TEST REPORT

APPLICANT : Dongguan City Baby Furniture Co., Ltd.

ADDRESS : Dangkeng Road, Shangtun No.3 Industrial Area, Liaobu Town, Dongguan City, China

SAMPLE DESCRIPTION : Kids sofa

ITEM NO. : HW65604（SF-327-L）、HW61181(SF-327) 、HW65434（SF-327）、 HW65602（SF-327）、HW65603(SF-327)、 HW65437(SF-327)、HW65438(SF-327)、 HW65436(SF-327)、HW65435（SF-327）

AGE REQUESTED ON APPLICATION FORM : 0+

LABELED AGE GRADE : 0+

AGE GRADE APPLIED IN TESTING : Over 0 Years

SAMPLE RECEIVED DATE : 21-Apr-2020

TURN AROUND TIME : 21-Apr-2020 to 28-Apr-2020

The following test item(s) was/were performed on selected sample(s) and/or component(s) confirmed by applicant

TEST REQUESTED	TEST METHOD/REGULATION	RESULT
Mechanical and Physical Properties	ASTM F963-17	Pass
Flammability of Toys	ASTM F963-17	Pass
Heavy Metals	ASTM F963-17	Pass
Total Lead Content in Substrate	US CPSIA, Section 101	Pass
Phthalates Content	US CPSIA, Section 108	Pass
Phthalates Content	CPSC 16 CFR part 1307	Pass

Samples are obtained by express delivery, Results obtained refer only to samples, products or material received in Laboratory, as described in point related to sample description, and tested in conditions shown in present report. Eurofins Product Testing Service (Shanghai) Co., Ltd ensures that this job has been performed according to our Quality System and complying contract and legal conditions. If you happen to have any comments, please do it by sending email to info.sh@eurofins.com and referring to this report number. Reproduction of this document is only valid if it is done completely and under the written permission of Eurofins Product Testing Service (Shanghai) Co., Ltd. If you happen to have any complaints, please do it by sending email to chinacomplaint@eurofins.com and referring to this report number.

********** FOR FURTHER DETAILS, PLEASE REFER TO THE FOLLOWING PAGE(S) **********

Signed for and on behalf of
Eurofins Product Testing Service (Shanghai) Co., Ltd

_____
Joyce Liu
Lab Manager

TEST SAMPLE PHOTO(S)

A:HW65604(SF-327-L)

B: HW61181(SF-327)

C: HW65434(SF-327)

D: HW65602(SF-327)

E: HW65603(SF-327)

F: HW65437(SF-327)

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TO BE CONTINUED

TEST SAMPLE PHOTO(S)

G: HW65438(SF-327)

H: HW65436(SF-327)

I: HW65435(SF-327)

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TO BE CONTINUED

REFERENCE SAMPLE PHOTO(S)

The reference sample(s) has not been tested in current report, but according to customer´s request, the picture has also been included. For sample tested in current report, please refer to “Test sample photo”.

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TO BE CONTINUED

REFERENCE SAMPLE PHOTO(S)

The reference sample(s) has not been tested in current report, but according to customer´s request, the picture has also been included. For sample tested in current report, please refer to “Test sample photo”.

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TO BE CONTINUED

COMPONENT LIST

Component No.	Component	Sample No.
1	Beige foam (inside)	A C
2	Natural color wood (inside)	A C
3	Multi-color short plush fabric (body)	I
4	Multi-color short plush fabric (body)	B
5	Multi-color short plush fabric (body)	E
6	Multi-color short plush fabric (body)	G
7	Multi-color short plush fabric (body)	F
8	Multi-color short plush fabric (body)	D
9	Multi-color short plush fabric (body)	H
10	Multi-color short plush fabric (body)	A
11	Multi-color short plush fabric (body)	C
12	Black fabric (bottom)	A C

