



TEST REPORT

Report No.: AZT250306019C-E0

Date of issue: March 11, 2025

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Applicant : Yunhe County Aijia'er Infant and Child Products Co., Ltd.
Address : B14-2 Xinhui Industrial Park, Yunhe County, Lishui City, Zhejiang Province China
Manufacturer : Yunhe County Aijia'er Infant and Child Products Co., Ltd.
Address : B14-2 Xinhui Industrial Park, Yunhe County, Lishui City, Zhejiang Province China

Report on the submitted samples said to be:

Sample Name : Wooden music set
Sample Description : Wooden
Model No. : AJE-0043
Lot No. : 20250201
Labeled Age Grading : 0 to 3 years old
Requested Age Grading : 0 to 3 years old
Age Group Applied in Testing : For all ages
Date of Sample Received : March 06, 2025
Testing Period : March 06, 2025 ~ March 11, 2025
Results : Please refer to next page(s).

TEST REQUEST

CONCLUSION

A In accordance with the requirements of Europe toy safety Directive 2009/48/EC, to perform the related testing:

1) EN 71-1:2014+A1:2018-Mechanical and Physical Properties	Pass
2) EN 71-2:2020-Flammability	Pass
3) EN 71-3:2019+A1:2021-Migration of Certain Elements	Pass

B Phthalates Content - The Entries 51& 52 in Annex XVII of the REACH Regulation (EC) No.1907/2006 **Pass**

Signed for and on behalf of AZT

Jack Zhong



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Tested part(s):

- 01 Wooden substrate
- 02 White coating

Results:

A.1. EN 71-1:2014+A1:2018 - Mechanical and Physical Properties

<u>Section</u>	<u>Description</u>	<u>Result</u>
4	General requirement	---
4.1	Material cleanliness (by visual assessment)	Pass
4.2	Assembly	N/A
4.3	Flexible plastics sheeting	N/A
4.4	Toy bags	N/A
4.5	Glass	N/A
4.6	Expanding materials	N/A
4.7	Edges	Pass
4.8	Points and metallic wires	Pass
4.9	Protruding parts	N/A
4.10	Parts moving against each other	---
4.10.1	Folding and sliding mechanisms	N/A
4.10.2	Driving mechanisms	N/A
4.10.3	Hinges	N/A
4.10.4	Springs	N/A
4.11	Mouth-actuated toys and other toys intended to be put in the mouth	N/A
4.12	Balloons	N/A
4.13	Cords of toy kites and other flying toys	N/A
4.14	Enclosures	---
4.14.1	Toys which a child can enter	N/A
4.14.2	Masks and helmets	N/A
4.15	Toys intended to bear the mass of a child	---
4.15.1	Toys propelled by the child or by other means	N/A
4.15.2	Toy bicycles	N/A
4.15.3	Rocking horses and similar toys	N/A
4.15.4	Toys not propelled by a child	N/A
4.15.5	Toy scooters.	N/A
4.16	Heavy immobile toys	N/A
4.17	Projectiles	---



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<u>Section</u>	<u>Description</u>	<u>Result</u>
4.17.1	General	N/A
4.17.2	All projectiles	N/A
4.17.3	Projectile toys with stored energy	N/A
4.17.4	Certain projectile toys without stored energy	N/A
4.18	Aquatic toys and inflatable toys	N/A
4.19	Percussion caps specifically designed for use in toys and toys using percussion caps	N/A
4.20	Acoustics	Pass
4.21	Toys containing a non-electrical heat source	N/A
4.22	Small balls	N/A
4.23	Magnets	---
4.23.1	General	N/A
4.23.2	Toys other than magnetic/electrical experimental sets intended for children over 8 years	N/A
4.23.3	Magnetic/electrical experimental sets intended for children over 8 years	N/A
4.24	Yo-yo balls	N/A
4.25	Toys attached to food	N/A
4.26	Toy disguise costumes	N/A
4.27	Flying toys	---
4.27.1	General	N/A
4.27.2	Rotors and propellers on flying toys	N/A
4.27.3	Rotors and propellers on remote controlled flying toys	N/A
5	Toys intended for children under 36 months.	Pass
5.1	General requirements	Pass
5.1a	Small part requirement on toys & removable components	Pass
5.1b	Abuse test (see test method 8)	Pass
5.1c	Potential hazardous metal points and wires with a cross section of 2mm or less	N/A
5.1d	Large and bulky toys	N/A
5.1e	Glued wooden toys and toys with glued-on plastic decals	N/A
5.1f	The casing of toys intended for children too young to sit up unaided	N/A
5.1g	Foam toys and toys containing accessible foam	N/A
5.2	Soft-filled toys and soft-filled parts of a toy	N/A
5.3	Plastic sheeting	N/A
5.4	Cords, chains and electrical cables in toys	---
5.4.1	General	N/A
5.4.2	Cords and chains in toys intended for children under 18 months	N/A
5.4.3	Cords and chains in toys intended for children of 18 months or over but under 36 months	N/A



