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Applicant : FUZHOU HC HOME CO., LTD

Address : RM 522, FLOOR 5, ZONE A, HONGYANG BUILDING, 328 PAI WEI

ROAD, TAIJIANG DISTRICT, FUZHOU, FUJIAN, CHINA

The Submitted Sample Said To Be

Sample Name : Wooden Climbing Playset

Type No. : W2644P233324

Manufacturer : FUZHOU HC HOME CO., LTD

Manufacturer Address : RM 522, FLOOR 5, ZONE A, HONGYANG BUILDING, 328 PAI WEI

ROAD, TAIJIANG DISTRICT, FUZHOU, FUJIAN, CHINA

Labeled Age Grading : 3-8years

Requested Age Grading : 3-8years

Age Group Applied in Testing : 3-8years

Date of Sample Received : Oct. 18, 2024

Test Period : Oct. 18, 2024 ~ Oct. 23, 2024

Test Conducted: As requested by the applicant, refer to following page(s) for details.

_____ Approved by:

Signed for and on behalf of

Compliance Control Lab (Dongquant CO

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Reviewed by:

Prepared by:



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Executive Summary:

Tested sample(s)	Test Standard/Test Item	Conclusion
	ASTM F963-23 Standard Consumer Safety Specification on Toy Safety	Pass
	CPSIA section 103 – Tracking Labels for Children's Products	Pass
	Section 101 of U.S. Consumer Product Safety Improvement Act of 2008 (CPSIA) – Lead (Pb) content	Pass
	Section 108 of U.S. Consumer Product Safety Improvement Act of 2008 (CPSIA) – Phthalates contents	Pass
Tested components of submitted sample	Consumer Product Safety Committee(CPSC)16 CFR Part 1500 – Physical & Mechanical Tests	Pass
	Consumer Product Safety Committee(CPSC)16 CFR Part 1500.3 (c) (6) (vi) – Flammability Test 16 CFR Part 1500.44 – Flammability test	Pass
	Consumer Product Safety Committee(CPSC)16 CFR Part 1303 – Total Lead content	Pass
	Consumer Product Safety Committee(CPSC)16 CFR Part 1307 – Phthalates Content Requirements	Pass
	15 U.S.C. § 1278a – Children's products containing lead	Pass



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Test Results:

As Specified in ASTM F963-23 Standard Consumer Safety Specification on Toys Safety

	rgone the tests in accordance with section 8.5 through 8.30 on normal use, at types of toys whichever is applicable			
Test	Parameter			
Impact test	4x3.0ft			
Torque test	4in-lbf			
Tension test	15 lbf			

Clause	Description	Assessment
4.	Safety Requirements	
4.1	Material quality(visual examination)	Pass
4.2	Flammability	Pass (See Note 1)
4.3	Toxicology	
4.3.1	Hazardous substances	N/A
4.3.2	Manufacturing and packaging of food	N/A
4.3.3	Indirect food additives	N/A
4.3.4	Cosmetics	N/A
4.3.5	Heavy elements	Pass (See Note 2)
4.3.6	Cosmetics, liquids, pastes, putties, gels, powders, and items of avian feather origin	N/A
4.3.7	Stuffing materials	N/A
4.3.8	Phthalates	Pass (See Note 3)
4.4	Electrical/thermal energy	N/A
4.5	Sound-producing toys	N/A
4.6	Small Objects	
4.6.1	Toys that are intended for children under 36 months of age	N/A
4.6.2	Mouth-actuated toys	N/A
4.6.3	Toys and games that are intended for use by children who are at least three years old but less than six years of age	N/A
4.7	Accessible edges	Pass
4.8	Projections	N/A



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Clause	Description	Assessment
4.9	Accessible points	Pass
4.10	Wires or rods	N/A
4.11	Nails and fasteners	Pass
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	Pass
4.16	Confined spaces	N/A
4.17	Wheels, tires and axles	N/A
4.18	Holes, clearance, 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	N/A
4.26	Toys intended to be attached to a crib or playpen	N/A
4.27	Stuffed and beanbag-type toys	N/A
4.28	Stroller and carriage toys	N/A
4.29	Art materials	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



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Clause	Description	Assessment
4.38	Magnets	N/A
4.39	Jaw entrapment in handles and steering wheels	N/A
4.40	Expanding materials	N/A
4.41	Toy chests	N/A
5.	Labeling Requirements	<u></u>
5.1	Federal government requirements	N/A
5.2	Age grading labeling	Pass
5.3	Safety labeling requirements	Pass
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	Pass
5.9	Simulated protective devices	N/A
5.10	Toys with functional sharp edges or points	N/A
5.11	Small objects, small balls, marbles and balloons	N/A
5.12	Art materials	N/A
5.13	Electric toys	N/A
5.14	Battery-operated toys	N/A
5.15	Promotional materials	N/A
5.16	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	Pass
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



