



中国认可
国际互认
检测
TESTING
CNAS L5033



Test Report

Report No.: TS23040406



Verify authenticity

Applicant

YIWU ZHIHUIXING TOYS CO., LTD

Address

189 QIUSHI ROAD, BEIYUAN DISTRICT,
YIWU, ZHEJIANG, CHINA

Report Date

2023-05-12

Hangzhou C&K Testing Technic Co., Ltd.



Hangzhou C&K Testing Technic Co., Ltd

Add:1/F,No.4 Building, Huaye Hi-Tech Industrial Park, No.1180, Bin'an Road, Binjiang District, Hangzhou 310052, China
Lab Add: 4/F No.3 and 1/F No.4 Building, Huaye Hi-Tech Industrial Park, No.1180, Bin'an Road, Binjiang District, Hangzhou 310052, China
Hotline:4006-721-723 Tel:+86 571-8720 6535 Fax:+86 571-8990 0719 E-mail:test@cirs-group.com Website:www.cirs-ck.com

Test Report

Applicant	YIWU ZHIHUIXING TOYS CO., LTD
Address	189 QIUSHI ROAD, BEIYUAN DISTRICT, YIWU, ZHEJIANG, CHINA
Sample Name	Children's Electric Car
Type/ Model	/
Material/Colour	/
Other Info.	/
The sample information included above and test component(s) are provided and confirmed by the applicant	
Sample Received Date	2023-04-11
Test Period	2023-04-11~ 2023-05-12
Test Requirement	To determine the following items in the submitted sample(s) according to the client's requirement.

Test Item(s)	Test Result(s)
Electric toys-Safety -EN IEC 62115:2020+A11:2020 Electric toys-Safety (not include clause 19 Radiation,toxicity and similar hazards)	Pass
Physical and Mechanical Hazards-EN 71-1:2014+A1:2018	Pass
Flammability of Toys-EN 71-2:2020	Pass
Cadmium (Cd) Content- Annex XVII of Regulation (EC) No 1907/2006	Pass
Phthalates Content- Annex XVII of Regulation (EC) No 1907/2006	Pass
Migration of certain elements- EN 71-3:2019+A1:2021 Category III Scraped-off materials	Pass

Prepared by: Meng Qi
Meng Qi

Reviewed by: Li Xuefeng
Li Xuefeng

Accredited
Signatory by: Li Changhai
Li Changhai
Issue date: 2023-05-12

Test Component(s):

No.	Sample Serial No.	Test Component(s)	Type/Model	Material/Colour	Other Info.
001	TS23040406001	Children's Electric Car	8852	/	/
002	TS23040406002	Children's Electric Car 1	8852	/	/
003	TS23040406003	Children's Electric Car 2	8852	/	/
004	TS23040406004	Children's Electric Car	8866(Robot)	/	/
005	TS23040406005	Children's Electric Car 1	8866(Robot)	/	/
006	TS23040406006	Children's Electric Car 2	8866(Robot)	/	/
007	TS23040406007	Children's Electric Car	8858	/	/
008	TS23040406008	Children's Electric Car 1	8858	/	/
009	TS23040406009	Children's Electric Car 2	8858	/	/
010	TS23040406010	Children's Electric Car	8858	/	/
011	TS23040406011	Children's Electric Car 1	8858	/	/
012	TS23040406012	Children's Electric Car 2	8858	/	/
013	TS23040406013	Children's Electric Car	8858	/	/
014	TS23040406014	Children's Electric Car 1	8858	/	/
015	TS23040406015	Children's Electric Car 2	8858	/	/
016	TS23040406016	Children's Electric Car	8858	/	/
017	TS23040406017	Children's Electric Car 1	8858	/	/
018	TS23040406018	Children's Electric Car 2	8858	/	/
019	TS23040406019	Children's Electric Car	8851	/	/
020	TS23040406020	Children's Electric Car 1	8851	/	/
021	TS23040406021	Children's Electric Car 2	8851	/	/
022	TS23040406022	Children's Electric Car	backhoe	/	/
023	TS23040406023	Children's Electric Car 1	backhoe	/	/
024	TS23040406024	Children's Electric Car 2	backhoe	/	/
025	TS23040406025	Children's Electric Car	8867	/	/
026	TS23040406026	Children's Electric Car 1	8867	/	/
027	TS23040406027	Children's Electric Car 2	8867	/	/

