



# Test Report

Report No. : UNIB24041510GR-01

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Applicant : Allthink Trading (Dongguan) Co., Ltd

Address : Room 302, Building 1, No. 9, Shadunzhuyuan Road, Chashan Town, Dongguan City,  
Guangdong Province, China

Name of sample : Baby toy

Receiving Date : May 15, 2024

Test Date : May 15, 2024-May 23, 2024

Test Address : No.47-3, Industrial Road, Zhushan, Dalong Street, Panyu District,  
Guangzhou, Guangdong, China

Test Method(s) : Please refer to next page(s)

Testing Item(s) : Please refer to next page(s)

Decision Basis : Please refer to next page(s)

Conclusion : Pass

Signed for and on behalf of  
Shenzhen United Testing Technology Co.,Ltd

Cheng Min Lu Aiqun

Cheng Min  
Approved Signatory

Lu Aiqun

May 30, 2024

Issue Date



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## 1、 Conclusion

The sample(s) was/were detected and according to the results, the conclusion are as follows:

Test Item(s)	Testing Standard(s)	Decision Basis	Conclusion
Mechanical and physical properties	EN 71-1:2014+A1:2018	EN 71-1:2014+A1:2018 <sup>[1]</sup>	Pass
Flammability	EN 71-2:2020	EN 71-2:2020 <sup>[1]</sup>	Pass
Soluble heavy elements content	EN 71-3:2019+A1:2021	EN 71-3:2019+A1:2021 <sup>[1]</sup>	Pass
Phthalates (DIBP,DBP,BBP,DEHP, DINP,DIDP,DNOP)	EN 14372: 2004	REACH Regulation-EC/1907/2006 ANNEX XVII Entry No.51 and No.52	Pass

**Note:** The Decision Basis in this standard is quoted from Toy Safety - Directive 2009/48/EC.

## 2、 Sample information(s)

The following information of sample(s) was/were submitted and identified by applicant:

Product Model : H000/W000/DX000/H071/H072/H073/H074/W004/W005/W006/W007/  
W008/W009/W010/D019/B045/DX065/DX066/H001

Lot No. : 20230100558

Sample Quantity : 16pcs

Manufacturer : Allthink Trading (Dongguan) Co., Ltd

Manufacturer Address : Room 302, Building 1, No. 9, Shadunzhuyuan Road, Chashan Town,  
Dongguan City, Guangdong Province, China

Age Grading : 0 years old+

### 3、Toy Physics Test Data

#### 3.1 Mechanical and physical properties

As per European Standard on Safety of toys EN71-1:2014+A1:2018

Age Group Assessed as Per Age Guideline: 0 years old +

Age Group Applied in Testing: 0 years old +

Labeled Age Group: 0 years old +

The submitted samples were undergone the following abuse tests:

Test	Clause	Parameter
Torque test	8.3	0.34 Nm
Tension test	8.4.2.1	(90±2) N
Tension test	8.4.2.2	(70±2) N
Drop test	8.5	(850±50) mm x 5 times
Impact test	8.7	1 kg x 1 time

Clause	Testing Items	Assessment
4.1	Material cleanliness	Pass
4.2	Assembly	N/A
4.3	Flexible plastic sheeting	N/A
4.4	Toy bags	N/A
4.5	Glass	N/A
4.6	Expanding materials	N/A
4.7	Edges	Pass
4.8	Points and metallic wires	Pass
4.9	Protruding parts	N/A
4.10	Parts moving against each other	Pass
4.11	Mouth-actuated toys and other toys intended to be put in the mouth	N/A
4.12	Balloons	N/A
4.13	Cords of toy kites and other flying toys	N/A
4.14	Enclosures	N/A
4.15	Toys intended to bear the mass of a child	N/A
4.16	Heavy immobile toys	N/A
4.17	Projectiles	N/A
4.18	Aquatic toys and inflatable toys	N/A
4.19	Percussion caps specifically designed for use in toys and toys using percussion caps	N/A





