

Test Report

Number: SZHH01895312

Applicant: DONGGUAN CITY BABY FURNITURE CO.,LTD
DANGKENG ROAD, SHANGTUN NO.3
INDUSTRIAL AREA, LIAOBU TOWN,
DONGGUAN CITY, CHINA

Date: Mar 22, 2024

Attn: Camille

Sample Description:

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

Item Name : Kids Sofa
Item No. : 310-080V00BU(SF-1327-L-KD)
310-080V00PK(SF-1327-L-KD)
310-076V00PK(SF-1327-KD)

Labelled Age Group : 18m+
Applicant Specified Age : Over 18 months
Grading for Testing :
Packaging Provided by Applicant : Yes
Manufacturer : Dongguan City Baby Furniture Co.,Ltd
Country of Origin : China
Date Sample Received : Mar 04, 2024
Testing Period : Mar 04, 2024 ~ Mar 22, 2024

SZHH01895312



310-080V00BU(SF-1327-L-KD)



Tests conducted:

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



Page 1 of 14

Test Report

Number: SZHH01895312

Conclusion:

Tested samples
Submitted samples

<u>Standard</u>	<u>Result</u>
Consumer product safety improvement act (CPSIA) 2008 section 103 tracking labels for children product	Pass
15 U.S.C. §2063(a)(5) (CPSA)	Pass
Consumer Product Safety Act Section 14(a) (5)	Pass
<u>Requirement</u>	
U.S. ASTM F963-23 Flammability test of materials other than textile materials	Pass #
<u>Standard</u>	
U.S. ASTM F963-23 Physical and mechanical tests	Pass #
<u>Requirement</u>	
U.S. CFR Title 16 (CPSC Regulations) Mechanical and physical test	Pass
U.S. CFR Title 16 (CPSC Regulations) Part 1500.3(c)(6)(vi) flammability test on rigid and pliable solids	Pass
<u>Standard/Testing Item</u>	
U.S. ASTM F963-23 on Phthalate content	Pass#
U.S. 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#
U.S. ASTM F963-23 on soluble heavy elements test	Pass#
U.S. ASTM F963-23 on total Lead content in surface coating	Pass#
U.S. ASTM F963-23 on total Lead content in non-surface coating	Pass#
U.S. CFR Title 16 Part 1303 total Lead content	Pass

Tested component(s) of submitted samples



Test Report

Number: SZHH01895312

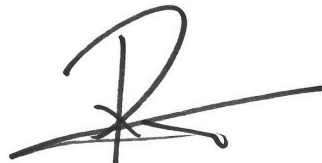
<u>Tested Sample</u>	<u>Standard/Testing Item</u>	<u>Result</u>
Tested component(s) of submitted samples	U.S. Consumer Product Safety Improvement Act 2008 Title I, Section 101 for total Lead content in surface coating	Pass
	U.S. Consumer Product Safety Improvement Act 2008 Title I, Section 101 for Total Lead content in Non-surface coating materials (substrate)	Pass
	Illinois Lead Poisoning Prevention Act 410 ILCS 45 on total Lead content requirement / Illinois Lead Poisoning Prevention Act 410 ILCS 45 (Public Act 97-612) on warning statement requirement for specified products	Pass

Remarks:

= The submitted samples were not subjected to the scope of the standard. The tests performed as per the application's request.

As requested by the applicant, test was conducted only on component(s) listed in this report.

Authorized by:
For Intertek Testing Services
Shenzhen Ltd.



Rachel L. Guo
General Manager



Page 3 of 14



Test Report

Number: SZHH01895312

Tests Conducted

1 Tracking Label Assessment

As per consumer product safety Act section 14(a) (5), 15 U.S.C. §2063(a)(5) (CPSA) and Consumer Product Safety Improvement Act (CPSIA) 2008 Section 103 Tracking Labels for Children Products.

Tracking label found on the package:

Name of manufacturer:	Aosom LLC
Location of production	Ningbo City, Zhejiang Province, China
Date code	02.2024 24R1337

Tracking label found on the product:

Name of manufacturer:	Aosom LLC
Location of production	Ningbo City, Zhejiang Province, China
Date code	02.2024 24R1337

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.



Test Report

Number: SZHH01895312

Tests Conducted

2 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.