Photo(s):



TS23040406001



TS23040406002-003



TS23040406004



TS23040406005-006



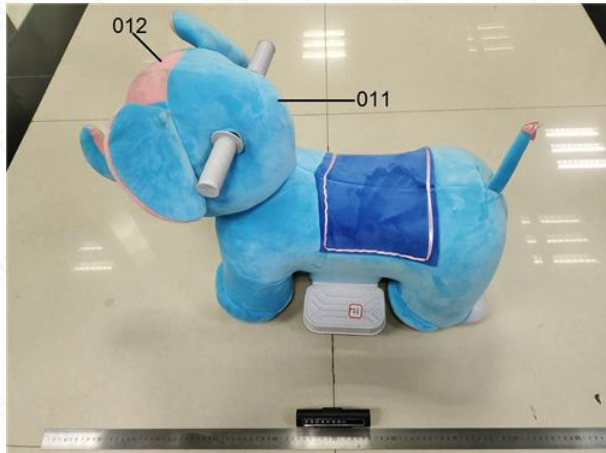
TS23040406007



TS23040406008-009



TS23040406010



TS23040406011-012



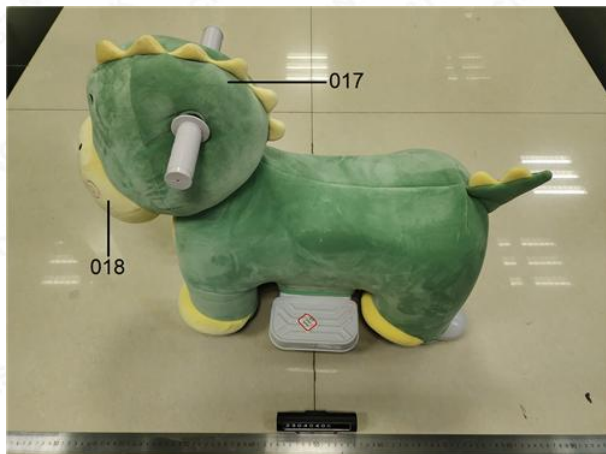
TS23040406013



TS23040406014-015



TS23040406016



TS23040406017-018



TS23040406019



TS23040406020-021



TS23040406022



TS23040406023-024



TS23040406025



TS23040406026-027

Test Result(s):
Electric toys-Safety*²

Labeled age	36-95 months	Testing age	36-95 months
--------------------	--------------	--------------------	--------------

Clause	Test Item(s)	Test Result(s)
		001
7	Marking and instructions	Pass
8	Power input	Not Applicable
9	Heating and abnormal operation	Pass
10	Electric strength	Pass
11	Electric toys used in water, electric toys used with liquid and electric toys cleaned with liquid	Not Applicable
12	Mechanical strength	Pass
13	Construction	Pass
14	Protection of cords and wires	Pass
15	Components	Pass
16	Screws and connections	Pass
17	Clearance and creepage distances	Pass
18	Resistance to heat and fire	Pass

Remarks:

1. *²: The above test items are not in the laboratory qualification range, completed by subcontracting laboratory Ningbo Customs District Technology Center (CNAS No.: L0317).

Physical and Mechanical Hazards*¹

Test Method: EN 71-1:2014+A1:2018

Labeled Age Grade	3 years old and above	Age Requested on Application Form	36 months+	Age Grade Applied in Testing	36 months+
--------------------------	-----------------------	--	------------	-------------------------------------	------------

Clause	Test Item(s)	Test Result(s)
		001, 004, 007, 010, 013, 016, 019, 022, 025
4	General requirements	
4.1	Material cleanliness (by visual assessment)	Pass
4.2	Assembly	Pass
4.3	Flexible plastics sheeting	Not Applicable
4.4	Toy Bags	Not Applicable
4.5	Glass	Not Applicable
4.6	Expanding Materials	Not Applicable
4.7	Edges	Pass
4.8	Points and Metallic Wires	Pass
4.9	Protruding parts	Pass
4.10	Parts moving against each other:	
4.10.1	Folding and sliding mechanisms	Not Applicable
4.10.2	Driving mechanisms	Pass
4.10.3	Hinges	Not Applicable
4.10.4	Springs	Not Applicable
4.11	Mouth-actuated toys and other toys intended to be put in the mouth	Not Applicable
4.12	Balloons	Not Applicable
4.13	Cords of toy kites and other flying toys	Not Applicable
4.14	Enclosures	
4.14.1	Toys which a child can enter	Not Applicable
4.14.2	Masks and helmets	Not Applicable
4.15	Toys intended to bear the mass of a child:	
4.15.1	Toys propelled by a child or by other means	Pass
4.15.2	Toy bicycles	Not Applicable
4.15.3	Rocking horses and similar toys	Not Applicable
4.15.4	Toys not propelled by a child	Not Applicable
4.15.5	Toy scooters	Not Applicable
4.16	Heavy immobile toys	Not Applicable
4.17	Projectile toys	
4.17.1	General	Not Applicable
4.17.2	All projectiles	Not Applicable

