

TEST REPORT

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Applicant : Wenzhou Kutao Toys Co.,Ltd.
Address : Tianyuan Village, Qiaoxia Town, Yongjia County, Wenzhou City, Zhejiang Province, China 325106
Manufacturer's name : Wenzhou Kutao Toys Co.,Ltd.
Address : Tianyuan Village, Qiaoxia Town, Yongjia County, Wenzhou City, Zhejiang Province, China 325106

Report on the submitted samples said to be:

Sample Name : Multi-function Slide
Trade Mark : N/A
Model : EDS033-1, EDS033-2, EDS033-3, EDS033-4, EDS033-5, EDS033-6, EDS033-7, EDS033-8
Labeled Age Grading : Over 6 months
Age Group Applied in Testing : Over 6 months
Testing Period : April 17, 2024 ~ April 19, 2024
Date of issue : April 23, 2024
Results : Please refer to next page(s).

TEST REQUEST

(1) For compliance with the European Standard on Safety of Toys
EN 71-1:2014+A1:2018-Mechanical and Physical Properties
EN 71-2:2020-Flammability
EN 71-3:2019+A1:2021-Migration of Certain Elements
(2) Safety of toys - Part 8: Activity toys for domestic use

CONCLUSION

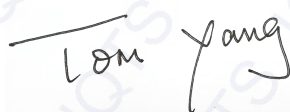
Pass

Pass

Pass

Pass

Signed for and on behalf of IQTS



Tom Yang



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Results:

A.1. EN 71-1:2014+A1:2018 - Mechanical and Physical Properties

Section	Description	Result
4	General Requirements	
4.1	Material cleanliness	Pass
4.2	Assembly	NA
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	NA
4.9	Protruding parts	Pass
4.10	Parts moving against each other	NA
4.10.1	Folding and sliding mechanisms	Pass
4.10.2	Driving mechanisms	NA
4.10.3	Hinges	NA
4.10.4	Springs	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	Pass
4.15	Toys intended to bear the mass of a child	Pass
4.16	Heavy immobile toys	NA
4.17	Projectiles	NA
4.18	Aquatic toys and inflatable toys	NA
4.19	Percussion caps specifically designed for use in toys and toys using percussion caps	NA
4.20	Acoustics	NA
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	NA
5.1	General requirements	NA
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



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<u>Section</u>	<u>Description</u>	<u>Result</u>
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	NA
5.9	Toys comprising monofilament fibres	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	Pass
7	Marking and instructions for use	Pass

USE AND ABUSE TESTS

The samples were undergo the tests in accordance with section 8.3 through 8.13, whichever is applicable	
Clause	Test parameters
8.3 Torque test	0.34N.m
8.4 Tension test	90N
8.5 Drop test	5*850mm

Remark:

NA = Not Applicable;

As per client's requirement, the sample(s) was evaluated for use by children 3+.



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A.2. EN 71-2:2020- Flammability of Toys

Clause	Description	Result
4	Requirements	
4.1	General	Pass
4.2	Toys to be worn on the head	NA
4.2.1	General	NA
4.2.2	Beards, moustaches, wigs, etc, made from hair, pile or material with similar features (e.g. freehanging ribbons, paper or cloth strands), which protrude more than or equal to 50 mm from the surface of the toy	NA
4.2.3	Beards, moustaches, wigs etc. made from hair, pile or material with similar features (e.g. freehanging ribbons, paper or cloth strands etc.), which protrude less than 50 mm from the surface of the toy	NA
4.2.4	Full or partial moulded head masks	NA
4.2.5	Flowing elements of toys to be worn on the head (except those covered by 4.2.2 and 4.2.3), hoods, head-dresses etc. and fabric masks which partially or fully cover the head, but excluding those items covered by 4.3	NA
4.3	Toys disguise costumes and other 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 (animals and dolls, etc) with a piled or textile surface	NA

NA = Not Applicable

Summary table:

	On product	On packaging
Washing/Cleaning instruction	provide	provide
CE mark	provide	provide
Manufacturer's name	provide	provide
Manufacturer's address	provide	provide
Importer's name	provide	provide
Importer's address	provide	provide
Product ID	provide	provide



