

Test report

Report No : EQO21122383P

Date: 2022-01-17

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Applicant: HANGZHOU FEITELAER TECHNOLOGY CO., LTD.

Address: 2000 NORTH SHIXIN ROAD, XIAOSHAN DISTRICT GUIGU BUILDING 2 ZHUANG ROOM
806 HANGZHOU, ZHEJIANG CHINA

The following sample(s) was/were submitted and identified on behalf of applicant

Sample(s) name: Cloud Castle Foldable Playpen (Multicolor, 14 Panel), Cloud Castle Foldable Playpen Extension Set (Multicolor), Cloud Castle Foldable Playpen (Gray, 14 Panel), Cloud Castle Foldable Playpen Extension Set (Gray)

Sample(s) model No.: ABST-W025A, ABST-W025B, ABST-W025C, ABST-W025D

Sample(s) Q'ty : 2pcs

Sample(s) description: Applicant provides two unassembled Cloud Castle Foldable Playpen (Multicolor, 14 Panel), Cloud Castle Foldable Playpen Extension Set (Multicolor), Cloud Castle Foldable Playpen (Gray, 14 Panel), Cloud Castle Foldable Playpen Extension Set (Gray), with PDF instruction, label and packaging .

Supplier: —

Sample(s) arrive date: 2021-12-30

Test period : 2021-12-31~ 2022-01-12

Test summary:

1. ASTM F1004-21 Standard Consumer Safety Specification for Expansion Gates and Expandable Enclosures
2. 16 CFR Part 1239 Safety Standard for Gates and Enclosures
3. ASTM F963-17 Standard Consumer Safety Specification for Toy Safety
4. CPSIA SEC.103 TRACKING LABELS FOR CHILDREN'S PRODUCTS
5. Phthalate Content (CPSIA section 108)
6. Total lead content in accessible substrate materials(CPSIA section 101(a)(2))

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Items	Testing items	Testing method	Conclusion	Remark
1	Chemical and Physical performance test for Expansion Gates and Expandable Enclosures	ASTM F1004-21 Standard Consumer Safety Specification for Expansion Gates and Expandable Enclosures	P	/
2	Chemical and Physical performance test for Expansion Gates and Expandable Enclosures	16 CFR Part 1239 Safety Standard for Gates and Enclosures	P	/
3	CPSIA	SEC.103 TRACKING LABELS FOR CHILDREN'S PRODUCTS.	P	/
4	Safety performance test for toy safety	ASTM F963-17 Standard Consumer Safety Specification for Toy Safety	P	/
5	Total Lead	CPSC-CH-E1002-08.3	P	/
6	Total Lead	CPSC-CH-E1003-09.1	P	/

Conclusion: P: Pass; F: Fail; N: Not applicable;



Edited by : Tony Shi

Reviewed by : Dalei Tu

proved by :

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Test result

1.ASTM F1004–21 Standard Consumer Safety Specification for Expansion Gates and Expandable Enclosures

Section	Test item	Result	Remarks
5. General Requirements			
5.1	Wood Parts	N/A	No wood Parts
5.2	Screws	P	/
5.3	Sharp edges or points as defined	P	/
5.4	Small parts	P	/
5.5	Openings	P	/
5.6	Exposed Coil Springs	N/A	No Exposed Coil Springs
5.7	Scissoring, Shearing, and Pinching	P	/
5.8	Labeling	P	/
5.9	Surface coating	N/A	No Surface coating
5.10	Protective Components	N/A	No Protective Components
6. Performance Requirements			
6.1 performance requirements apply			
6.1.1	Completely-Bounded Openings	P	/
6.1.2	Height of Sides	P	/
6.1.3	Vertical Strength	P	/
6.1.4	Bottom Spacing	P	/