Hangzhou C&K Testing Technic Co., Ltd

Add:1/F,No.4 Building, Huaye Hi-Tech Industrial Park, No.1180, Bin'an Road, Binjiang District, Hangzhou 310052, China

Lab Add: 4/F No.3 and 1/F No.4 Building, Huaye Hi-Tech Industrial Park, No.1180, Bin'an Road, Binjiang District, Hangzhou 310052, China

Hotline:4006-721-723 Tel:+86 571-8720 6535 Fax:+86 571-8990 0719 E-mail:test@cirs-group.com Website:www.cirs-ck.com

Clause	Test Item(s)	Test Result(s)
		001, 004, 007, 010, 013, 016, 019, 022, 025
4.17.3	Projectile toys with stored energy	Not Applicable
4.17.4	Gertain projectile toys without stored energy	Not Applicable
4.18	Aquatic toys and inflatable toys	Not Applicable
4.19	Percussion caps specifically designed for use in toys and toys using percussion caps	Not Applicable
4.20	Acoustics:	001, 004, 019, 022, 025: Pass; Others: Not Applicable
4.20.2.1	General	001, 004, 019, 022, 025: Pass; Others: Not Applicable
4.20.2.2	Close-to-the-ear toys	Not Applicable
4.20.2.3	Table-top or floor toys	001, 004, 019, 022, 025: Pass; Others: Not Applicable
4.20.2.4	Hand-held toys	Not Applicable
4.20.2.5	Toys using headphones or earphones	Not Applicable
4.20.2.6	Rattles	Not Applicable
4.20.2.7	Squeeze toys	Not Applicable
4.20.2.8	Pull-along or push toys	Not Applicable
4.20.2.9	Percussion toys	Not Applicable
4.20.2.10	Wind toys	Not Applicable
4.20.2.11	Cap-firing toys	Not Applicable
4.20.2.12	Voice toys	Not Applicable
4.21	Toys containing a non-electrical heat source	Not Applicable
4.22	Small balls	Not Applicable
4.23	Magnets	Not Applicable
4.24	Yo-yo balls	Not Applicable
4.25	Toys attached to food	Not Applicable
4.26	Toy Disguise Costumes	Not Applicable
4.27	Flying toys	
4.27.1	General	Not Applicable
4.2.2	Rotors and propellers on flying toys	Not Applicable
4.27.3	Rotors and propellers on remote controlled flying toys	Not Applicable
5	Toys intended for children under 36 months	
5.1	General requirements	Not Applicable
5.2	Soft-filled toys and soft-filled parts of a toy	Not Applicable

