



中国认可  
国际互认  
检测  
TESTING  
CNAS L4735

# Test Report

No.: AJT230508047E

Applicant Name : XINGTAI TIANTAI TOYS CO., LTD  
Applicant Address : HE GU MIAO ZHEN GAO FU ZHEN CUN, PINGXIANG COUNTY, XINGTAI CITY, HEBEI PROVINCE

The following samples were submitted and identified by/on behalf of the client as:

Sample Description : TWO WHEEL SCOOTER  
Item No. : 7799  
Client Specified Age Grade : 7+  
Tested Age Grade : Over 7 years (the test age grade is applied by client)  
Sample Received Date : 2023-05-08  
Testing Completed Date : 2023-05-16

Test Conducted: As required by the client, please refer to the following page(s) for details.

Test Requested :	Conclusion
European Standard on Safety of Toys:	
EN71-1:2014+A1:2018 Mechanical and Physical Properties	PASS (see remark)
EN71-2:2020 Flammability	PASS
EN71-3:2019+A1:2021 - Migration of Certain Elements	PASS (see note)

Remark: Per client's request, sections 4.15.5.4.c & 4.15.5.5 of EN71-1:2014+A1:2018 were not evaluated.

Signed for and on behalf of  
AJT TESTING SERVICES LIMITED

TESTING SERVICES LIMITED  
报告专用章  
Senior Technical Representative  
CNAS Approved Signatory

2023-05-16

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## Test Results:

### Mechanical and physical properties

- As Specified in European Standard on Safety of Toys EN71-1:2014+A1:2018.

Section	Description	Result(s)
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 & 7.6	Edges	Pass
4.8 & 7.6	Points and metallic wires	Pass
4.8e	Splinters	NA
4.9	Protruding parts	Pass
4.10	Parts moving against each other	
4.10.1	Folding and sliding mechanisms	NA
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 & 7.3	Balloons	NA
4.13 & 7.9	Cord of toy kites and other flying toys	NA
4.14	Enclosures	
4.14.1	Toys which a child can enter	NA

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Section	Description	Result(s)
4.14.2 & 7.8	Masks and helmets	NA
4.15	Toys intended to bear the mass of a child	
4.15.1	Toys propelled by a child or by other means	Pass
4.15.1.2 & 7.10.1 & 7.10.2 & 7.10.3 & 7.10.4 & 7.16	Warnings and Instructions for use	NA
4.15.1.3	Strength	Pass
4.15.1.4	Stability	NA
4.15.1.5	Braking	NA
4.15.1.6	Transmission and wheel arrangement	Pass
4.15.1.7	Adjustable seat pillar and handlebar stem minimum insertion marks	NA
4.15.1.8	Electrically-driven ride-on toys	NA
4.15.2	Toy bicycles	
4.15.2.2 & 7.15	Warnings and instructions for use	NA
4.15.2.3	Braking requirements	NA
4.15.3 & 7.16 & 7.19	Rocking horses and similar toys	NA
4.15.4 & 7.16	Toys not propelled by a child	NA
4.15.5 & 7.18	Toy scooters	Pass (see remark)
4.16	Heavy immobile toys	NA
4.17	Projectile toys	
4.17.1	General	NA
4.17.2	All projectiles	NA
4.17.3 & 7.7	Projectile toys with stored energy	NA
4.17.4 & 7.26	Certain projectile toys without stored energy	NA
4.18 & 7.4	Aquatic toys and inflatable toys	NA

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Section	Description	Result(s)
4.19 & 7.13 & 7.14	Percussion caps specifically designed for use in toys and toys using percussion caps	NA
4.20.2.1-4.20.2.5* 4.20.2.6-4.20.2.8, 4.20.2.10, 4.20.2.12*	Acoustics	NA
4.20.2.9, 4.20.2.11 & 7.14	Acoustics – percussion toys & cap-firing toys	NA
4.21	Toys containing a non-electrical heat source	NA
4.22 & 7.2	Small balls	NA
4.23	Magnets	
4.23.2 a, b & c	Toys other than magnetic / electrical experimental sets intended for children over 8 years	NA
4.23.3 & 7.20	Magnetic / electrical experimental sets intended for children over 8 years	NA
4.24	Yo-yo ball	NA
4.25	Toys attached to food	NA
4.26	Toy Disguise Costumes	NA
4.27	Flying toys	
4.27.1	General	NA
4.27.2 & 7.25.1	Rotors and propellers on flying toys	NA
4.27.3 & 7.25.2	Rotors and propellers on remote controlled flying toys	NA
5	Toys intended for children under 36 months	
5.1	General requirements	NA
5.1a	Small parts – as received	NA
5.1b	Small parts, sharp points, sharp edges – after tests	NA
5.1c	Cross section <2mm metal points & wires	NA
5.1e	Toys contain glue	NA
5.1f	Casing of toys	NA