TO BE CONTINUED

TEST RESULT

Mechanical and Physical Properties

Test Request: As specified in Consumer Safety Specification ASTM F963-17

Section	Description	Result
4.1	Material Quality	P
4.3.7	Stuffing Materials	P
4.5	Sound-Producing Toys	N/A
4.6	Small Objects	P
4.6.1	Toys that are intended for children under 36 months of age	P
4.6.2	Mouth-Actuated Toys	N/A
4.6.3	Toys that are intended for children over 36 months but less than 72 months	N/A
4.7	Accessible Edges	P
4.8	Projections	N/A
4.8.1	Bath Toy Projections	N/A
4.9	Accessible Points	P
4.10	Wires or Rods	N/A
4.11	Nails and Fasteners	P
4.12	Plastic Film	N/A
4.13	Folding Mechanisms and Hinges	N/A
4.14	Cords, Straps and Elastics	N/A
4.15	Stability and Over-Load Requirements	P
4.16	Confined Spaces	N/A
4.17	Wheels, Tires, and Axles	N/A
4.18	Holes, Clearances, and Accessibility of Mechanisms	N/A
4.19	Simulated Protective Devices	N/A
4.20	Pacifiers	N/A
4.21	Projectile Toys	N/A
4.22	Teethers and Teething Toys	N/A
4.23	Rattles	N/A
4.24	Squeeze Toys	N/A
4.25	Battery-Operated Toys (exclude section 4.25.10 Battery-powered ride-on toys and section 4.25.11 Toys contain secondary cells or secondary batteries)	N/A
4.26	Toys Intended to be Attached to a Crib or Playpen	N/A
4.27	Stuffed and Beanbag-Type Toys	P
4.28	Stroller and Carriage Toys	N/A
4.30	Toy Gun Marking	N/A
4.31	Balloons	N/A
4.32	Certain Toys with Nearly Spherical Ends	N/A
4.33	Marbles	N/A
4.34	Balls	N/A
4.35	Pompoms	N/A
4.36	Hemispheric-Shaped Objects	N/A
4.37	Yo Yo Elastic Tether Toys	N/A
4.38	Magnets	N/A
4.39	Jaw Entrapment in Handles and Steering Wheels	N/A
4.40	Expanding material	N/A
4.41	Toy Chests	N/A
5	Labeling Requirements	
5.2	Age Grading Labeling	P
5.3	Safety Labeling Requirements	N/A

TEST RESULT

Section	Description	Result
5.4	Aquatic Toys	N/A
5.5	Crib and Playpen Toys	N/A
5.6	Mobiles	N/A
5.7	Stroller and Carriage Toys	N/A
5.8	Toys Intended to be Assembled by an Adult	N/A
5.9	Simulated Protective Devices	N/A
5.10	Toys with Functional Sharp Edges and Sharp Points	N/A
5.11	Small Objects, Small Balls, Marbles and Balloons (16 CFR 1500.19)	N/A
5.12	Toy Caps (16 CFR 1500.86 for Required Labeling)	N/A
5.13	Art Materials (16 CFR 1500.14(b)(8))	N/A
5.14	Electric Toys	N/A
5.15	Battery-Operated Toys	N/A
5.15.1	Battery-Powered Ride-On Toys	N/A
5.15.2	Button or Coin Cell Batteries	N/A
5.16	Promotional Materials	N/A
5.17	Magnets	N/A
6	Instructional Literature	
6.1	Definition and Description	N/A
6.2	Crib and Playpen Toys	N/A
6.3	Mobiles	N/A
6.4	Toys Intended to be Assembled by an Adult	N/A
6.5	Battery-Operated Toys	N/A
6.6	Battery-Powered Ride-On Toys	N/A
6.7	Toys in Contact with Food	N/A
6.8	Toy Chests	N/A
7	Producer’s Markings	
7.1	Producer’s or Distributor’s Name and Address	P
7.2	Battery-Powered Ride-on Toys	N/A
7.3	Toy Chests	N/A

Remark:
P – Pass
N/A – Not Applicable

TO BE CONTINUED

TEST RESULT

Flammability of Toys

Test Request: As specified in ASTM F963-17, Section 4.2, testing procedure for materials other than textiles (excluding paper) used in toys is contained in Annex A5.