Clause	Test Item(s)	Test Result(s)
		001, 004, 007, 010, 013, 016, 019, 022, 025
5.3	Plastic sheeting	Not Applicable
5.4	Cords, chains and electrical cables in toys	Not Applicable
5.5	Liquid-filled toys	Not Applicable
5.6	Speed limitation of electrically-driven ride-on toys	Not Applicable
5.7	Glass and porcelain	Not Applicable
5.8	Shape and size of certain toys	Not Applicable
5.9	Toys comprising monofilament fibres	Not Applicable
5.10	Small balls	Not Applicable
5.11	Play figures	Not Applicable
5.12	Hemispheric-shaped toys	Not Applicable
5.13	Suction cups	Not Applicable
5.14	Straps intended to be worn fully or partially around the neck	Not Applicable
5.15	Sledges with cords for pulling	Not Applicable
6	Packaging	Pass
7	Warnings, markings and instructions for use	
7.1	General	Pass
7.2	Toys not intended for children under 36 months	Pass
7.3	Latex balloons	Not Applicable
7.4	Aquatic toys	Not Applicable
7.5	Functional toys	Not Applicable
7.6	Hazardous sharp functional edges and points	Not Applicable
7.7	Projectile toys	Not Applicable
7.8	Imitation protective masks and helmets	Not Applicable
7.9	Toy kites	Not Applicable
7.10	Roller skates, inline skates, skateboards and certain other ride-on toys	Pass
7.11	Toys otherwise intended to be strung across a cradle, cot, or perambulator	Not Applicable
7.12	Liquid-filled teethingers	Not Applicable
7.13	Percussion caps specifically designed for use in toys	Not Applicable
7.14	Acoustics	Not Applicable
7.15	Toy bicycles	Not Applicable
7.16	Toys intended to bear the mass of a child	Not Applicable
7.17	Toys comprising monofilament fibres	Not Applicable
7.18	Toy scooters	Not Applicable
7.19	Rocking horses and similar toys	Not Applicable
7.20	Magnetic/electrical experimental sets	Not Applicable
7.21	Toys with electrical cables exceeding 300 mm in length	Not Applicable

Clause	Test Item(s)	Test Result(s)
		001, 004, 007, 010, 013, 016, 019, 022, 025
7.22	Toys with cords or chains intended for children of 18 months and over but under 36 months	Not Applicable
7.23	Toys intended to be attached to a cradle, cot or perambulator	Not Applicable
7.24	Sledges with cords for pulling	Not Applicable
7.25	Flying toys	
7.25.1	Flying toys	Not Applicable
7.25.2	Remote controlled flying toys	Not Applicable
7.26	Improvised projectiles	Not Applicable

Remarks:

1. *¹: The above test items are completed by subcontracting laboratory Eurofins Product Testing Service (Shanghai) Co., Ltd Hangzhou Branch (CNAS No.: L8278).

Flammability of Toys*¹

Test Method: EN 71-2:2020

Clause	Test Item(s)	Test Result(s)
		001, 004, 007, 010, 013, 016, 019, 022, 025
4	Requirements	
4.1	General Requirements	Pass
4.2	Toys to be worn on the head	Not Applicable
4.3	Toy disguise costumes and toys intended to be worn by a child in play	Not Applicable
4.4	Toys intended to be entered by a child.	Not Applicable
4.5	Soft-filled toys (Sample was not tested if its maximum dimension is 150mm or less.)	Not Applicable

Remarks:

1. *¹: The above test items are completed by subcontracting laboratory Eurofins Product Testing Service (Shanghai) Co., Ltd Hangzhou Branch (CNAS No.: L8278).

Cadmium (Cd) Content

Test Item(s)	Test Method	Limit	MDL	Unit	Test Result(s)	
					002	003
Cadmium (Cd) *	EN 1122:2001	<100	5	mg/kg	N.D.	N.D.

Remarks:

1. MDL = Method Detection Limit; N.D. = Not detected (<MDL)
2. *: The above test items are not in the laboratory CNAS qualification range.

Phthalates Content

Test Item(s)	Test Method	Limit	MDL	Unit	Test Result(s)	
					002	003
Butylbenzylphthalate(BBP)	EN 14372:2004	/	0.001	%	N.D.	N.D.
Di-(2-ethylhexyl)-phthalate(DEHP)	EN 14372:2004	/	0.001	%	0.003	N.D.
Dibutylphthalate(DBP)	EN 14372:2004	/	0.001	%	N.D.	N.D.
Diisobutyl phthalate(DIBP)*	Refer to EN 14372:2004	/	0.001	%	N.D.	N.D.
SUM (DIBP+DBP+BBP+DEHP)	EN 14372:2004	<0.1	0.004	%	N.D.	N.D.
Di-iso-decylphthalate(DIDP)	EN 14372:2004	/	0.005	%	N.D.	N.D.
Di-iso-nonylphthalate(DINP)	EN 14372:2004	/	0.005	%	N.D.	N.D.
Di-n-octyl phthalate(DNOP)	EN 14372:2004	/	0.001	%	N.D.	N.D.
SUM (DNOP+DINP+DIDP)	EN 14372:2004	<0.1	0.011	%	N.D.	N.D.

Remarks:

1. MDL = Method Detection Limit; N.D. = Not detected (<MDL)
2. *: The above test items are not in the laboratory CNAS qualification range.