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Section	Test item	Result	Remarks
6.1.5	Configuration of Uppermost Edge	P	/
6.2 Latching/Locking and Hinge Mechanisms:			
6.2.1	Pressure Mounted Gates	N/A	No Pressure Mounted Gates
6.2.2	Units with Egress Panels	P	/
6.2.2.1	Automatic Closing Systems	N/A	No Automatic Closing Systems
6.3	Horizontal Push-Out	N/A	Not gate
6.4	Locking Device	P	/
6.5	Toys	P	/
6.6	Slat Strength Test	N/A	No Slat Strength Test
6.7	Pressure Mounted Gate Mounting Hardware	N/A	No Pressure Mounted Gate
6.8	Visual Side-pressure Indicators	N/A	No Visual Side-pressure Indicators
8.	Marking and Labeling	P	/
9.	Instructional Literature	P	/

N/A = Not Applicable; N/R = Not Requested



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2. Gates and Enclosures

With reference 16 CFR Part 1239 Safety Standard for Gates and Enclosures, the submitted sample was subjected to the following tests:

Number of Sample Tested: One (1) Piece

Initial inspection: no any damage was found:

Section	Test item	Result	Remarks
5. General Requirements			
5.1	Wood Parts	N/A	No wood Parts
5.2	Screws	P	/
5.3	Sharp edges or points as defined	P	/
5.4	Small parts	P	/
5.5	Openings	P	/
5.6	Exposed Coil Springs	N/A	No Exposed Coil Springs
5.7	Scissoring, Shearing, and Pinching	P	/
5.8	Labeling	P	/
5.9	Surface coating	N/A	No Surface coating
5.10	Protective Components	N/A	No Protective Components
6. Performance Requirements			
6.1 performance requirements apply			
6.1.1	Completely-Bounded Openings	P	/
6.1.2	Height of Sides	P	/
6.1.3	Vertical Strength	P	/

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Section	Test item	Result	Remarks
6.1.4	Bottom Spacing	P	/
6.1.5	Configuration of Uppermost Edge	P	/
6.2 Latching/Locking and Hinge Mechanisms:			
6.2.1	Pressure Mounted Gates	N/A	No Pressure Mounted Gates
6.2.2	Units with Egress Panels	P	/
6.2.2.1	Automatic Closing Systems	N/A	No Automatic Closing Systems
6.3	Horizontal Push-Out	N/A	Not gate
6.4	Locking Device	P	/
6.5	Toys	P	/
6.6	Slat Strength Test	N/A	No Slat Strength Test
6.7	Pressure Mounted Gate Mounting Hardware	N/A	No Pressure Mounted Gate
6.8	Visual Side-pressure Indicators	N/A	No Visual Side-pressure Indicators
8.	Marking and Labeling	P	/
9.	Instructional Literature	P	/

N/A = Not Applicable;

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Applicant's Specified Age Group for Testing: 6-36Months		
The Submitted sample were undergone the use and abuse tests in accordance with the Federal Hazardous Substance Act(FHSA), Title 16, Code of Federal Regulations:-		
Test	FHSA	Parameter
Impact test	Section 1500.53(b)	4 times 3ft height
Torque Test	Section 1500.53(3)	4 in·lbf
Tension Test	Section 1500.53(f)	15 lbf
Compression	Section 1500.53(g)	30 lbf
Test		

3.ASTM F963-17 Standard Consumer Safety Specification for Toy Safety

Section	Test item	Result	Remarks
4. Safety Requirements			
4.1	Material Quality	P	/
4.2	Flammability	P	/
4.3	Toxicology	P	See Chemical test result
4.4	Electrical/Thermal Energy	N/A	No electrical/thermal function
4.5	Sound-Producing Toys	N/A	Not sound-producing toys
4.6	Small Objects	P	/
4.7	Accessible Edges	P	/