Sample	Limit	Result
A	0.1 inch/second	P
B	0.1 inch/second	P
C	0.1 inch/second	P
D	0.1 inch/second	P
E	0.1 inch/second	P
F	0.1 inch/second	P
G	0.1 inch/second	P
H	0.1 inch/second	P
I	0.1 inch/second	P

Remark:
P – Pass

TO BE CONTINUED

TEST RESULT

Heavy Metals

1) ASTM F963-17- Heavy Elements – Total Lead in Substrate Material (Clause 4.3.5.2(2)(a))

Test Method: ASTM International Standard ASTM F963-17, Section 8.3.1 and Annex A7.

Tested Item(s)	Unit	Limit	MDL	Result	
				1	2
Total Lead	mg/kg	100	10	ND	ND

2) ASTM F963-17- Heavy Elements – Total Elements Content, Initial Screening for Soluble Migrated Elements Content in Surface Coatings and Substrates Other Than Modeling Clay(Clause 4.3.5.1(2) and 4.3.5.2(2)(b))

Test Method: ASTM International Standard ASTM F963-17, Section 8.3.1 and Annex A7.

Tested Item(s)	Unit	Limit	MDL	Result				
				1	2	3	4	5
Total Antimony	mg/kg	60	5	ND	ND	**70***	**146***	**115***
Total Arsenic	mg/kg	25	5	ND	ND	ND	ND	ND
Total Barium	mg/kg	1000	10	ND	32	ND	69	76
Total Cadmium	mg/kg	75	5	ND	ND	ND	ND	ND
Total Chromium	mg/kg	60	5	ND	ND	ND	ND	ND
Total Lead	mg/kg	90	10	ND	ND	ND	ND	ND
Total Mercury	mg/kg	60	5	ND	ND	ND	ND	ND
Total Selenium	mg/kg	500	10	ND	ND	ND	ND	ND

Tested Item(s)	Unit	Limit	MDL	Result				
				6	7	8	9	10
Total Antimony	mg/kg	60	5	49	**96***	**124***	**157***	**103***
Total Arsenic	mg/kg	25	5	ND	ND	ND	ND	ND
Total Barium	mg/kg	1000	10	ND	85	ND	ND	90
Total Cadmium	mg/kg	75	5	ND	ND	ND	ND	ND
Total Chromium	mg/kg	60	5	ND	ND	ND	ND	ND
Total Lead	mg/kg	90	10	ND	ND	ND	ND	ND
Total Mercury	mg/kg	60	5	ND	ND	ND	ND	ND
Total Selenium	mg/kg	500	10	ND	ND	ND	ND	ND

Tested Item(s)	Unit	Limit	MDL	Result	
				11	12
Total Antimony	mg/kg	60	5	ND	55
Total Arsenic	mg/kg	25	5	ND	ND
Total Barium	mg/kg	1000	10	ND	ND
Total Cadmium	mg/kg	75	5	ND	ND
Total Chromium	mg/kg	60	5	ND	ND
Total Lead	mg/kg	90	10	ND	ND
Total Mercury	mg/kg	60	5	ND	ND
Total Selenium	mg/kg	500	10	ND	ND

TO BE CONTINUED

TEST RESULT

3) ASTM F963-17- Heavy Elements – Soluble Migrated Elements Content in Surface Coatings and Substrates Other Than Modeling Clay (Clause 4.3.5.1(2) and 4.3.5.2(2)(b))

Test Method: ASTM International Standard ASTM F963-17, Section 8.3.2 to 8.3.5 (excluding 8.3.5.5(3))

Tested Item(s)	Unit	Limit	MDL	Result				
				3	4	5	7	8
Soluble Antimony	mg/kg	60	5	ND	ND	ND	ND	ND
Soluble Arsenic	mg/kg	25	5	ND	ND	ND	ND	ND
Soluble Barium	mg/kg	1000	10	ND	ND	ND	ND	ND
Soluble Cadmium	mg/kg	75	5	ND	ND	ND	ND	ND
Soluble Chromium	mg/kg	60	5	ND	ND	ND	ND	ND
Soluble Lead	mg/kg	90	10	ND	ND	ND	ND	ND
Soluble Mercury	mg/kg	60	5	ND	ND	ND	ND	ND
Soluble Selenium	mg/kg	500	10	ND	ND	ND	ND	ND