Migration of certain elements

Test Item(s)	Test Method	Limit	MDL	Unit	Test Result(s)			
					002	003	005	006
Soluble Aluminum (Al)	EN71-3:2019+A1:2021	≤28130	5	mg/kg	N.D.	N.D.	N.D.	N.D.
Soluble Antimony (Sb)	EN71-3:2019+A1:2021	≤560	5	mg/kg	N.D.	N.D.	N.D.	N.D.
Soluble Arsenic (As)	EN71-3:2019+A1:2021	≤47	0.5	mg/kg	N.D.	N.D.	N.D.	N.D.
Soluble Barium (Ba)	EN71-3:2019+A1:2021	≤18750	5	mg/kg	N.D.	N.D.	N.D.	N.D.
Soluble Boron (B)	EN71-3:2019+A1:2021	≤15000	5	mg/kg	N.D.	N.D.	N.D.	N.D.
Soluble Cadmium (Cd)	EN71-3:2019+A1:2021	≤17	0.5	mg/kg	N.D.	N.D.	N.D.	N.D.
Soluble Chromium (III) (CrIII) *	EN71-3:2019+A1:2021	≤460	5	mg/kg	N.D.	N.D.	N.D.	N.D.
Soluble Chromium (VI) (CrVI) *	EN71-3:2019+A1:2021	≤0.053	0.005	mg/kg	N.D.	N.D.	N.D.	N.D.
Soluble Cobalt (Co)	EN71-3:2019+A1:2021	≤130	0.5	mg/kg	N.D.	N.D.	N.D.	N.D.
Soluble Copper (Cu)	EN71-3:2019+A1:2021	≤7700	5	mg/kg	N.D.	N.D.	N.D.	N.D.
Soluble Lead (Pb)	EN71-3:2019+A1:2021	≤23	0.5	mg/kg	N.D.	N.D.	N.D.	N.D.
Soluble Manganese (Mn)	EN71-3:2019+A1:2021	≤15000	5	mg/kg	N.D.	N.D.	N.D.	N.D.
Soluble Mercury (Hg)	EN71-3:2019+A1:2021	≤94	0.5	mg/kg	N.D.	N.D.	N.D.	N.D.
Soluble Nickel (Ni)	EN71-3:2019+A1:2021	≤930	5	mg/kg	N.D.	N.D.	N.D.	N.D.
Soluble Selenium (Se)	EN71-3:2019+A1:2021	≤460	5	mg/kg	N.D.	N.D.	N.D.	N.D.
Soluble Strontium (Sr)	EN71-3:2019+A1:2021	≤56000	5	mg/kg	N.D.	N.D.	N.D.	N.D.
Soluble Tin (Sn)	EN71-3:2019+A1:2021	≤180000	5	mg/kg	N.D.	N.D.	N.D.	N.D.
Soluble Organic Tin	EN71-3:2019+A1:2021	≤12	0.2	mg/kg	N.D.	N.D.	N.D.	N.D.
Soluble Zinc (Zn)	EN71-3:2019+A1:2021	≤46000	5	mg/kg	N.D.	N.D.	N.D.	N.D.

Remarks:

1. MDL = Method Detection Limit; N.D. = Not detected (<MDL)
2. *: The above test items are not in the laboratory CNAS qualification range.

