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Applicant: Yongjia FeiQi Toy Co., Ltd

Address: Bali, Qiaoxia Town, Yongjia County, Wenzhou City, Zhejiang Province, China

Sample Received Date: Nov. 18, 2022 **Completed Date:** Feb. 06, 2023 **Report Date:** Feb. 06, 2023

The following merchandise was (were) submitted and identified on behalf of the applicant as:

Sample Name:

Model No.: FE-HT-XXX、FE-HT-XLB、FE-PP-AZO、FE-HT-BJX、FE-HT-XKL、FE-HT-KAL、

FE-HT-XGO、FE-HT-KAY、FE-HT-KAG、FE-HT-MYY、FQ-HT-QDPC、

FQ-HT-QDPP\L-XS01\FE-HT-DG1\L-CJL001\L-KL001\L-NLL001\L-NLL002\

FQ-H001、FQ-H003、FQ-CL02、L-HT01R、FQ-N01

**Sample Color:** grey&white

**Packaging Provided** Yes

Over 12 months/12M+

Labelled Age Group: /For children 12 months

**Tested Age Grading:** 

12M+

up

**Appropriate Age** 

**Grading:** 

12M+

**Applicant's Specified** 

12M+

**Testing Age Group:** 

Test Result(s): Please refer to next page(s).

Test Requested and Conclusion(s): Please refer to next page(s).

Signed for and on Behalf of CTT:

Frank/Shelly

Technical Manager

Verification Report

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Website:http://www.cttlab.com

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Test Requested and Conclusion(s):

No.	Standard and Requirement	Conclusion(s)
1	EN 71-8:2018 Activity toys for domestic use	PASS
2	EN 71-1:2014+A1:2018, European Standard Safety of toys	PASS
2	- Part 1:Mechanical and Physical Properties	PASS
2	EN 71-2:2020 European Standard Safety of toys	DACC
3	-Part 2: Flammability	PASS
4	EN 71-3:2019+A1:2021 (Category III)	DACC
4	- Soluble Heavy Metal	PASS

#### Test Result(s):

Activity toys for domestic use- EN 71-8:2018 s,n

Section	Tosting Itoms	Assessment	
Section	Testing Items	3	
4	Requirements	PASS	
4.1	General	PASS	
4.1.1	Assembly	PASS	
4.1.2	Static strength	PASS	
4.1.3	Maximum height	PASS	
4.1.4	Corners and edges	PASS	
4.1.5	Protruding parts	PASS	
4.1.6	Diameter of ropes and other means of suspension	NA	
4.1.7	Water accumulation	PASS	
4.2	Barriers, handrails and ladders and similar means of access to activity toys	PASS	
4.2.1	Barriers and handrails preventing a child from falling down	NA	
4.2.2	Ladders and similar means of access to activity toys	PASS	
4.3	Entrapment	PASS	
4.3.1	Entrapment of head and neck	PASS	
4.3.2*	Entrapment of clothing and hair	PASS	
4.3.3	Entrapment of feet	PASS	
4.3.4	Entrapment of fingers	PASS	
4.4	Stability of activity toys other than slides, swings and activity toys with crossbeams, and see-saws	PASS	
4.4.1	General	PASS	
4.4.2	Stability of activity toys with a free height of fall of 600 mm or less	PASS	

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4.4.3	Stability of activity toys with a free height of fall of more than 600	NA
7.7.5	mm	14/1
4.5	Slides	PASS
4.5.1	General	PASS
4.5.2	Stability of slides	PASS
4.5.3	Retaining sides for slides	PASS
4.5.4	Starting, sliding and run-out sections on slides	PASS
4.6	Swings	NA
4.6.1	Stability of swings and other activity toys with crossbeams	NA
4.6.2	Static strength of crossbeams, swing devices and suspension connectors	NA
4.6.3	Swings intended for children under 36 months	NA
4.6.4	Minimum clearance between adjacent swing elements, and adjacent structures	NA
4.6.5	Lateral stability of swing elements	NA
4.6.6	Minimum clearance between swing elements and the ground	NA
4.6.7	Suspension connectors and swing devices	NA
4.6.8	Impact, geometry and design of swing elements	NA
4.7	See-saws	NA
4.7.1	Stability of see-saws	NA
4.7.2	Seat/stand height	NA
4.7.3	Restraint of motion	NA
4.7.4	Pinching and crushing of fingers and toes	NA
4.7.5	Hand supports	NA
4.8	Carousels and rocking activity toys	NA
4.9	Paddling pools	NA
4.9.1	Static strength of paddling pools with non-inflatable walls	NA
4.9.2	Paddling pools with inflatable walls	NA
5	Warnings, markings, and instructions	PASS
5.1*	Warnings and markings	PASS
5.2*	Assembly and installation instructions	PASS
5.3	Maintenance	PASS

Note: NA = Not Applicable. 1.