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



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Clause	Testing Items	Assessment
7.7	Projectiles toys	N/A
7.8	Imitation protective masks and helmets	N/A
7.9	Toy kites	N/A
7.10	Roller skates, inline skates, skateboards and certain other ride-on toys	N/A
7.11	Toys intended to be strung across a cradle, cot, or perambulator	Pass
7.12	Liquid filled teethingers	N/A
7.13	Percussion caps specifically designed for use in toys	N/A
7.14	Acoustics	N/A
7.15	Toy bicycles	N/A
7.16	Toys intended to bear the mass of a child	N/A
7.17	Toys comprising monofilament fibres	N/A
7.18	Toy scooters	N/A
7.19	Rocking horses and similar toys	N/A
7.20	Magnetic/electrical experimental sets	N/A
7.21	Toys with electrical cables exceeding 300 mm in length	N/A
7.22	Toys with cords or chains intended for children of 18months and over but under 36 months	N/A
7.23	Toys intended to be attached to a cradle, cot or perambulator	N/A
7.24	Sledges with cords for pulling	N/A
7.25	Flying toys	N/A
7.26	Improvised projectiles	N/A
8.2	Small parts cylinder	Pass
8.3	Torque test	Pass
8.4	Tension test	Pass
8.5	Drop test	Pass
8.6	Tip over test	N/A
8.7	Impact test	Pass
8.8	Compression test	N/A
8.9	Soaking test	N/A
8.10	Accessibility of a part or component	Pass
8.11	Sharpness of edges	N/A
8.12	Sharpness of points	Pass



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Clause	Testing Items	Assessment
8.13	Flexibility of metallic wires	N/A
8.14	Expanding materials	N/A
8.15	Leakage of liquid-filled toys	N/A
8.16	Geometric shape of certain toys	Pass
8.17	Durability of mouth-actuated toys	N/A
8.18	Folding or sliding mechanisms	N/A
8.19	Electric resistivity of cords	N/A
8.20	Cords cross-sectional dimension	N/A
8.21	Static strength	N/A
8.22	Dynamic strength	N/A
8.23	Stability	N/A
8.24	Kinetic energy of the projectile	N/A
8.25	Plastic sheeting	Pass
8.26	Brake performance	N/A
8.27	Strength of toy scooter steering tubes	N/A
8.29	Determination of maximum design speed of electrically-driven ride-on toys	N/A
8.30	Measurement of temperature rises	N/A
8.31	Toy chest lids	N/A
8.32	Small balls and suction cups test	N/A
8.33	Test for play figures	N/A
8.34	Tension test for magnets	N/A
8.35	Magnetic flux index	N/A
8.36	Perimeter of cords and chains	N/A
8.37	Yo-yo balls measurements	N/A
8.38	Breakaway feature separation test	N/A
8.39	Self-retracting cords	N/A
8.40	Length of cords, chains and electrical cables	Pass
8.41	Assessment of tangle potential of two cords or chains	N/A
8.42	Determination of projectile range	N/A
8.43	Assessment of leading parts of projectiles and flying toys	N/A
8.44	Length of suction cup projectiles	N/A



Remark: N/A = Not Applicable N/P = Not Performed

**Note: Labeling Requirements:2009/48/EC – Safety of Toys**

1. Toys made available on the market shall bear the CE marking. The CE marking shall be affixed visibly, legibly and indelibly to the toy, to an affixed label or to the packaging.
2. The manufacturer's name and registered trade name or registered trade mark and the address at which the manufacturer can be contacted shall be indicated on the toy or, where that is not possible, on its packaging or in a document accompanying the toy. This requirement applies also to the name and address etc. of any importer.
3. Manufacturers shall ensure that their toys bear a type, batch, serial or model number or other element allowing their identification, or where the size or natural.
4. Manufacturers and importers shall ensure that the toy is accompanied by instructions and safety information in a language or languages easily understood by consumers, as determined by the Member State concerned.