Migration of certain elements

Test Item(s)	Test Method	Limit	MDL	Unit	Test Result(s)			
					008	009	011	012
Soluble Aluminum (Al)	EN71-3:2019+A1:2021	≤28130	5	mg/kg	N.D.	N.D.	25	30
Soluble Antimony (Sb)	EN71-3:2019+A1:2021	≤560	5	mg/kg	N.D.	N.D.	N.D.	N.D.
Soluble Arsenic (As)	EN71-3:2019+A1:2021	≤47	0.5	mg/kg	N.D.	N.D.	N.D.	N.D.
Soluble Barium (Ba)	EN71-3:2019+A1:2021	≤18750	5	mg/kg	N.D.	N.D.	N.D.	N.D.
Soluble Boron (B)	EN71-3:2019+A1:2021	≤15000	5	mg/kg	N.D.	N.D.	N.D.	N.D.
Soluble Cadmium (Cd)	EN71-3:2019+A1:2021	≤17	0.5	mg/kg	N.D.	N.D.	N.D.	N.D.
Soluble Chromium (III) (CrIII) *	EN71-3:2019+A1:2021	≤460	5	mg/kg	N.D.	N.D.	N.D.	N.D.
Soluble Chromium (VI) (CrVI) *	EN71-3:2019+A1:2021	≤0.053	0.005	mg/kg	N.D.	N.D.	N.D.	N.D.
Soluble Cobalt (Co)	EN71-3:2019+A1:2021	≤130	0.5	mg/kg	N.D.	N.D.	N.D.	N.D.
Soluble Copper (Cu)	EN71-3:2019+A1:2021	≤7700	5	mg/kg	N.D.	N.D.	N.D.	N.D.
Soluble Lead (Pb)	EN71-3:2019+A1:2021	≤23	0.5	mg/kg	N.D.	N.D.	0.6	0.7
Soluble Manganese (Mn)	EN71-3:2019+A1:2021	≤15000	5	mg/kg	N.D.	N.D.	N.D.	N.D.
Soluble Mercury (Hg)	EN71-3:2019+A1:2021	≤94	0.5	mg/kg	N.D.	N.D.	N.D.	N.D.
Soluble Nickel (Ni)	EN71-3:2019+A1:2021	≤930	5	mg/kg	N.D.	N.D.	N.D.	N.D.
Soluble Selenium (Se)	EN71-3:2019+A1:2021	≤460	5	mg/kg	N.D.	N.D.	N.D.	N.D.
Soluble Strontium (Sr)	EN71-3:2019+A1:2021	≤56000	5	mg/kg	N.D.	N.D.	N.D.	N.D.
Soluble Tin (Sn)	EN71-3:2019+A1:2021	≤180000	5	mg/kg	N.D.	N.D.	N.D.	N.D.
Soluble Organic Tin	EN71-3:2019+A1:2021	≤12	0.2	mg/kg	N.D.	N.D.	N.D.	N.D.
Soluble Zinc (Zn)	EN71-3:2019+A1:2021	≤46000	5	mg/kg	N.D.	N.D.	14	14

Remarks:

1. MDL = Method Detection Limit; N.D. = Not detected (<MDL)
2. *: The above test items are not in the laboratory CNAS qualification range.

Migration of certain elements

Test Item(s)	Test Method	Limit	MDL	Unit	Test Result(s)			
					014	015	017	018
Soluble Aluminum (Al)	EN71-3:2019+A1:2021	≤28130	5	mg/kg	N.D.	N.D.	13	24
Soluble Antimony (Sb)	EN71-3:2019+A1:2021	≤560	5	mg/kg	N.D.	N.D.	N.D.	N.D.
Soluble Arsenic (As)	EN71-3:2019+A1:2021	≤47	0.5	mg/kg	N.D.	0.7	N.D.	N.D.
Soluble Barium (Ba)	EN71-3:2019+A1:2021	≤18750	5	mg/kg	N.D.	N.D.	N.D.	N.D.
Soluble Boron (B)	EN71-3:2019+A1:2021	≤15000	5	mg/kg	N.D.	N.D.	N.D.	N.D.
Soluble Cadmium (Cd)	EN71-3:2019+A1:2021	≤17	0.5	mg/kg	N.D.	N.D.	N.D.	N.D.
Soluble Chromium (III) (CrIII) *	EN71-3:2019+A1:2021	≤460	5	mg/kg	N.D.	N.D.	N.D.	N.D.
Soluble Chromium (VI) (CrVI) *	EN71-3:2019+A1:2021	≤0.053	0.005	mg/kg	N.D.	N.D.	N.D.	N.D.
Soluble Cobalt (Co)	EN71-3:2019+A1:2021	≤130	0.5	mg/kg	N.D.	N.D.	N.D.	N.D.
Soluble Copper (Cu)	EN71-3:2019+A1:2021	≤7700	5	mg/kg	N.D.	N.D.	N.D.	N.D.
Soluble Lead (Pb)	EN71-3:2019+A1:2021	≤23	0.5	mg/kg	N.D.	N.D.	1.3	0.8
Soluble Manganese (Mn)	EN71-3:2019+A1:2021	≤15000	5	mg/kg	N.D.	N.D.	N.D.	N.D.
Soluble Mercury (Hg)	EN71-3:2019+A1:2021	≤94	0.5	mg/kg	N.D.	N.D.	N.D.	N.D.
Soluble Nickel (Ni)	EN71-3:2019+A1:2021	≤930	5	mg/kg	N.D.	N.D.	N.D.	N.D.
Soluble Selenium (Se)	EN71-3:2019+A1:2021	≤460	5	mg/kg	N.D.	N.D.	N.D.	N.D.
Soluble Strontium (Sr)	EN71-3:2019+A1:2021	≤56000	5	mg/kg	N.D.	N.D.	N.D.	N.D.
Soluble Tin (Sn)	EN71-3:2019+A1:2021	≤180000	5	mg/kg	N.D.	N.D.	N.D.	N.D.
Soluble Organic Tin	EN71-3:2019+A1:2021	≤12	0.2	mg/kg	N.D.	N.D.	N.D.	N.D.
Soluble Zinc (Zn)	EN71-3:2019+A1:2021	≤46000	5	mg/kg	N.D.	N.D.	6	7