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Section	Description	Result
5.4.4	Fixed loops, tangled loops and nooses	N/A
5.4.5	Cords and chains on pull along toys	N/A
5.4.6	Electrical cable	N/A
5.4.7	Cross-sectional dimension of certain cords	N/A
5.4.8	Self-retracting cords	N/A
5.4.9	Toys attached to or intended to be strung across a cradle, cot or perambulator	N/A
5.5	Liquid-filled toys	N/A
5.6	Speed limitation of electrically-driven ride-on toys	N/A
5.7	Glass and porcelain	N/A
5.8	Shape and size of certain toys	N/A
5.9	Toys comprising monofilament fibres	N/A
5.10	Small balls	N/A
5.11	Play figures	N/A
5.12	Hemispheric-shaped toys	N/A
5.13	Suction cups	N/A
5.14	Straps intended to be worn fully or partially around the neck	N/A
5.15	Sledge with cords for pulling	N/A
6	Packaging	N/A
7	Warnings, markings and instructions for use	Pass
7.1	General	N/A
7.2	Toys not intended for children under 36 months	N/A
7.3	Latex Balloons	N/A
7.4	Aquatic toys	N/A
7.5	Functional Toys	N/A
7.6	Hazardous sharp functional edges and points	N/A
7.7	Projectile toys	N/A
7.8	Imitation protective masks and helmets	N/A
7.9	Toy kites	N/A
7.10	Roller skates, inline skates, skateboards and certain other ride-on toys	---
7.10.1	Roller skates, inline skates and skateboards	N/A
7.10.2	Ride-on toys without a braking device	N/A
7.10.3	Electrically-driven ride-on toys	N/A
7.10.4	Instructions for use	N/A
7.11	Toys otherwise intended to be strung across a cradle, cot, or perambulator	N/A
7.12	Liquid-filled teethingers	N/A



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Section	Description	Result
7.13	Percussion caps specifically designed for use in toys	N/A
7.14	Acoustics	N/A
7.15	Toy bicycle	N/A
7.16	Toys intended to bear the mass of child	N/A
7.17	Toys comprising monofilament fibres	N/A
7.18	Toy scooters	N/A
7.19	Rocking horses and similar toys	N/A
7.20	Magnetic/electrical experimental sets	N/A
7.21	Toys with electrical cables exceeding 300 mm in length	N/A
7.22	Toys with cords or chains intended for children of 18 months and over but under 36 months	N/A
7.23	Toys intended to be attached to a cradle, cot or perambulator	N/A
7.24	Sledge with cords for pulling	N/A
7.25	Flying toys	---
7.25.1	Flying toys	N/A
7.25.2	Remote controlled flying toys	N/A
7.26	Improvised projectiles	N/A
8	Test Methods	---
8.3	Torque Test	Pass
8.4	Tension Test	Pass
8.5	Drop Test	Pass
8.6	Tip over Test	N/A
8.7	Impact Test	Pass
8.8	Compression Test	N/A
8.9	Soaking Test	N/A
8.13	Flexure Test	N/A
8.34	Tension test for magnets	N/A

Note:

- N/A =Not Application
- N/C=Not Conducted as per client's request



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A.2. EN 71-2:2020- Flammability of Toys

Clause	Description	Result
4	Requirements	--
4.1	General	Pass
4.2	Toys to be worn on the head	N/A
4.3	Toys disguise costumes and toys intended to be worn by a child in play	N/A
4.4	Toys intended to be entered by a child	N/A
4.5	Soft filled toys	N/A

Note:

- N/A =Not Application



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A.3. EN 71-3:2019+A1:2021-Migration of Certain Elements

Category III: Scraped-off materials

Test method: With reference to EN 71-3:2019+A1:2021. Analysis was performed by Inductively Coupled Plasma-Optical Emission Spectrometer (ICP-OES) & Inductively Coupled Plasma Mass Spectrometer (ICP-MS) & Gas Chromatograph-Mass Spectrometer (GC-MS).