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Section	Description	Result(s)
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	
5.4.1	General	NA
5.4.2	Cords and chains in toys intended for children under 18 months	NA
5.4.3 & 7.22	Cords and chains in toys intended for children of 18 months or over but under 36 months	NA
5.4.4	Fixed loops, tangled loops and nooses	NA
5.4.5	Cords and chains on pull along toys	NA
5.4.6 & 7.21	Electrical cables	NA
5.4.7	Cross-sectional dimension of certain cords	NA
5.4.8	Self-retracting cords	NA
5.4.9 & 7.11 & 7.23	Toys attached to or intended to be strung across a cradle, cot or perambulator	NA
5.5 & 7.12	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	NA
5.9 & 7.17	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 & 7.24	Sledges with cords for pulling	NA

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Section	Description	Result(s)
6	Packaging	Pass
7	Warnings, markings and instructions for use	
7.1	General	Pass
7.2	Toys not intended for children under 36 months	NA
7.5	Functional toys	NA

## Remark:

According to toy safety directive 2009/48/EC, the following information about marking of toys should be presented:

The CE Marking shall be affixed visibly and indelibly to the toy, to an affixed label or to the packaging. The CE Marking shall be at least 5 mm high.

The manufacturer's and importer's name, 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.

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 nature of the toy does not allow it, that required information is provided on the packaging or in a document accompanying the toy.

## Flammability

- As Specified in European Standard on Safety of Toys EN71-2:2020.

Section	Description	Result(s)
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

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## Specimen List:

No.	Description
1	Black coating
2	Black soft plastic (handle)
3	Black soft plastic (tyre)
4	Black plastic (baffle of the back wheel)
5	White plastic with black solid and sticky solid

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As per EN71-3:2019+A1:2021 and followed by Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES), Inductively Coupled Plasma Mass Spectrometry (ICP-MS), Ion Chromatography- Inductively Coupled Plasma-Mass Spectrometry (IC-ICP-MS), Ion Chromatography- Ultraviolet / Diode-Array-Detector (IC-UV/DAD), and Gas Chromatographic - Mass Spectrometry.

Category (III): Scrapped-off toy materials

Test item(s)	Results (mg/kg)					Reporting limit (mg/kg)	Standard limit (mg/kg)
	1	2	3	4	5		
Aluminium(Al)	2241	ND	ND	ND	ND	100	28130
Antimony(Sb)	ND	ND	ND	ND	ND	10	560
Arsenic(As)	ND	ND	ND	ND	ND	10	47
Barium(Ba)	ND	ND	ND	ND	ND	100	18750
Boron(B)	ND	ND	ND	ND	ND	100	15000
Cadmium(Cd)	ND	ND	ND	ND	ND	5	17
Chromium (III) (Cr III)	ND	ND	ND	ND	ND	10	460
Chromium (VI) (Cr VI)	ND	ND	ND	ND	ND	0.0025	0.053
Cobalt(Co)	ND	ND	ND	ND	ND	10	130
Copper(Cu)	ND	ND	ND	ND	ND	100	7700
Lead(Pb)	ND	ND	ND	ND	ND	5	23
Manganese (Mn)	ND	ND	ND	ND	ND	100	15000
Mercury(Hg)	ND	ND	ND	ND	ND	10	94
Nickel(Ni)	241	ND	ND	ND	ND	10	930
Selenium(Se)	ND	ND	ND	ND	ND	10	460
Strontium(Sr)	188	ND	ND	ND	ND	100	56000
Tin(Sn)	6.4	2.6	2.8	ND	3.3	2.5	180000
Organic Tin	ND <sup>#</sup>	ND <sup>#</sup>	ND <sup>#</sup>	ND	ND <sup>#</sup>	0.2	12
Zinc(Zn)	ND	ND	ND	ND	ND	100	46000

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Note(s):

- ND = Not Detected (less than reporting limit)
- NA = Not Applicable
- " \* " The item is not in the scope of CNAS.
- mg/kg = milligram per kilogram
- Migration of Chromium (III) = Migration of total Chromium – Migration of Chromium (VI)
- Unless the test result is marked with " # ", Organic tin were derived from migration results of total tin respectively.
- " # " Confirmation test was performed on the tested component. The reported value was the sum converted Tributyl tin of Methyl tin (MeT), Dimethyl tin (DMT), Butyl tin (BuT), Dibutyl tin (DBT), Tributyl tin (TBT), Tetra butyl tin (TeBT), Monooctyl tin (MOT), Dioctyl tin (DOT), Dipropyl tin (DPROT), Diphenyl tin (DPHT) and Triphenyl tin (TPHT).
- As requested by the applicant. Toxic elements content test was conducted only components listed in this report. Other components were not tested.

Sample Photo(s):



## END OF TEST REPORT

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