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Remark:

1. Washing/Cleaning label According to Directive 2009/48/EC the following safety requirements apply regarding cleaning and washing: A toy intended for use by children under 36 months must be designed and manufactured in such a way that it can be cleaned. A textile toy must, to this end, be washable, except if it contains a mechanism that may be damaged if soak washed. The toy must fulfill the safety requirements also after having been cleaned in accordance with this point and the manufacturer's instructions. The manufacturer should, if applicable, provide instructions on how the toy has to be cleaned.
2. Toys made available on the market must bear the CE marking The CE marking must be subject to the general principles set out in Article 30 of Regulation (EC)No 765/2008. The CE marking must be affixed visibly, legibly and indelibly to the toy, to an affixed label or to the packaging. In the case of small toys and toys consisting of small parts, the CE marking may alliteratively be affixed to a label or an accompanying leaflet. Where, in the case of toys sold in counter displays, that is not technically possible, and on condition that the counter display was originally used as packaging for the toy, the CE marking may be affixed to the counter display. Where the CE marking is not visible from outside the packaging, if any, it shall as a minimum be affixed to the packaging. Where specific legislation does not impose specific dimensions, the CE marking must be at least 5 mm high.
3. The manufacturer's name, registered trade name or registered trade mark and the address at which the manufacturer can be contacted must 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.
4. Manufacturers must ensure that their toys bear a type, batch, serial or model number or 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.

A.3. EN 71-3:2019+A1:2021-Migration of Certain Elements

Tested part(s):

- (1) Grey plastic
- (2) White plastic
- (3) Blue plastic

Category III Scraped-off materials

Test method: With reference to EN 71-3:2019:A1:2021. Analysis was performed by inductively coupled plasma atomic emission spectrometer (ICP-OES)



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Test Item(s)	Results (mg/kg)	MDL (mg/kg)	Permissible Limit(mg/kg)
	1+2+3		
Soluble Aluminum (Al)	N.D.	10	SEE REMARK
Soluble Antimony (Sb)	N.D.	1	
Soluble Arsenic (As)	N.D.	0.1	
Soluble Barium (Ba)	N.D.	10	
Soluble Boron (B)	N.D.	10	
Soluble Cadmium (Cd)	N.D.	1	
Soluble Chromium III (Cr(III))	N.D.	1	
Soluble Chromium VI (Cr(VI))	N.D.	0.001	
Soluble Cobalt (Co)	N.D.	1	
Soluble Copper (Cu)	N.D.	1	
Soluble Lead (Pb)	N.D.	1	
Soluble Manganese (Mn)	N.D.	10	
Soluble Mercury (Hg)	N.D.	1	
Soluble Nickel (Ni)	N.D.	1	
Soluble Selenium (Se)	N.D.	1	
Soluble Strontium (Sr)	N.D.	10	
Soluble Tin (Sn)	N.D.	5	
Soluble Organic Tin	N.D.	0.1	
Soluble Zinc (Zn)	N.D.	10	



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Remark: Migration limit

Element	Category I Dry, brittle, powder, like or pliable materials	Category II Liquid or sticky materials	Category III Scraped-off materials
Soluble Aluminum (Al)	2250	560	70000
Soluble Antimony (Sb)	45	11.3	560
Soluble Arsenic (As)	3.8	0.9	47
Soluble Barium (Ba)	1500	375	18750
Soluble Boron (B)	1200	300	15000
Soluble Cadmium (Cd)	1.3	0.3	17
Soluble Chromium III (Cr(III))	37.5	9.4	460
Soluble Chromium VI (Cr(VI))	0.02	0.005	0.053
Soluble Cobalt (Co)	10.5	2.6	130
Soluble Copper (Cu)	622.5	156	7700
Soluble Lead (Pb)	2.0	0.5	23
Soluble Manganese (Mn)	1200	300	15000
Soluble Mercury (Hg)	7.5	1.9	94
Soluble Nickel (Ni)	75	18.8	930
Soluble Selenium (Se)	37.5	9.4	460
Soluble Strontium (Sr)	4500	1125	56000
Soluble Tin (Sn)	15000	3750	180000
Soluble Organic Tin	0.9	0.2	12
Soluble Zinc (Zn)	3750	938	46000

Note:

- N.D. = Not Detected or less than MDL
- MDL = Method Detection Limit
- mg/kg = ppm
- --- = Not Regulated
- Flow chart appendix is included.
- Photo appendix is included.