3 Physical and Mechanical Tests

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

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:

Test	FHSA	Parameter
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 (10X magnification check on contaminations)	P
4.5	Sound-producing toys	NA
4.6.1	Toys intended for children under 36 months (small objects)	P
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)	NA
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	NA
4.12	Plastic film	P
4.13	Folding mechanisms and hinges	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 (such as helmets, hats and goggles)	NA



Test Report

Number: SZHH01895312

Tests Conducted

Section	Requirement	Result
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	P
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 and Address of producer/distributor	Yes
7.2	Battery-Powered Ride-on Toy	NA
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



Test Report

Number: SZHH01895312

Tests Conducted

4 Physical and Mechanical Test

Test requirement: U.S. Code of Federal Regulations Title 16 Part 1500.50, the hazards of sharp points, sharp edge and small parts are assessed both before and after applicable use and abuse tests.

	No. of Sample Tested	Sharp Point (1500.48)	Sharp Edge (1500.49)	Small Part (1501)
As received	1	P	NA	P
Impact (1500.53(b))	1	P	NA	P
Flexure (1500.53(d))	0	NA	NA	NA
Torque (1500.53(e))	1	P	NA	P
Tension (1500.53(f))	1	P	NA	P
Compression (1500.53(g))	1	P	NA	P

Abbreviation: P = Pass NA = Not Applicable

5 Flammability Test

Test requirement: U.S. Code of Federal Regulations Title 16 Part 1500.44 for rigid and pliable solids.

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



Test Report

Number: SZHH01895312

Tests Conducted

6 Phthalate Content (U.S. ASTM F963-23)

As per Section 4.3.8 of the ASTM Standard Consumer Safety Specification on Toy Safety F963-23, test method CPSC-CH-C1001-09.4 was used and followed by Gas Chromatographic-Mass Spectrometric (GC-MS) analysis.

Test Item	CAS No.	Result					Units	D.L.	Limit
		1	2+3	4+5	-	-			
Dibutyl phthalate (DBP)	84-74-2	ND	ND	ND	-	-	%	0.01	0.1
Di-(2-ethylhexyl) phthalate (DEHP)	117-81-7	ND	ND	ND	-	-	%	0.01	0.1
Benzyl butyl phthalate (BBP)	85-68-7	ND	ND	ND	-	-	%	0.01	0.1
Di-isononyl phthalate (DINP)	28553-12-0 68515-48-0	ND	ND	ND	-	-	%	0.01	0.1
Di-isobutyl phthalate (DIBP)	84-69-5	ND	ND	ND	-	-	%	0.01	0.1
Di-n-pentyl phthalate (DPENP)	131-18-0	ND	ND	ND	-	-	%	0.01	0.1
Di-n-hexyl phthalate (DnHP/DHEXP)	84-75-3	ND	ND	ND	-	-	%	0.01	0.1
Di-cyclohexyl phthalate (DCHP)	84-61-7	ND	ND	ND	-	-	%	0.01	0.1

Remarks:

D.L. = Detection Limit

ND = Not Detected

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



Page 8 of 14



Test Report

Number: SZHH01895312

Tests Conducted

7 Phthalate Content (U.S. 16 CFR Part 1307)

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

Test Item	CAS No.	Result					Units	D.L.	Limit
		1	2+3	4+5	-	-			
Dibutyl phthalate (DBP)	84-74-2	ND	ND	ND	-	-	%	0.01	0.1
Di-(2-ethylhexyl) phthalate (DEHP)	117-81-7	ND	ND	ND	-	-	%	0.01	0.1
Benzyl butyl phthalate (BBP)	85-68-7	ND	ND	ND	-	-	%	0.01	0.1
Di-isononyl phthalate (DINP)	28553-12-0 68515-48-0	ND	ND	ND	-	-	%	0.01	0.1
Di-isobutyl phthalate (DIBP)	84-69-5	ND	ND	ND	-	-	%	0.01	0.1
Di-n-pentyl phthalate (DPENP)	131-18-0	ND	ND	ND	-	-	%	0.01	0.1
Di-n-hexyl phthalate (DnHP/DHEXP)	84-75-3	ND	ND	ND	-	-	%	0.01	0.1
Di-cyclohexyl phthalate (DCHP)	84-61-7	ND	ND	ND	-	-	%	0.01	0.1

Remarks:

D.L. = Detection Limit

ND = Not detected

The above limit was quoted according to US 16 CFR Part 1307 for Prohibition of Children's Toys and Child Care Articles Containing Specified Phthalates.