"\*" = This sample is received on Jan. 31, 2023.

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#### Test Result(s):

Mechanical and Physical Test - FN 71-1:2014+A1:2018<sup>n</sup>

Coction	Tosting Itoms	Assessment		
Section	Section Testing Items			
4	General requirements			
4.1	Material cleanliness	PASS		
4.2	Assembly	PASS		
4.3	Flexible plastic sheeting	NA		
4.4	Toy bags	NA		
4.5	Glass	NA		
4.6	Expanding materials	NA		
4.7	Edges	PASS		
4.8	Points and metallic wires	PASS		
4.9	Protruding parts	NA		
4.10	Parts moving against each other	NA		
4.11	Mouth-actuated toys and other toys intended to be put in the mouth	NA		
4.12	Balloons	NA		
4.13	Cords of toy kites and other flying toys	NA		
4.14	Enclosures	NA		
4.14.1	Toys which a child can enter	NA		
4.14.1 a) and b)	For toys having a door, lid or similar device	NA		
4.14.1 c)	Toy chest	NA		
4.14.2	Masks and helmets	NA		
4.15	Toys intended to bear the mass of a child	PASS		
4.15.1	Toys propelled by the child or by other means	NA		
4.15.2	Toy bicycles	NA		
4.15.3	Rocking horses and similar toys	NA		
4.15.4	Toys not propelled by a child	NA		
4.15.5	Toy scooters	NA		
4.16	Heavy immobile toys	NA		
4.17	Projectile toys	PASS		
4.18	Aquatic toys and inflatable toys	NA		
4.19	Percussion caps specifically designed for use in toys and toys using percussion caps	NA		

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4.20 s,n	Acoustics	PASS		
4.21	Toys containing a non-electrical heat source	NA		
4.22	Small balls	NA		
4.23	Magnets	NA		
4.24	Yo-yo balls	NA		
4.25	Toys attached to food	NA		
4.26	Toy Disguise Costumes	NA		
4.27	Flying toys	NA		
5	Toys intended for children under 36 months			
5.1	General requirements:	PASS		
5.2	Soft-filled toys and soft-filled parts of a toy	NA		
5.3	Plastic sheeting	NA		
5.4	Cords, chains and electrical cables in toys	NA		
5.5	Liquid-filled toys	NA		
5.6	Speed limitation of electrically-driven ride-on toys	NA		
5.7	Glass and porcelain	NA		
5.8	Shape and size of certain toys			
5.9	Toys comprising monofilament fibers NA			
5.10	Small balls NA			
5.11	Play figures NA			
5.12	Hemispheric-shaped toys NA			
5.13	Suction cups	NA		
5.14	Straps intended to be worn fully or partially around the neck	NA		
5.15	Sledges with cords for pulling	NA		
6	Packaging NA			
7	Warnings, markings and instructions for use			
7.1	General	PASS		
7.2	Toys not intended for children under 36 months	NA		
7.3	Latex balloons	NA		
7.4	Aquatic toys	NA		
7.5	Functional toys	NA		
7.6	Hazardous sharp functional edges and points NA			



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7.7	Projectile toys	NA		
7.8	Imitation protective masks and helmets	NA		
7.9	Toy kites	NA		
7.10	Roller skates, inline skates, skateboards and certain other ride-on toys	NA		
7.11	Toys otherwise intended to be strung across a cradle, cot, or perambulator	NA		
7.12	Liquid-filled teethers	NA		
7.13	Percussion caps specifically designed for use in toys	NA		
7.14	Acoustics	NA		
7.15	Toy bicycles	NA		
7.16	Toys intended to bear the mass of a child	NA		
7.17	Toys comprising monofilament fibres	NA		
7.18	Toy scooters	NA		
7.19	Rocking horses and similar toys	NA		
7.20	Magnetic/electrical experimental sets NA			
7.21	Toys with electrical cables exceeding 300mm in length			
7.22	Toys with cords or chains intended for children of 18 months and over but under 36 months	NA		
7.23	Toys intended to be attached to a cradle, cot or perambulator	NA		
7.24	Sledges with cords for pulling	NA		
7.25	Flying toys	NA		
7.26	Improvised projectiles NA			

Note: 1. NA = Not Applicable

2. NR = Not Requested

3. "\*" = The test sample(s) is received on Feb. 01, 2023.

Remark: Additional information according to the Toy Safety Directives 2009/48/EC requirement. These information also appears as a note within the EN71 but are not standard

requirements:

1. Marking

The manufacturer's and importer's name, registered trade name or registered trade mark, the address and the CE-marking shall be indicated on the toy or, where that is not possible, on its packaging or in a document accompany the toy. In addition, manufacturers shall ensure that their toys bear a type, batch, serial or model number or

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> other element allowing their identification, or where the size or nature of the toy does not allow it, that the required information is provided on the packaging or in a document accompanying the toy.