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Section	Test item	Result	Remarks
4.8	Projections	N/A	No projections
4.9	Accessible Points	P	/
4.10	Wires or Rods	P	/
4.11	Nails and Fasteners	N/A	No Nails and Fasteners
4.12	Plastic Film	N/A	No Plastic Film
4.13	Folding Mechanisms and Hinges	N/A	No Folding Mechanisms and Hinges
4.14	Cords, Straps, and Elastics	N/A	No Cords, Straps, and Elastics
4.15	Stability and Over-Load Requirements	N/A	No On Toys and Toy Seats
4.16	Confined Spaces	N/A	No confined spaces
4.17	Wheels, Tires, and Axles	N/A	No Wheels, Tires, and Axles
4.18	Holes, Clearance, and Accessibility of Mechanisms	N/A	No Holes, Clearance, and Accessibility of Mechanisms
4.19	Simulated Protective Devices	N/A	Not simulated protective devices

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Section	Test item	Result	Remarks
4.20	Pacifiers	N/A	Not pacifiers
4.21	Projectile Toys	N/A	Not Projectile Toys
4.22	Teethers and Teething Toys	N/A	Not teethers or teething toys
4.23	Rattles	N/A	Not rattles
4.24	Squeeze Toys	N/A	Not squeeze toys
4.25	Battery-Operated Toys	N/A	Not Battery-Operated Toys
4.26	Toys Intended to be Attached to a Crib or Playpen	N/A	Not toys Intended to be Attached to a Crib or Playpen
4.27	Stuffed and Beanbag-Type Toys	N/A	Not stuffed or beanbag-type toys
4.28	Stroller and Carriage Toys	N/A	Not stroller or carriage toys
4.29	Art Materials	N/A	No art materials
4.30	Toy Gun Marking	N/A	Not toy gun
4.31	Balloons	N/A	Not balloons

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Section	Test item	Result	Remarks
4.32	Certain Toys with Nearly Spherical Ends	N/A	No nearly spherical ends
4.33	Marbles	N/A	No marbles
4.34	Balls	N/A	No balls
4.35	Pompoms	N/A	No Pompoms
4.36	Hemispheric-Shaped Objects	N/A	No hemispheric-shaped objects
4.37	Yo Yo Elastic Tether Toys	N/A	Not yo yo
4.38	Magnets	N/A	No magnets
4.39	Jaw Entrapment in Handles and Steering Wheels	N/A	No this structure
4.40	Expanding Materials	N/A	No Expanding Materials
4.41	Toy Chests	N/A	Not toy chests
5.Labeling Requirements			
5.1	Federal Government Requirements	P	/

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Section	Test item	Result	Remarks
5.2	Age Grading Labeling	N/A	6-36 months
5.3	Safety Labeling Requirements	P	/
5.4	Aquatic Toys	N/A	Not Aquatic Toys
5.5	Crib and Playpen Toys	N/A	Not Crib and Playpen Toys
5.6	Mobiles	N/A	Not Mobiles
5.7	Stroller and Carriage	N/A	Not Stroller and Carriage
5.8	Toys Intended to be Assembled by an Adult	N/A	Have assembled
5.9	Simulated Protective Devices	N/A	Not Simulated Protective Devices
5.10	Toys with Functional Sharp Edges or Points	N/A	Not Toys with Functional Sharp Edges or Points
5.11	Small Objects, Small Balls, Marbles, and Balloons	N/A	No Small Objects, Small Balls, Marbles, and Balloons
5.12	Toy Caps	N/A	Not Toy Caps
5.13	Art Materials	N/A	Not Art Materials

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Section	Test item	Result	Remarks
5.14	Electric Toys	N/A	Not Electric Toys
5.15	Battery-Operated	N/A	Not Battery-Operated
5.16	Promotional Materials	N/A	Not Promotional Materials
5.17	Magnets	N/A	Not Magnets
6.Instructional Literature			
6.1	Definition and Description	P	/
6.2	Crib and Playpen Toys	P	/
6.3	Mobiles	N/A	Not Mobiles
6.4	Toys Intended to be Assembled By an Adult	N/A	Have assembled
6.5	Battery-Operated Toys	N/A	Not Battery-Operated Toys
6.6	Battery Powered Ride-on Toys	N/A	Not Battery Powered Ride-on Toys
6.7	Toys in Contact with Food	N/A	Not Toys in Contact with Food
6.8	Toy Chests	N/A	Not Toy Chests