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



Test Report

Number: SZHH01895312

Tests Conducted

8 Heavy Elements Analysis (U.S. ASTM F963-23)

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 Argon Plasma Spectrometry.

Non-modelling clay

Test Item	Result					Units	D.L.	Limit
	1	2	3	4	5			
Barium (Ba)	ND	ND	ND	ND	ND	mg/kg	5	1000
Lead (Pb)	ND	ND	ND	ND	ND	mg/kg	5	90
Cadmium (Cd)	ND	ND	ND	ND	ND	mg/kg	5	75
Antimony (Sb)	ND	ND	ND	ND	ND	mg/kg	5	60
Selenium (Se)	ND	ND	ND	ND	ND	mg/kg	5	500
Chromium (Cr)	ND	ND	ND	ND	ND	mg/kg	5	60
Mercury (Hg)	ND	ND	ND	ND	ND	mg/kg	5	60
Arsenic (As)	ND	ND	ND	ND	ND	mg/kg	2.5	25
Test Item	Result					Units	D.L.	Limit
	6	7	8	9	10			
Barium (Ba)	ND	ND	ND	ND	ND	mg/kg	5	1000
Lead (Pb)	ND	ND	ND	ND	ND	mg/kg	5	90
Cadmium (Cd)	ND	ND	ND	ND	ND	mg/kg	5	75
Antimony (Sb)	ND	ND	ND	ND	ND	mg/kg	5	60
Selenium (Se)	ND	ND	ND	ND	ND	mg/kg	5	500
Chromium (Cr)	ND	ND	ND	ND	ND	mg/kg	5	60
Mercury (Hg)	ND	ND	ND	ND	ND	mg/kg	5	60
Arsenic (As)	ND	ND	ND	ND	ND	mg/kg	2.5	25

Remarks:

D.L. = Detection Limit

ND = Not Detected

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

Additional acid was required to lower the pH for component(s) (9).



Test Report

Number: SZHH01895312

Tests Conducted

9 Total Lead (Pb) Content in Surface Coating (U.S. ASTM F963-23)

With reference to Section 4.3.5 of the ASTM Standard Consumer Safety Specification on Toy Safety F963-23, test method CPSC-CH-E1003-09.1 was used and total Lead content was determined by Inductively Coupled Plasma - Optical Emission Spectrometry.

Test Item	Result					Units	D.L.	Limit
	1	-	-	-	-			
Lead (Pb)	ND	-	-	-	-	mg/kg	10	90

Remarks:

D.L. = Detection Limit

ND = Not detected

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

10 Total Lead (Pb) Content in Non-Surface Coating (U.S. ASTM F963-23)

With reference to 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 were used and total Lead content was determined by Inductively Coupled Plasma - Optical Emission Spectrometry and/or Atomic Absorption Spectrometry.

Test Item	Result					Units	D.L.	Limit
	2+3	4+5	-	-	-			
Lead (Pb)	ND	ND	-	-	-	mg/kg	10	100

Remarks:

D.L. = Detection Limit

ND = Not Detected

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



Test Report

Number: SZHH01895312

Tests Conducted

11 Total Lead (Pb) Content (U.S. 16 CFR Part 1303)

As per Standard Operating Procedure for Determining Lead (Pb) in paint and other similar surface coatings, test method CPSC-CH-E1003-09.1 was used and total Lead content was determined by Inductively Coupled Plasma - Optical Emission Spectrometry.

Test Item	Result					Units	D.L.	Limit
	1	-	-	-	-			
Lead (Pb)	ND	-	-	-	-	%	0.001	0.009

Remarks:

D.L. = Detection Limit

ND = Not detected

The above limit was quoted according to U.S. CFR Title 16 Part 1303 for Ban of Lead-containing Paint and Certain Consumer Products Bearing Lead-containing Paint.