Tested Item(s)	Unit	Limit	MDL	Result	
				9	10
Soluble Antimony	mg/kg	60	5	ND	ND
Soluble Arsenic	mg/kg	25	5	ND	ND
Soluble Barium	mg/kg	1000	10	ND	ND
Soluble Cadmium	mg/kg	75	5	ND	ND
Soluble Chromium	mg/kg	60	5	ND	ND
Soluble Lead	mg/kg	90	10	ND	ND
Soluble Mercury	mg/kg	60	5	ND	ND
Soluble Selenium	mg/kg	500	10	ND	ND

Remark:
mg/kg = milligram per kilogram
MDL = method detection limit
ND = Not detected, less than MDL
The analytical results were adjusted by subtracting analytical correction factor.

* On the initial analysis for soluble heavy metals content, any tested component of greater than the set limit, the result is inconclusive for the requirement and therefore were retested with soluble heavy metals analysis of ASTM F963-17, Sections 8.3.2 to 8.3.5 as specified in Section 8.3.1.3. The result herein is for reference only (show data), please refer to soluble heavy metals content analysis for the corresponding conclusive results.
As per client's request, only the appointed materials have been tested.

TO BE CONTINUED

TEST RESULT

Total Lead Content in Substrate

Test Request: Total lead in substrate as specified in US Consumer Product Safety Improvement Act 2008 (CPSIA), Section 101

Test Method: CPSC-CH-E1001-08.3, CPSC-CH-E1002-08.3
The sample was acid digested, and total lead content was determined by ICP-OES.

Tested Item(s)	Unit	Limit	MDL	Result	
				1	2
Total Lead(Pb)	mg/kg	100	10	ND	ND

Remark:
mg/kg = milligram per kilogram
MDL = method detection limit
ND = Not detected, less than MDL
As per client's request, only the appointed materials have been tested.

TO BE CONTINUED

TEST RESULT

Phthalates Content

Test Request: Phthalates Content as specified in US Consumer Product Safety Improvement Act 2008 (CPSIA), Section 108

Test Method: CPSC-CH-C1001-09.3

Tested Item(s)	CAS No.	Unit	Limit	MDL	Result
					1
For toys and childcare articles					
Dibutylphthalate (DBP)	84-74-2	%	0.1	0.005	ND
Di-2-ethylhexylphthalate (DEHP)	117-81-7	%	0.1	0.005	ND
Benzylbutylphthalate (BBP)	85-68-7	%	0.1	0.005	ND
Additional requirements for toys and childcare articles, which can be placed in the mouth by children					
Diisononyl phthalate (DINP)	68515-48-0	%	0.1	0.005	ND
Di-n-octylphthalate (DNOP)	117-84-0	%	0.1	0.005	ND
Di-iso-decylphthalate (DIDP)	26761-40-0	%	0.1	0.005	ND

Remark:
MDL = method detection limit
ND = Not detected, less than MDL
As per client's request, only the appointed materials have been tested.

TO BE CONTINUED

TEST RESULT

Phthalates Content

Test Request: Prohibition of Children's Toys and Child Care Articles Containing Specified Phthalates as specified in CPSC 16 CFR part 1307.

Test Method: CPSC-CH-C1001-09.4

Tested Item(s)	CAS No.	Unit	Limit	MDL	Result
					1
Diisononylphthalate (DINP)	28553-12-0	%	0.1	0.005	ND
Di-n-pentyl phthalate (DPENP)	131-18-0	%	0.1	0.005	ND
Di-n-hexyl phthalate (DHEXP)	84-75-3	%	0.1	0.005	ND
Dicyclohexyl phthalate (DCHP)	84-61-7	%	0.1	0.005	ND
Diisobutyl phthalate (DIBP)	84-69-5	%	0.1	0.005	ND
Di-2-ethylhexylphthalate (DEHP)	117-81-7	%	0.1	0.005	ND
Dibutylphthalate (DBP)	84-74-2	%	0.1	0.005	ND
Benzylbutylphthalate (BBP)	85-68-7	%	0.1	0.005	ND

Remark:
MDL = method detection limit
ND = Not detected, less than MDL
As per client's request, only the appointed materials have been tested.

END OF THE REPORT