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B.Safety of toys - Part 8: Activity toys for domestic use

Section	Description	Result
4.1	General Requirements	
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	Pass
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	Pass
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
	Stability of activity toys with a free height of fall of 600 mm or less	Pass
	Stability of activity toys with a free height of fall of more than 600 mm	N/A
4.5	Slides	Pass
4.5.1	General	Pass
	Stability of slides	Pass
	Retaining sides for slides	Pass
	Starting, sliding and run-out sections on slides	Pass
4.6	Swings	Pass
4.6.1	Stability of swings and other activity toys with crossbeams	Pass
4.6.1.1	General	Pass
4.6.1.2	Swings and other activity toys with crossbeams more than 1 200 mm above the ground	Pass
4.6.1.3	Swings and other activity toys with crossbeams 1 200 mm or less above the ground	N/A
4.6.2	Static strength of crossbeams, swing devices and suspension connectors	Pass
4.6.3	Swings intended for children under 36 months	Pass
4.6.4	Minimum clearance between adjacent swing elements, and adjacent structures	Pass
4.6.5	Lateral stability of swing elements	Pass
4.6.6	Minimum clearance between swing elements and the ground	Pass



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<u>Section</u>	<u>Description</u>	<u>Result</u>
4.6.7	Suspension connectors and swing devices	Pass
4.6.8	Impact, geometry and design of swing elements	Pass
4.6.8.1	General	Pass
4.6.8.2	Impact from swing elements	Pass
4.6.8.3	Geometry and design of swing elements	Pass
4.6.8.4	Falling protection of swings with double seats	Pass
4.7	See-saws	Pass
4.7.1	Stability of see-saws	Pass
4.7.2	Seat/stand height	Pass
4.7.3	Restraint of motion	Pass
4.7.4	Pinching and crushing of fingers and toes	Pass
4.7.5	Hand supports	Pass
4.8	Carousels and rocking activity toys	Pass
4.9	Paddling pools	Pass
4.9.1	Static strength of paddling pools with non-inflatable walls	Pass
4.9.2	Paddling pools with inflatable walls	Pass
5	Warnings, markings, and instructions	Pass
5.1	Warnings and markings	Pass
5.1.1	General	Pass
5.1.2	Paddling pools	Pass
5.2	Assembly and installation instructions	Pass
5.3	Maintenance	Pass

Remark:

NA = Not Applicable;



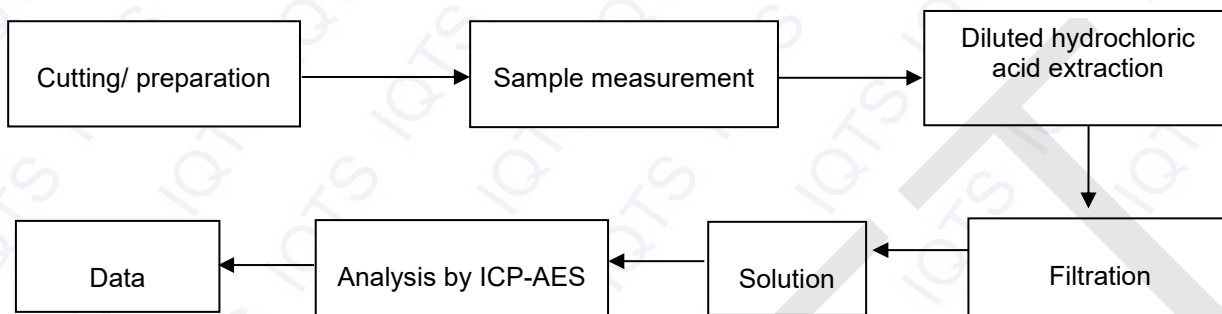
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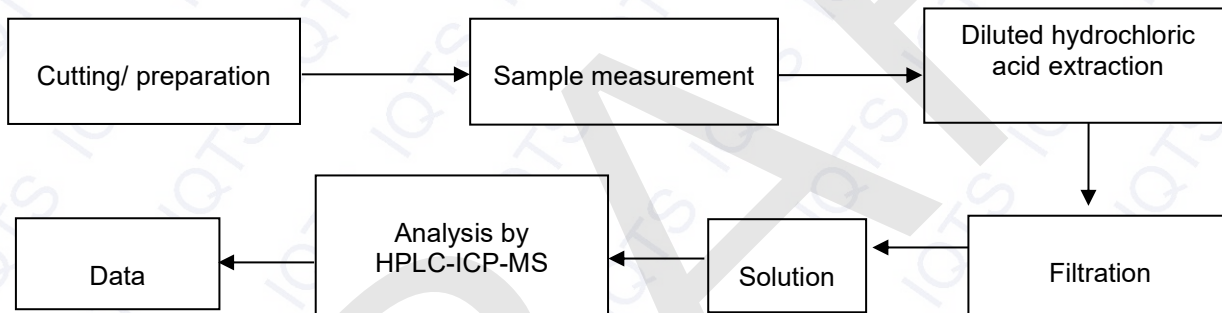
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Appendix