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

12 Total Lead (Pb) Content in Surface Coating (U.S. 16 CFR Part 1303 and CPSIA Section 101)

As per Standard Operating Procedure for Determining Lead (Pb) in paint and other similar surface coatings, test method CPSC-CH-E1003-09.1 was used and total Lead content was determined by Inductively Coupled Plasma - Optical Emission Spectrometry.

Test Item	Result					Units	D.L.	Limit
	1	-	-	-	-			
Lead (Pb)	ND	-	-	-	-	mg/kg	10	90

Remarks:

D.L. = Detection Limit

The above limit was quoted according to U.S. CFR Title 16 Part 1303 and U.S. Consumer Product Safety Improvement Act 2008 Title I, Section 101 for total Lead content in surface coating.

ND = Not detected

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



Test Report

Number: SZHH01895312

Tests Conducted

13 Total Lead (Pb) Content in Non-Surface Coating Materials (Substrate) (U.S. CPSIA Section 101)

As per Standard Operating Procedures for Determining total Lead (Pb) in children's products, test methods CPSC-CH-E1002-08.3 and/or CPSC-CH-E1001-08.3 were used and total Lead content was determined by Inductively Coupled Plasma - Optical Emission Spectrometry and/or Atomic Absorption Spectrometry.

Test Item	Result					Units	D.L.	Limit
	2+3	4+5	-	-	-			
Lead (Pb)	ND	ND	-	-	-	mg/kg	10	100

Remarks:

D.L. = Detection Limit

The above 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.

ND = Not detected

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

14 Total Lead (Pb) Content (U.S. Illinois Lead Poisoning Prevention Act 410 ILCS 45)

As per Illinois Lead Poisoning Prevention Act 410 ILCS 45, with reference to CPSC-CH-E1002-08.3 and/or CPSC-CH-E1001.08.3 and/or CPSC-CH-E1003-09.1 and followed by Inductively Coupled Argon Plasma Spectrometry and/or Atomic Absorption Spectrometry.

Other children product/without warning statement

Test Item	Result					Units	D.L.	Limits	
	1	2+3	4+5	-	-			Warning Statement Limit	Limit
Lead (Pb)	ND	-	-	-	-	mg/kg	10	--	90
Lead (Pb)	-	ND	ND	-	-	mg/kg	10	--	100

Remarks:

D.L. = Detection Limit

ND = Not detected

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



Test Report

Number: SZHH01895312

Tests Conducted

Component List

No.	Test Component Description(s)
(1)	Coatings (black, grey) on woven (sewn-in label)
(2)	White plastic (zipper teeth)
(3)	White velcro hook (fastener)
(4)	Grey/yellow/white plush with blue printing (cover)
(5)	White plush with pink printing (part)
(6)	Light pink terry (part).
(7)	White fabric (zipper tape of all styles)
(8)	White velcro loop (fastener)
(9)	White woven (sewn-in label)
(10)	White ribbon (binding),

REFERENCES SAMPLE PHOTO



310-080V00PK(SF-1327-L-KD)



310-076V00PK(SF-1327-KD)

End of report

The statements of conformity reported have considered the decision rule agreed, namely that Intertek have taken account of measurement uncertainty as calculated by Intertek, and applied according to ILAC-G8/09:2019-(Non-binary acceptance based on guard band $w = U$) except designation from the customer, regulation or test specification. This decision rule only applies to the numeric test results. Full details of our agreed decision rules and the associated risk can be viewed: <https://www.intertek.com.cn/diypage/upload/SZ-AP15-HLS-QA.pdf>.

The sample(s) and sample information hereto are provided by the client who shall be solely responsible for the authenticity and integrity thereof. The results shown in this report relate only to the sample(s) received and tested. It is not intended to be a recommendation for any particular course of action. Intertek does not accept a duty of care or any other responsibility to any person other than the Client in respect of this report and only accepts liability to the Client insofar as is expressly contained in the terms and conditions governing Intertek's provision of services to you. Intertek makes no warranties or representations either express or implied with respect to this report save as provided for in those terms and conditions. We have aimed to conduct the review on a diligent and careful basis and we do not accept any liability to you for any loss arising out of or in connection with this report, in contract, tort, by statute or otherwise, except in the event of our gross negligence or wilful misconduct. This report shall not be reproduced unless with prior written approval from Intertek.



Page 14 of 14