### 3.2 Flammability test

As per European Standard on Safety of toys EN71-2:2020

Clause	Testing Items	Assessment
4.1	General requirements	Pass
4.2	Toys to be worn on the head	N/A
4.3	Toy disguise costumes and toys intended to be worn by a child in play	N/A
4.4	Toy intended to be entered by a child	N/A
4.5	Soft -filled toys	Pass
5.2	Test relating to beards, moustaches, wigs, etc. made from pile, or flowing elements, which protrude 50mm or more from the surface of the toy.	N/A
5.3	Test relating to beards, moustaches, wigs, etc., made from pile or flowing elements, which protrude less than 50 mm from the surface of the toy, and full or partial moulded head masks.	N/A
5.4	Test relating to toys to be worn on the head (4.2.5), hoods, headdresses including upward protruding items and masks not covered by 4.2.4 which partially or fully cover the head (e.g. fabric and paperboard masks, eye masks, face masks), toy disguise costumes and toys intended to be worn or toys intended to be entered by a child.	N/A
5.5	Test for soft-filled toys and certain soft-filled parts of toy disguise costumes.	Pass

Remark: N/A = Not Applicable N/P = Not Performed

## 4、Soluble heavy elements content

The test method is EN 71-3:2019+A1:2021.

### 4.1 Test Part Description

No.	Description	Material	Category
M001	Gray fur	Polymer	Category III
M002	White fur	Polymer	Category III
M003	Pink fur	Polymer	Category III

**Note:** This table is used to identify each test part of the Sample. Different descriptions in the "Description" column are only used to distinguish each test part. "Material" column are only gives a simple Description of the material of each test part, which does not mean that this is the result of a material identification.

### 4.2 Test Results

#### 4.2.1 M001

Element	MDL	Result	Limit	Unit	Verdict
Aluminium (Al)	10.0	33	28130	mg/kg	Pass
Antimony (Sb)	10.0	ND	560	mg/kg	Pass
Arsenic (As)	0.8	ND	47	mg/kg	Pass
Barium (Ba)	10.0	ND	18750	mg/kg	Pass
Boron (B)	10.0	ND	15000	mg/kg	Pass
Cadmium (Cd)	0.2	ND	17	mg/kg	Pass
Chromium (III) [Cr (III)] <sup>[2]</sup>	5.0	ND	460	mg/kg	Pass
Chromium (VI) [Cr (VI)] <sup>[2]</sup>	0.005	ND	0.053	mg/kg	Pass
Cobalt (Co)	2.0	ND	130	mg/kg	Pass
Copper (Cu)	10.0	ND	7700	mg/kg	Pass
Lead (Pb)	0.5	ND	23	mg/kg	Pass
Manganese (Mn)	10.0	ND	15000	mg/kg	Pass
Mercury (Hg)	1.0	ND	94	mg/kg	Pass
Nickel (Ni)	5.0	ND	930	mg/kg	Pass
Selenium (Se)	5.0	ND	460	mg/kg	Pass
Strontium (Sr)	10.0	ND	56000	mg/kg	Pass
Tin (Sn)	1.0	ND	180000	mg/kg	Pass
Organic tin <sup>[1]</sup>	0.2	ND	12	mg/kg	Pass
Zinc (Zn)	10.0	ND	46000	mg/kg	Pass

#### Notes:

1.Organotins tested in this report include the following: Methyltin, Butyltin, Dibutyltin, Tributyltin, Tetra-butyltin, n-Octyltin, Di-n-octyltin, Di-n-propyltin, Diphenyltin, Triphenyltin, Dimethyltin. The same below.

2.The trivalent chromium content is the total chromium content minus hexavalent chromium.When the total chromium content is not detected, trivalent chromium is not detected.The same below.



**4.2.2 M002**

Element	MDL	Result	Limit	Unit	Verdict
Aluminium (Al)	10.0	29	28130	mg/kg	Pass
Antimony (Sb)	10.0	ND	560	mg/kg	Pass
Arsenic (As)	0.8	ND	47	mg/kg	Pass
Barium (Ba)	10.0	ND	18750	mg/kg	Pass
Boron (B)	10.0	ND	15000	mg/kg	Pass
Cadmium (Cd)	0.2	ND	17	mg/kg	Pass
Chromium (III) [Cr (III)]	5.0	ND	460	mg/kg	Pass
Chromium (VI) [Cr (VI)]	0.005	ND	0.053	mg/kg	Pass
Cobalt (Co)	2.0	ND	130	mg/kg	Pass
Copper (Cu)	10.0	ND	7700	mg/kg	Pass
Lead (Pb)	0.5	ND	23	mg/kg	Pass
Manganese (Mn)	10.0	ND	15000	mg/kg	Pass
Mercury (Hg)	1.0	ND	94	mg/kg	Pass
Nickel (Ni)	5.0	ND	930	mg/kg	Pass
Selenium (Se)	5.0	ND	460	mg/kg	Pass
Strontium (Sr)	10.0	ND	56000	mg/kg	Pass
Tin (Sn)	1.0	ND	180000	mg/kg	Pass
Organic tin	0.2	ND	12	mg/kg	Pass
Zinc (Zn)	10.0	ND	46000	mg/kg	Pass