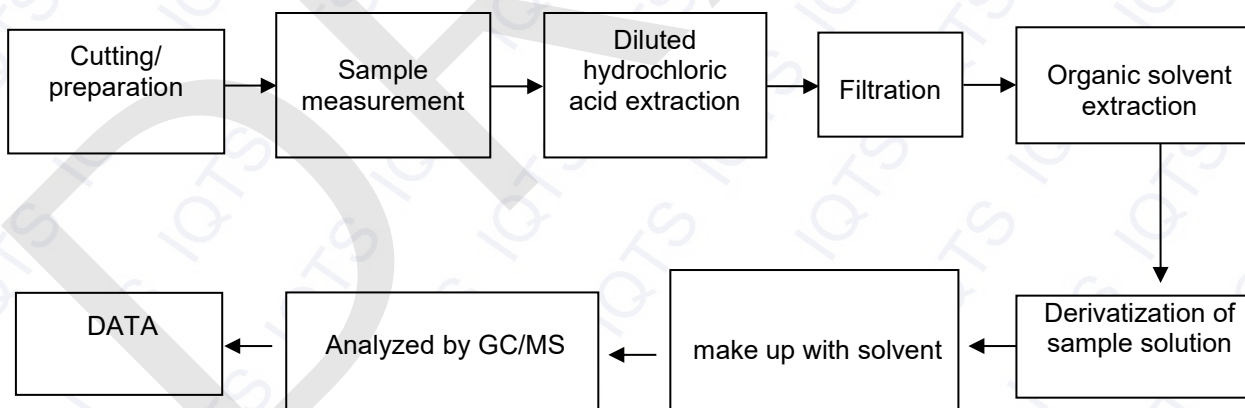
(1) Test Flow Chart for Migration of 19 Heavy Metals- Lead, Cadmium, Chromium, Mercury, Antimony, Barium, Arsenic, Selenium, Aluminum, Boron, Cobalt, Copper, Manganese, Nickel, Strontium, Zinc and Tin.



(2)Test Flow Chart for Migration of Chromium(III)and Chromium(VI):



(3)Test Flow Chart for Migration of Organic Tin Compounds:





