (As)	mg/kg	0.5	N.D.	N.D.	N.D.	
Soluble Barium (Ba)	mg/kg	50	N.D.	N.D.	N.D.	
Soluble Boron (B)	mg/kg	50	N.D.	N.D.	N.D.	
Soluble Cadmium (Cd)	mg/kg	0.3	N.D.	N.D.	N.D.	
Soluble Chromium III (Cr(III))	mg/kg	0.2	N.D.	N.D.	N.D.	
Soluble Chromium VI (Cr(VI))	mg/kg	0.005	N.D.	N.D.	N.D.	
Soluble Cobalt (Co)	mg/kg	2.5	N.D.	N.D.	N.D.	
Soluble Copper (Cu)	mg/kg	50	N.D.	N.D.	N.D.	
Soluble Lead (Pb)	mg/kg	0.25	N.D.	N.D.	N.D.	
Soluble Manganese (Mn)	mg/kg	50	N.D.	N.D.	N.D.	
Soluble Mercury (Hg)	mg/kg	1.0	N.D.	N.D.	N.D.	
Soluble Nickel (Ni)	mg/kg	10	N.D.	N.D.	N.D.	
Selenium (Se)	mg/kg	5	N.D.	N.D.	N.D.	
Soluble Strontium (Sr)	mg/kg	50	N.D.	N.D.	N.D.	
Soluble Tin (Sn)	mg/kg	2.5	N.D.	N.D.	N.D.	
Soluble Organic Tin	mg/kg	5	N.D.	N.D.	N.D.	
Soluble Zinc (Zn)	mg/kg	50	N.D.	N.D.	N.D.	
<b>Category</b>			<b>Category III</b>			/
<b>Conclusion</b>			<b>Pass</b>	<b>Pass</b>	<b>Pass</b>	/

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# Test Report

Report No.: HY250206230192-2

Date: July 01, 2025

Page 8 of 10

**Remark:**

-Permissible Limit for Different Materials

Unit: (mg/kg)

Item	Category I In dry, brittle, powder-like or pliable toy material	Category II In liquid or sticky toy material	Category III In scraped-off toy material
Soluble Aluminium (Al)	2250	560	28130
Soluble Antimony (Sb)	45	11.3	560
Soluble Arsenic (As)	3.8	0.9	47
Soluble Barium (Ba)	1500	375	18750
Soluble Boron (B)	1200	300	15000
Soluble Cadmium (Cd)	1.3	0.3	17
Soluble Chromium III (Cr(III))	37.5	9.4	460
Soluble Chromium VI (Cr(VI))	0.02	0.005	0.053
Soluble Cobalt (Co)	10.5	2.6	130
Soluble Copper (Cu)	622.5	156	7700
Soluble Lead (Pb)	2.0	0.5	23
Soluble Manganese (Mn)	1200	300	15000
Soluble Mercury (Hg)	7.5	1.9	94
Soluble Nickel (Ni)	75	18.8	930
Selenium (Se)	37.5	9.4	460
Soluble Strontium (Sr)	4500	1125	56000
Soluble Tin (Sn)	15000	3750	180000
Soluble Organic Tin	0.9	0.2	12
Soluble Zinc (Zn)	3750	938	46000

**Remark:**

mg/kg = milligram per kilogram / mg/kg = ppm

% = percentage / 1mg/kg=0.0001%

N.D.= Not Detected (less than method detection limit)

MDL=Method Detection Limit.

The result of Soluble Organic Tin is determined based on the result of Soluble Tin.

The selection of test portions is strongly recommended by the client and the conclusion of chemical test is only for the selected portion.

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# Test Report

Report No.: HY250206230192-2

Date: July 01, 2025

Page 9 of 10

## Test Point Description

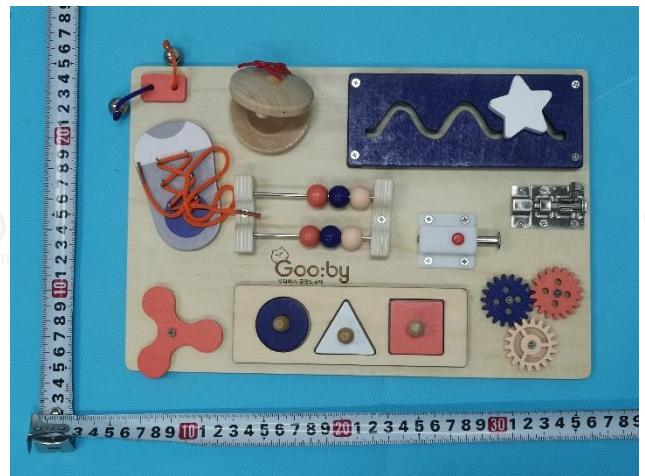
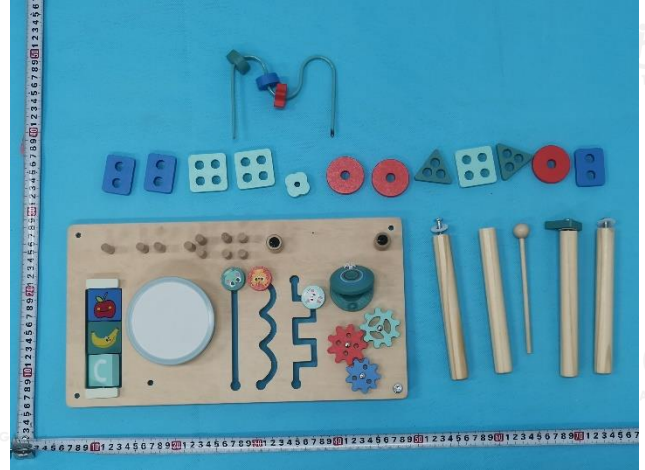
Test point	Test point description
1	Wood substrate - base plate
2	White plastic - switch
3	Black plastic - buckle

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## \*\* Modified History \*\*

Report No.	Description	Issued Data	Remark
HY250206230192-2	Initial Test Report Release	July 01, 2025	Bay Liu

## The photo of the sample



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# Test Report

Report No.: HY250206230192-2

Date: July 01, 2025

Page 10 of 10



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- 1: The samples and sample information are provided by the applicant. The applicant is responsible for their authenticity. HUAY has not verified their authenticity.
- 2: The test results of this report are only valid for the tested samples.
- 3: Without the consent of HUAY, no part of this report may be reproduced in any form.

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