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Clause	Description	Assessment
6.8	Toy chests	N/A
6.9	The instructional material for toys which require a manufacturer-supplied specialty or custom tool to access the battery(ies) shall direct caregivers to retain the tool for future use, to store it where the child cannot access it, and state that the tool is not a toy.	N/A
7.	Producer's Markings	~_
7.1	Either a principal component of a toy or the package of a toy shall be marked with the name and address of the producer or the distributor. In the case of toys sold in bulk, such as jacks or marbles, only the container need be marked. All of these markings shall be legible and so positioned as to be seen easily by the customer and shall resist normal use conditions. Toys may carry a code that will enable the producer to identify model changes except for toys comprising many loose components, in which case the container may be so coded.	💜
	- Name of producer/distributor (Package)	Yes
	- Address (Package)	Yes
7.2	Battery-Powered Ride-on Toys	N/A
7.3	Toy chests	N/A
7.3.1	Each toy chest shall be labeled permanently and conspicuously to identify the name and address (city, state, and zip code) of either the manufacturer, distributor, or seller.	N/A
7.3.2	A code mark or other mark shall be provided on the toy chest and either the packaging or shipping container that will identify the date (month and year) of manufacture and permit future identification of any given model.	N/A
7.3.3	The manufacturer shall change the model number whenever the toy chest undergoes a significant structural design, or material modification, or a change that affects its conformance with this consumer safety specification.	N/A

Note: N/A = Not Applicable

Note 1: ASTM F963-23 – Flammability test (Clause 4.2)

Flammability Test on Solid

Sample	Limit (inch/sec)	Burning Rate (inch/sec)
Wooden Climbing Playset	0.1	DNI

DNI = Did Not Ignite



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Test Results:

Note 2: ASTM F963-23 - Heavy Elements

Heavy metal content in paint and similar surface coating material: ASTM F963-23 Section 4.3.5.1

Test Method: Samples were extracted in diluted hydrochloric acid in accordance with ASTM F963-23 (CLAUSE 8.3), and the analysis was performed by ICP-OES.

Test Items	Total	Soluble							
	Pb	Sb	As	Ва	Cd	Cr	Pb	Hg	Se
Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
RL	10	5	2.5	5	5	2.5	5	2.5	5
Limit	90	60	25	1000	75	60	90	60	500
Test Item No.			Test result						
1	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.

Note:

- 1. mg/kg = milligram per kilogram (ppm)
- 2. RL = report limit
- 3. N.D.= not detected(less than RL)



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Test Results:

Note 3: ASTM F963-23 - Phthalates (Section 4.3.8)

Test Method: To refer to the Standard Operating Procedure for Determination of Phthalate published by CPSC: CPSC-CH-C1001-09.4, the analysis was performed by GC-MS.

Total Mouse	OCAC Na	1114	ъ.	.	Test result
Test Items CAS No. Unit		RL	Limit	1	
Di-2-ethylhexyl phthalate(DEHP)	117-81-7	mg/kg	30	1000	306
Dibutyl phthalate(DBP)	84-74-2	mg/kg	30	1000	N.D.
Benzylbutyl phthalate(BBP)	85-68-7	mg/kg	30	1000	N.D.
Diisononyl phthalate(DINP)	28553-12-0 68515-48-0	mg/kg	50	1000	N.D.
Diisobutyl phthalate(DIBP)	84-69-5	mg/kg	30	1000	N.D.
Di-n-pentyl phthalate(DPENP)	131-18-0	mg/kg	30	1000	N.D.
Di-n-hexyl phthalate(DHEXP)	84-75-3	mg/kg	30	1000	N.D.
Dicyclohexyl phthalate(DCHP)	84-61-7	mg/kg	30	1000	N.D.

Note:

- 1. mg/kg = milligram per kilogram (ppm)
- 2. RL = report limit
- 3. N.D.= not detected(less than RL)



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Test Results:

CPSIA section 103 - Tracking Labels for Children's Products

As specified in Consumer Product Safety Improvement Act (CPSIA) of 2008 section 103 tracking labels for children's products.

Tracking labels found of	on the packaging:
1) Name:	FUZHOU HC HOME CO., LTD
2) Location:	RM 522, FLOOR 5, ZONE A, HONGYANG BUILDING, 328 PAI WEI ROAD, TAIJIANG DISTRICT, FUZHOU, FUJIAN, CHINA
3) Date:	2024.09
4) Cohort information:	W2644P233324

Tracking labels found of	on the product:
1) Name:	FUZHOU HC HOME CO., LTD
2) Location:	RM 522, FLOOR 5, ZONE A, HONGYANG BUILDING, 328 PAI WEI ROAD, TAIJIANG DISTRICT, FUZHOU, FUJIAN, CHINA
3) Date:	2024.09
4) Cohort information:	W2644P233324



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Test Results:

Section 101 of U.S. Consumer Product Safety Improvement Act of 2008 (CPSIA) – Total Lead (Pb) Requirement for children's products

Total Lead content in Surface Coating:

Test Method: To refer to the test method CPSC-CH-E1003-09.1, the analysis was performed by ICP-OES.

Took Itama	II m id	DI	Limit	Test result
Test Items	Unit	RL	Limit	1
Lead (Pb)	mg/kg	10	90	N.D.