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Section	Test item	Result	Remarks
7.Producer's Markings			
7.1	General requirements	P	/
7.2	Battery-Powered Ride-on Toys	N/A	Not Battery-Powered Ride-on Toys
7.3	Toy Chests	N/A	Not Toy Chests

4.CPSIA

Section	Test item	Result	Remarks
103	TRACKING LABELS FOR CHILDREN'S PRODUCTS.	P	/

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Chemical test results:

- 1#-A Beige plastic.(hinge tightener)+Light beige plastic.(body)+Grey plastic.(body)
- 1#-B Blue plastic.(body)+Light yellow plastic.(body)+Pink plastic.(body)
- 1#-C Green plastic.(body)+Yellow plastic.(toy on door)+Light blue plastic.(toy on door)
- 1#-D Light pink plastic.(toy on door)+Green plastic.(toy on door&telephone)
- 1#-E Grey soft plastic.(non-slip mat)
- 1#-F White sticker with black/orange printing.(warning label)
- 1#-G Silver color metal.(on door)
- 1#-H Beige plastic.(hinge tightener)
- 1#-I Light beige plastic.(body)
- 1#-J Grey plastic.(body)
- 1#-K Blue plastic.(body)
- 1#-L Light yellow plastic.(body)
- 1#-M Pink plastic.(body)
- 1#-N Green plastic.(body)
- 1#-O Yellow plastic.(toy on door)
- 1#-P Light blue plastic.(toy on door)
- 1#-Q Light pink plastic.(toy on door)
- 1#-R Green plastic.(toy on door&telephone)

According to the customer's requirements, the samples were mixed tested. Therefore, the results of the report show the average value of the mixed materials. Sample test results may differ from any single test results, and customers will bear the resulting differences and risks.

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5. Phthalates

Test method : CPSC-CH-C1001-09.4, Analyzed by GC-MS.

Parameter	CAS NO.	Test Result (%W/W)			Limited (%W/W)	MDL (%W/W)
		1#-A	1#-B	1#-C		
DBP	84-74-2	N.D	N.D	N.D	0.1	0.005
BBP	85-68-7	N.D	N.D	N.D	0.1	0.005
DEHP	117-81-7	N.D	N.D	N.D	0.1	0.005
DINP	28553-12-0/68515-48 -0	N.D	N.D	N.D	0.1	0.01
DNHP	84-75-3	N.D	N.D	N.D	0.1	0.005
DIBP	84-69-5	N.D	N.D	N.D	0.1	0.005
DPP	131-18-0	N.D	N.D	N.D	0.1	0.005
DCHP	84-61-7	N.D	N.D	N.D	0.1	0.005

Parameter	CAS NO.	Test Result (%W/W)			Limited (%W/W)	MDL (%W/W)
		1#-A	1#-B	1#-C		
DBP	84-74-2	N.D	N.D	N.D	0.1	0.005
BBP	85-68-7	N.D	N.D	N.D	0.1	0.005
DEHP	117-81-7	N.D	N.D	N.D	0.1	0.005
DINP	28553-12-0/68515-48 -0	N.D	N.D	N.D	0.1	0.01
DNHP	84-75-3	N.D	N.D	N.D	0.1	0.005
DIBP	84-69-5	N.D	N.D	N.D	0.1	0.005
DPP	131-18-0	N.D	N.D	N.D	0.1	0.005
DCHP	84-61-7	N.D	N.D	N.D	0.1	0.005

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Remark: (1) % = percent

(2) N.D= less than MDL

6.Total Lead

Test method: CPSC-CH-E1002-08.3, Analyzed by ICP-OES.