- Manufacturer's name was present and Manufacturer's address was present.
- Importer's name was present and Importer's address was present.
- CE-Marking was present.
- Product ID was present.
- 2. Cleaning instruction

A toy intended for use by children under 36 months must be designed and manufactured in such a way that it can be cleaned. The toy shall fulfill the safety requirements also after having been cleaned in accordance with this point and the manufacturer's instructions. The manufacturer should, if applicable, provided instructions on how the toy has to be

After checking, the cleaning instruction was not found on the submitted samples.

The submitted samples were undergone the use and abuse tests in accordance with the EN 71-1:2014+A1:2018

Testing Items	Parameter
Torque test	0.34Nm
Tension test	90N
Drop test	5×850mm
Tip-over test	3 Times
Compression test	110N
Impact test	1×1Kg×100mm
Soakingtest	Four times(4min for each cycle)



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Test Result(s):

Flammability - EN 71-2:2020<sup>n</sup>

Section	To skin or Manna	Assessment
	Testing Items	3
4.1	General requirements	PASS
4.2	Toys to be worn on the head	NA
4.3	Toy disguise costumes and toys intended to be worn by a child in play	NA
4.4	Toys intended to be entered by a child	NA
4.5	Soft-filled toys	NA

Note: 1. NA = Not Applicable.

#### Test Result(s):

Soluble Heavy Metal - EN 71-3:2019+A1:2021 (Category III)

Method: EN 71-3:2019+A1:2021, analyzed by Ion Chromatography-Ultraviolet-Visible Spectrometer (IC-UV) or Inductively coupled plasma mass spectrometry (ICP-MS) or Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OFS)

No.	Substances Name	CAS No.	Limit	Reporting Limit	Result (mg/kg)	
110.		G 15 110.	(mg/kg)	(mg/kg)	1	2
1	Soluble Aluminum (Al)	7429-90-5	28130	5	6	10
2	Soluble Antimony (Sb)	7440-36-0	560	5	N.D.	N.D.
3	Soluble Arsenic (As)	7440-38-2	47	2.5	N.D.	N.D.
4	Soluble Barium (Ba)	7440-39-3	18750	5	N.D.	N.D.
5	Soluble Boron (B)	7440-42-8	15000	5	N.D.	N.D.
6	Soluble Cadmium (Cd)	7440-43-9	17	5	N.D.	N.D.
7	Soluble Cobalt (Co)	7440-48-4	130	5	N.D.	N.D.
8	Soluble Copper (Cu)	7440-50-8	7700	5	N.D.	N.D.
9	Soluble CrIII "		460	2.0	N.D.	N.D.
10	Soluble CrVI <sup>n</sup>	18540-29-9	0.053	0.025	N.D.	N.D.

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11	Soluble Lead (Pb)	7439-92-1	23	5	N.D.	5
12	Soluble Manganese (Mn)	7439-96-5	15000	5	N.D.	N.D.
13	Soluble Mercury (Hg)	7439-97-6	94	5	N.D.	N.D.
14	Soluble Nickel (Ni)	7440-02-0	930	5	N.D.	N.D.
15	Soluble Organic tin		12	2.5	N.D.	N.D.
16	Soluble Selenium (Se)	7782-49-2	460	5	N.D.	N.D.
17	Soluble Strontium (Sr)	7440-24-6	56000	5	N.D.	N.D.
18	Soluble Tin (Sn)	7440-31-5	180000	2.5	N.D.	N.D.
19	Soluble Zinc (Zn)	7440-66-6	46000	5	N.D.	6
	Conclusion				PASS	PASS

#### NOTE:

- 1. mg/kg = milligram per kilogram (ppm).
- 2. N.D. = Not Detected (Less than Reporting Limit).
- 3. Migration of organic tin was calculated by summat ion of the migration values of Methyl tin, Dimethyl tin, Di-n-propyl tin, Butyl tin, Dibutyl tin, Tributyl tin, Tetrabutyl tin, n-Octyl tin, Di-n-octyl tin,Diphenyl tin,Triphenyl tin and was expressed as tributyltin cation content. however other organic tin compounds may also be present in the sample, The Toy Safety Directive (2009/48/EC) requirement covers total migratable organic tin.
- 4. The soluble organic tin was not conducted due to the soluble tin is not detected.
- 5. Soluble chromium (VI) test method: EN 71-3:2019+A1:2021 Annex F, analyzed by Ion Chromatograph Ultraviolet spectroscopy (IC-UV).
- Soluble organic tin test method: EN 71-3:2019+A1:2021 Annex G, analyzed by Gas Chromatography - Mass Spectroscopy (GC-MS).

#### **Test Material List**

Material No.	Sample Description	Location
1	Beige-white plastic	Toy body
2	Grey plastic	Toy body
3	Toy	Toy individual



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Photo(s) submitted by client:







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\*\*\*End of Report\*\*\*