**4.2.3 M003**

Element	MDL	Result	Limit	Unit	Verdict
Aluminium (Al)	10.0	28	28130	mg/kg	Pass
Antimony (Sb)	10.0	ND	560	mg/kg	Pass
Arsenic (As)	0.8	ND	47	mg/kg	Pass
Barium (Ba)	10.0	ND	18750	mg/kg	Pass
Boron (B)	10.0	ND	15000	mg/kg	Pass
Cadmium (Cd)	0.2	ND	17	mg/kg	Pass
Chromium (III) [Cr (III)]	5.0	ND	460	mg/kg	Pass
Chromium (VI) [Cr (VI)]	0.005	ND	0.053	mg/kg	Pass
Cobalt (Co)	2.0	ND	130	mg/kg	Pass
Copper (Cu)	10.0	ND	7700	mg/kg	Pass
Lead (Pb)	0.5	ND	23	mg/kg	Pass
Manganese (Mn)	10.0	ND	15000	mg/kg	Pass
Mercury (Hg)	1.0	ND	94	mg/kg	Pass
Nickel (Ni)	5.0	ND	930	mg/kg	Pass
Selenium (Se)	5.0	ND	460	mg/kg	Pass
Strontium (Sr)	10.0	ND	56000	mg/kg	Pass
Tin (Sn)	1.0	ND	180000	mg/kg	Pass
Organic tin	0.2	ND	12	mg/kg	Pass
Zinc (Zn)	10.0	ND	46000	mg/kg	Pass



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## Remarks:

- 1) 1mg/kg = 0.0001%
- 2) MDL=Method Detection Limit
- 3) ND= Not Detected(<MDL)

## 5、Phthalates contents test:

### 5.1 Test Part Description

No.	Description	Material
M001	Gray fur	Polymer
M002	White fur	Polymer
M003	Pink fur	Polymer

**Note:** This table is used to identify each test part of the Sample. Different descriptions in the "Description" column are only used to distinguish each test part. "Material" column are only gives a simple Description of the material of each test part, which does not mean that this is the result of a material identification.

### 5.2 Test Results

#### 5.2.1 M001

Test Item(s)	CAS No.	Method	MDL	Result	Limit	Unit	Verdict
DIBP	84-69-5	EN 14372: 2004	0.005	ND	0.1	%	Pass
BBP	85-68-7	EN 14372: 2004	0.005	ND	0.1	%	Pass
DBP	84-74-2	EN 14372: 2004	0.005	ND	0.1	%	Pass
DEHP	117-81-7	EN 14372: 2004	0.005	ND	0.1	%	Pass
Sum of (DIBP, BBP, DBP, DEHP)	--	--	--	ND	0.1	%	Pass
DNOP	117-84-0	EN 14372: 2004	0.005	ND	0.1	%	Pass
DINP	28553-12-0/ 68515-48-0	EN 14372: 2004	0.005	ND	0.1	%	Pass
DIDP	26761-40-0/ 68515-49-1	EN 14372: 2004	0.005	ND	0.1	%	Pass
Sum of (DNOP, DINP, DIDP)	--	--	--	ND	0.1	%	Pass



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## 5.2.2 M002

Test Item(s)	CAS No.	Method	MDL	Result	Limit	Unit	Verdict
DIBP	84-69-5	EN 14372: 2004	0.005	ND	0.1	%	Pass
BBP	85-68-7	EN 14372: 2004	0.005	ND	0.1	%	Pass
DBP	84-74-2	EN 14372: 2004	0.005	ND	0.1	%	Pass
DEHP	117-81-7	EN 14372: 2004	0.005	ND	0.1	%	Pass
Sum of (DIBP ,BBP,DBP,DEHP)	--	--	--	ND	0.1	%	Pass
DNOP	117-84-0	EN 14372: 2004	0.005	ND	0.1	%	Pass
DINP	28553-12-0/ 68515-48-0	EN 14372: 2004	0.005	ND	0.1	%	Pass
DIDP	26761-40-0/ 68515-49-1	EN 14372: 2004	0.005	ND	0.1	%	Pass
Sum of (DNOP,DINP,DIDP)	--	--	--	ND	0.1	%	Pass