Note:

- 1. mg/kg = milligram per kilogram (ppm)
- 2. RL = report limit
- 3. N.D.= not detected(less than RL)

Section 108 of U.S. Consumer Product Safety Improvement Act of 2008 (CPSIA) – Phthalates Requirement for toys and childcare articles

Test Method: To refer to the Standard Operating Procedure for Determination of Phthalate published by CPSC: CPSC-CH-C1001-09.4, the analysis was performed by GC / MS.

			,			
Took Itama	CACNA	Unit	DI	Linett	Test result	
Test Items	CAS No.		RL	Limit		
Di-2-ethylhexyl phthalate(DEHP)	117-81-7	mg/kg	30	1000	306	
Dibutyl phthalate(DBP)	84-74-2	mg/kg	30	1000	N.D.	
Benzylbutyl phthalate(BBP)	85-68-7	mg/kg	30	1000	N.D.	
Diisononyl phthalate(DINP)	28553-12-0 68515-48-0	mg/kg	50	1000	N.D.	
Diisobutyl phthalate(DIBP)	84-69-5	mg/kg	30	1000	N.D.	
Di-n-pentyl phthalate(DPENP)	131-18-0	mg/kg	30	1000	N.D.	
Di-n-hexyl phthalate(DHEXP)	84-75-3	mg/kg	30	1000	N.D.	
Dicyclohexyl phthalate(DCHP)	84-61-7	mg/kg	30	1000	N.D.	

Note:

- 1. mg/kg = milligram per kilogram (ppm)
- 2. RL = report limit
- 3. N.D.= not detected(less than RL)



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Test Results:

Consumer Product Safety Committee(CPSC)16 CFR Part 1500 - Physical & Mechanical Tests

As Specified in Title 16, Code of Federal Regulations, Chapter II - Consumer Products Safety Commission of U.S.A.

Small Part (1501)	
N/A	
_	

Note: N/A = Not Applicable

Consumer Product Safety Committee(CPSC)16 CFR Part 1500.3 (c) (6) (vi) - Flammability Test

Flammability Test on on Solid (Sec. 1500.44)

As per U.S. Code of Federal Regulations Title 16 Part 1500.44 for rigid and pliable solids.

Sample	Limit (inch/sec)	Burning Rate (inch/sec)		
Wooden Climbing Playset	0.1	DNI		

DNI = Did Not Ignite



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Test Results:

Consumer Product Safety Committee(CPSC)16 CFR Part 1303 - Total Lead content

Test Method: To refer to CPSC-CH-E1003-09.1, the analysis was performed by ICP-OES.

Took likeway	Illait Di		Limit	Test result		
Test Items	Unit	RL	Limit	1		
Lead (Pb)	mg/kg	10	90	N.D.		

Note:

- 1. mg/kg = milligram per kilogram (ppm)
- 2. RL = report limit
- 3. N.D.= not detected(less than RL)

Consumer Product Safety Committee(CPSC)16 CFR Part 1307 - Phthalates Content Requirements

Test Method: To refer to the Standard Operating Procedure for Determination of Phthalate published by CPSC: CPSC-CH-C1001-09.4, the analysis was performed by GC-MS.

T	CAS No.	Unit	RL	1	Test result	
Test Items				Limit	1	
Di-2-ethylhexyl phthalate(DEHP)	117-81-7	mg/kg	30	1000	306	
Dibutyl phthalate(DBP)	84-74-2	mg/kg	30	1000	N.D.	
Benzylbutyl phthalate(BBP)	85-68-7	mg/kg	30	1000	N.D.	
Diisononyl phthalate(DINP)	28553-12-0 68515-48-0	mg/kg	50	1000	N.D.	
Diisobutyl phthalate(DIBP)	84-69-5	mg/kg	30	1000	N.D.	
Di-n-pentyl phthalate (DPP/DPEP/DPENP)	131-18-0	mg/kg	30	1000	N.D.	
Di-n-hexyl phthalate (DNHP/DHEXP)	84-75-3	mg/kg	30	1000	N.D.	
Dicyclohexyl phthalate(DCHP)	84-61-7	mg/kg	30	1000	N.D.	

Note:

- 1. mg/kg = milligram per kilogram (ppm)
- 2. RL = report limit
- 3. N.D.= not detected(less than RL)



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Test Results:

15 USC § 1278a - Children's products containing lead

Total Lead content in Surface Coating:

Test Method: To refer to CPSC-CH-E1003-09.1, the analysis was performed by ICP-OES.

T	Unit RL		Limit	Test result		
Test Items		RL		1		
Lead (Pb)	mg/kg	10	90	N.D.		

Note:

- 1. mg/kg = milligram per kilogram (ppm)
- 2. RL = report limit
- 3. N.D.= not detected(less than RL)

Tested Materials:

No.	Description		
1	Transparent coating (wooden climbing playset)		

Remark: As specified by the client, the related tests were performed only for the selected materials of submitted sample.



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Photo Appendix



*** End of Report ***



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