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The photo of the sample



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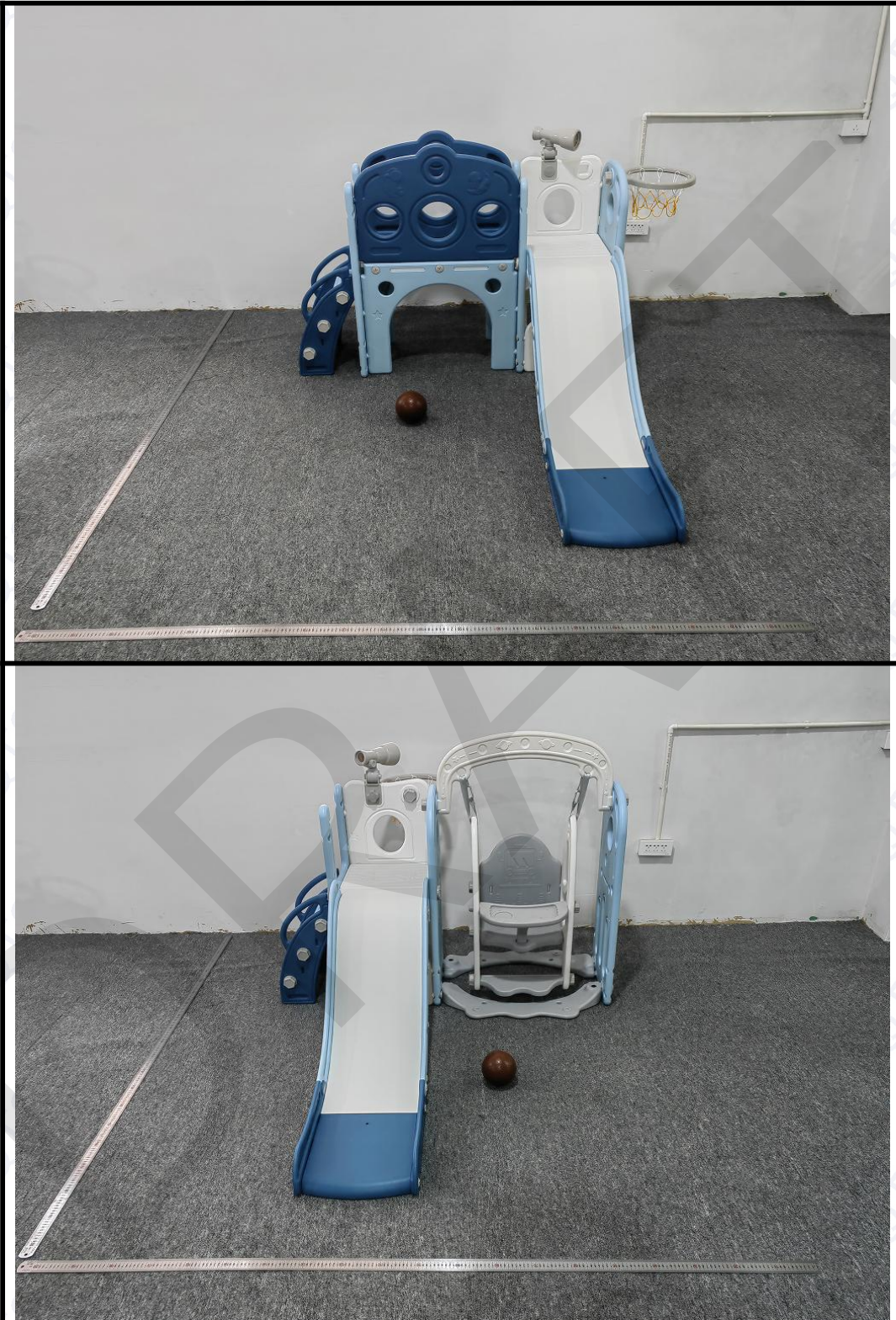
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Product Name:	Multi-function Slide
Manufacturer:	Wenzhou Kutao Toys Co.,Ltd.
Manufacturer Address:	Tianyuan Village, Qiaoxia Town Yongjia County,Wenzhou City,Zhejiang Province, China 325106
Importer:	ZHE JIANG YOUBI INC
Importer Address:	15801 VALLEY BOULEVARD, CITY OF INDUSTRY CA 91744
Age of application:	Over 6 months
Batch:	20240329
Date of manufacture:	March.28.2024

MADE IN CHINA



WARNING:

CHOKING HAZARD—small parts.

Not for children under 3 years.

IQTS authenticate the photo on original report only

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

Statement:

1. The test report is considered invalidated without approval signature, special seal on the perforation.
2. The result(s) shown in this report refer only to the sample(s) tested.
3. Without written approval of IQTS, this report can't be reproduced except in full.
4. The sample(s) and sample information was/were provided by the client who should be responsible for the authenticity which IQTS hasn't verified.
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