## 5.2.3 M003

Test Item(s)	CAS No.	Method	MDL	Result	Limit	Unit	Verdict
DIBP	84-69-5	EN 14372: 2004	0.005	ND	0.1	%	Pass
BBP	85-68-7	EN 14372: 2004	0.005	ND	0.1	%	Pass
DBP	84-74-2	EN 14372: 2004	0.005	ND	0.1	%	Pass
DEHP	117-81-7	EN 14372: 2004	0.005	ND	0.1	%	Pass
Sum of (DIBP ,BBP,DBP,DEHP)	--	--	--	ND	0.1	%	Pass
DNOP	117-84-0	EN 14372: 2004	0.005	ND	0.1	%	Pass
DINP	28553-12-0/ 68515-48-0	EN 14372: 2004	0.005	ND	0.1	%	Pass
DIDP	26761-40-0/ 68515-49-1	EN 14372: 2004	0.005	ND	0.1	%	Pass
Sum of (DNOP,DINP,DIDP)	--	--	--	ND	0.1	%	Pass

### Notes:

- 1) 1mg/kg = 0.0001%
- 2) MDL=Method Detection Limit
- 3) ND= Not Detected(<MDL)
- 4) "--"=No Testing or Blank or Not applicable



## 6、Sample Photo(s)

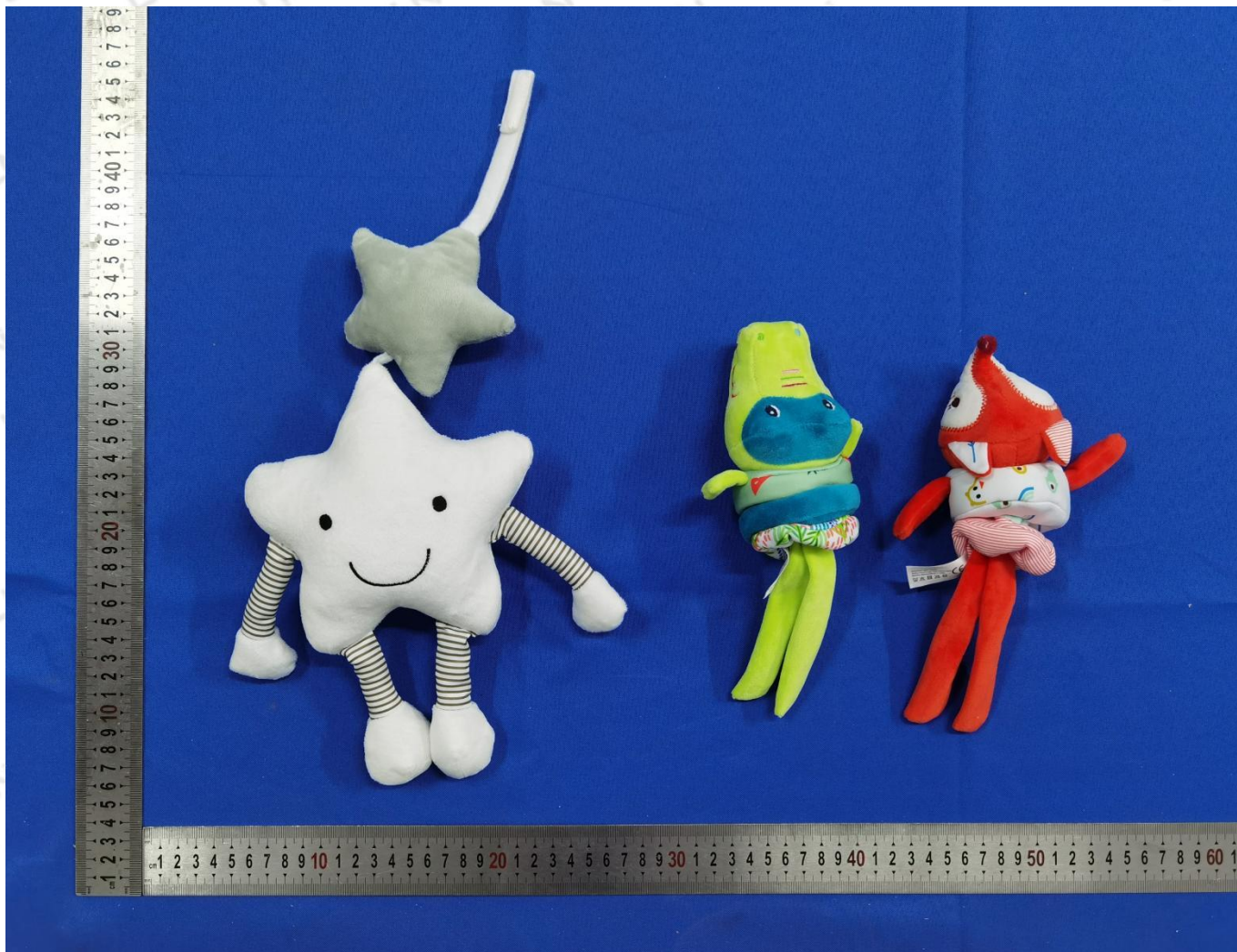

























Product Label			
Product Name	Baby Toy	Generation:	Over 0 years old
Model number	W004		
Manufacturer	Allthink Trading (Dongguan) Co., Ltd		
Manufacture Address	Room 302, Building 1, No. 9, Shadunzhuyuan Road, Chashan Town, Dongguan City, Guangdong Province, China		
Place of product	Room 302, Building 1, No. 9, Shadunzhuyuan Road, Chashan Town, Dongguan City, Guangdong Province, China		
Manufacture Date	Dec.01.2023	Batch no	20230100558
<p>1. A crib mobile is intended for visual stimulation and is not intended to be grasped by the child.</p> <p>2. If attached to the crib or playpen, remove when baby begins to push up on hands and knees. If so designed, mount on wall or ceiling clearly out of a standing baby's reach.</p> <p>3. If mounted on a wall or ceiling, install the mobile clearly out of a standing baby's reach.</p> <p>4. Always attach all provided fasteners (strings, straps, clamps, etc.) tightly to a crib or playpen according to the instructions. Check frequently.</p> <p>5. Do not add additional strings or straps to attach to a crib or playpen.</p> <p>"Warning. To prevent possible injury by entanglement, remove this toy when the child starts trying to get up on its hands and knees in a crawling position."</p>			
		<div style="border: 1px solid black; padding: 5px;"> <p><b>⚠ WARNING:</b></p> <p>Possible entanglement injury. Keep out of baby's reach. Remove mobile from crib or playpen when baby begins to push up on hands and knees.</p> </div>	