Test Item(s)	Test Result (mg/kg)							Limited (mg/kg)	MDL (mg/kg)
	1#-A	1#-B	1#-C	1#-D	1#-E	1#-F	1#-G		
Total Pb	N.D	N.D	N.D	N.D	N.D	N.D	N.D	100	10

Remark: (1) N.D= less than MDL

7.Migration of certain elements

Test method : ASTM F963-17, Analyzed by ICP-OES.

Test Item(s)	Test Result(mg/kg)							Limited (mg/kg)	MDL (mg/kg)
	1#-E	1#-F	1#-G	1#-H	1#-I	1#-J	1#-K		
Soluble Antimony (Sb)	N.D	N.D	N.D	N.D	N.D	N.D	N.D	60	5
Soluble Arsenic (As)	N.D	N.D	N.D	N.D	N.D	N.D	N.D	25	2
Soluble Barium (Ba)	N.D	N.D	N.D	N.D	N.D	N.D	N.D	1000	10
Soluble Cadmium (Cd)	N.D	N.D	N.D	N.D	N.D	N.D	N.D	75	5
Soluble Chromium (Cr)	N.D	N.D	N.D	N.D	N.D	N.D	N.D	60	2
Soluble Lead (Pb)	N.D	N.D	N.D	N.D	N.D	N.D	N.D	90	5
Soluble Mercury (Hg)	N.D	N.D	N.D	N.D	N.D	N.D	N.D	60	2
Soluble Selenium (Se)	N.D	N.D	N.D	N.D	N.D	N.D	N.D	500	5
Total Lead (Pb)	N.D	N.D	N.D	N.D	N.D	N.D	N.D	100	10

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Test Item(s)	Test Result(mg/kg)							Limited (mg/kg)	MDL (mg/kg)
	1#-L	1#-M	1#-N	1#-O	1#-P	1#-Q	1#-R		
Soluble Antimony (Sb)	N.D	N.D	N.D	N.D	N.D	N.D	N.D	60	5
Soluble Arsenic (As)	N.D	N.D	N.D	N.D	N.D	N.D	N.D	25	2
Soluble Barium (Ba)	N.D	N.D	N.D	N.D	N.D	N.D	N.D	1000	10
Soluble Cadmium (Cd)	N.D	N.D	N.D	N.D	N.D	N.D	N.D	75	5
Soluble Chromium (Cr)	N.D	N.D	N.D	N.D	N.D	N.D	N.D	60	2
Soluble Lead (Pb)	N.D	N.D	N.D	N.D	N.D	N.D	N.D	90	5
Soluble Mercury (Hg)	N.D	N.D	N.D	N.D	N.D	N.D	N.D	60	2
Soluble Selenium (Se)	N.D	N.D	N.D	N.D	N.D	N.D	N.D	500	5
Total Lead (Pb)	N.D	N.D	N.D	N.D	N.D	N.D	N.D	100	10

Remark: (1) N.D= less than MDL

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Sample Pictures:

Cloud Castle Foldable Playpen (Multicolor, 14 Panel), Cloud Castle Foldable Playpen Extension Set (Multicolor), Cloud Castle Foldable Playpen (Gray, 14 Panel), Cloud Castle Foldable Playpen Extension Set (Gray):



Picture 1: Sample as received



Picture 2: Sample as received



Picture 3: Sample as received



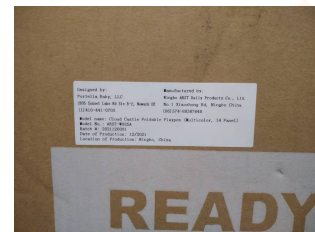
Picture 4: Sample as received



Picture 5: Package



Picture 6: Warning label



Picture 7: Tracking label

This report without authorized signature and testing stamp is unlawful. Unless otherwise statement, the results shown in this test report refer to only to the sample(s) tested. This report shall not be reproduced except in full, without written approval of laboratory.

-----End of report -----