Test Item(s)	Unit	Results		MDL	Permissible Limit
		01	02		
Soluble Aluminum (Al)	mg/kg	N.D.	88	10	See Annex
Soluble Antimony (Sb)	mg/kg	N.D.	N.D.	1	
Soluble Arsenic (As)	mg/kg	N.D.	N.D.	0.1	
Soluble Barium (Ba)	mg/kg	N.D.	412	10	
Soluble Boron (B)	mg/kg	N.D.	N.D.	10	
Soluble Cadmium (Cd)	mg/kg	N.D.	N.D.	1	
Soluble Chromium III (Cr(III))	mg/kg	N.D.	N.D.	1	
Soluble Chromium VI (Cr(VI))	mg/kg	N.D.	N.D.	0.001	
Soluble Cobalt (Co)	mg/kg	N.D.	N.D.	1	
Soluble Copper (Cu)	mg/kg	N.D.	N.D.	1	
Soluble Lead (Pb)	mg/kg	N.D.	N.D.	1	
Soluble Manganese (Mn)	mg/kg	N.D.	17	10	
Soluble Mercury (Hg)	mg/kg	N.D.	N.D.	1	
Soluble Nickel (Ni)	mg/kg	N.D.	7	1	
Soluble Selenium (Se)	mg/kg	N.D.	N.D.	1	
Soluble Strontium (Sr)	mg/kg	N.D.	50	10	
Soluble Tin (Sn)	mg/kg	N.D.	N.D.	5	
Soluble Organic Tin	mg/kg	N.D.	N.D.	0.1	
Soluble Zinc (Zn)	mg/kg	N.D.	48	10	
Conclusion	-	Pass	Pass	-	-

Note:

- Soluble Chromium III (Cr(III))= Soluble Total Chromium- Soluble Chromium VI (Cr(VI))
- Confirmation test of Soluble Organic Tin is not required in case of soluble tin, after conversion, does not exceed the soluble organic tin requirement as specified in EN 71-3:2019+A1:2021.



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Annex

Soluble Element	Limit (mg/kg)		
	Category I	Category II	Category III
	Dry, brittle, powder-like or pliable toy material	Liquid or sticky toy material	Scraped-off toy material
Soluble Aluminum (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
Soluble 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

Note:

- N.D. = Not Detected or less than MDL
- MDL = Method Detection Limit
- 0.1% = 1000mg/kg, mg/kg = ppm



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B. Phthalates Content - The Entries 51& 52 in Annex XVII of the REACH Regulation (EC) No.1907/2006

Test method: With reference to EN 14372:2004, analysis was performed by Gas Chromatograph-Mass Spectrometer (GC-MS).

Test Item	CAS No.	Unit	Results		MDL	Limit
			01	02		
Di-(2-ethylhexyl) phthalate (DEHP)	117-81-7	%(w/w)	N.D.	N.D.	0.005	--
Di-butyl phthalate (DBP)	84-74-2	%(w/w)	N.D.	N.D.	0.005	--
Butyl benzyl phthalate (BBP)	85-68-7	%(w/w)	N.D.	N.D.	0.005	--
Di-isobutyl phthalate(DIBP)	84-69-5	%(w/w)	N.D.	N.D.	0.005	--
Total(DEHP+ DBP+ BBP+ DIBP)	--	%(w/w)	N.D.	N.D.	--	0.1
Di-isononyl phthalate (DINP)	28553-12-0 68515-48-0	%(w/w)	N.D.	N.D.	0.010	--
Di-iso-decyl phthalate (DIDP)	26761-40-0 68515-49-1	%(w/w)	N.D.	N.D.	0.010	--
Di-n-octyl phthalate (DNOP)	117-84-0	%(w/w)	N.D.	N.D.	0.005	--
Total(DINP+DIDP+ DNOP)	--	%(w/w)	N.D.	N.D.	--	0.1
Conclusion	--	--	Pass	Pass	--	--

Note:

- N.D. = Not Detected or less than MDL
- MDL = Method Detection Limit
- 0.1% = 1000mg/kg, mg/kg = ppm

Remark:

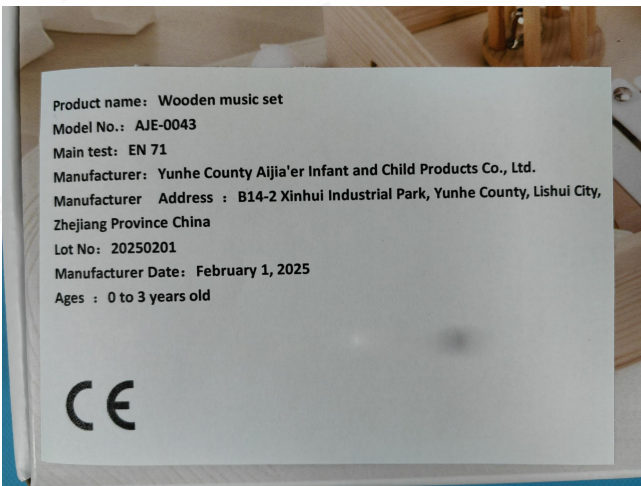
- Tested part(s) was/were specified by client
- Composite testing(s) was/were specified by client
- Photo appendix is included.



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The photo of the sample



AZT authenticate the photo on original report only

Statement:

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2. The copy of the test report is invalid if the "special seal for testing" or "Special Seal for testing" or the official seal of the testing unit is not re-stamped.
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*** End of Report ***