Made in china			



Sample pictures are only used to inform the applicant that the samples received and tested in our laboratory are shown in the picture

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



## Statement

- 1、 This report must have the signature of the authorized signatory and the special seal of the report, otherwise it will be considered invalid. If there is no anti-counterfeiting electronic seal of the laboratory in the report in PDF format or it is displayed as "X", the report is invalid.
- 2、 This report shall not be modified, added or deleted without authorization.
- 3、 The results of this report are only valid for the samples provided by Applicant to our laboratory for inspection (That is, samples received by our laboratory. Without special explanation, it refers to the samples presented in the report "Sample Photo(s)").
- 4、 If there is any objection to the test data and conclusions of this report, please submit it in writing within 10 working days after the date of issuance of the report.
- 5、 Without the written consent of the company, this report shall not be copied (except for full copy), nor shall it be used as publicity materials or advertising.
- 6、 The cover of the report is for decoration only, not included in the body of the report.
- 7、 The paper report issued by our company has the same effect as the electronic report. In case of any difference between the two, the electronic report shall prevail.
- 8、 The Chinese and English reports issued by our company have the same effect. In case of any difference in understanding, the Chinese version shall prevail.
- 9、 Please provide the complete report documents issued by our company when inquiring the report.
- 10、 For cases where compliance is determined based on test values, when relevant specifications, standards, documents, and customers have no relevant requirements and no other special instructions, the test report issued by this laboratory is carried out in full value and adopts ILAC-G8:09 /2019 "Simple Acceptance Rule" for judgment.

有限公司