Remarks:

1. MDL = Method Detection Limit; N.D. = Not detected (<MDL)
2. *: The above test items are not in the laboratory CNAS qualification range.

Migration of certain elements

Test Item(s)	Test Method	Limit	MDL	Unit	Test Result(s)			
					020	021	023	024
Soluble Aluminum (Al)	EN71-3:2019+A1:2021	≤28130	5	mg/kg	N.D.	N.D.	N.D.	N.D.
Soluble Antimony (Sb)	EN71-3:2019+A1:2021	≤560	5	mg/kg	N.D.	N.D.	N.D.	N.D.
Soluble Arsenic (As)	EN71-3:2019+A1:2021	≤47	0.5	mg/kg	0.8	N.D.	N.D.	N.D.
Soluble Barium (Ba)	EN71-3:2019+A1:2021	≤18750	5	mg/kg	N.D.	N.D.	N.D.	N.D.
Soluble Boron (B)	EN71-3:2019+A1:2021	≤15000	5	mg/kg	N.D.	N.D.	N.D.	N.D.
Soluble Cadmium (Cd)	EN71-3:2019+A1:2021	≤17	0.5	mg/kg	N.D.	N.D.	N.D.	N.D.
Soluble Chromium (III) (CrIII) *	EN71-3:2019+A1:2021	≤460	5	mg/kg	N.D.	N.D.	N.D.	N.D.
Soluble Chromium (VI) (CrVI) *	EN71-3:2019+A1:2021	≤0.053	0.005	mg/kg	N.D.	N.D.	N.D.	N.D.
Soluble Cobalt (Co)	EN71-3:2019+A1:2021	≤130	0.5	mg/kg	N.D.	N.D.	N.D.	N.D.
Soluble Copper (Cu)	EN71-3:2019+A1:2021	≤7700	5	mg/kg	N.D.	N.D.	N.D.	N.D.
Soluble Lead (Pb)	EN71-3:2019+A1:2021	≤23	0.5	mg/kg	N.D.	N.D.	N.D.	N.D.
Soluble Manganese (Mn)	EN71-3:2019+A1:2021	≤15000	5	mg/kg	N.D.	N.D.	N.D.	N.D.
Soluble Mercury (Hg)	EN71-3:2019+A1:2021	≤94	0.5	mg/kg	N.D.	N.D.	N.D.	N.D.
Soluble Nickel (Ni)	EN71-3:2019+A1:2021	≤930	5	mg/kg	N.D.	N.D.	N.D.	N.D.
Soluble Selenium (Se)	EN71-3:2019+A1:2021	≤460	5	mg/kg	N.D.	N.D.	N.D.	N.D.
Soluble Strontium (Sr)	EN71-3:2019+A1:2021	≤56000	5	mg/kg	N.D.	N.D.	N.D.	N.D.
Soluble Tin (Sn)	EN71-3:2019+A1:2021	≤180000	5	mg/kg	N.D.	N.D.	N.D.	N.D.
Soluble Organic Tin	EN71-3:2019+A1:2021	≤12	0.2	mg/kg	N.D.	N.D.	N.D.	N.D.
Soluble Zinc (Zn)	EN71-3:2019+A1:2021	≤46000	5	mg/kg	N.D.	N.D.	N.D.	N.D.

Remarks:

1. MDL = Method Detection Limit; N.D. = Not detected (<MDL)
2. *: The above test items are not in the laboratory CNAS qualification range.

Migration of certain elements

Test Item(s)	Test Method	Limit	MDL	Unit	Test Result(s)	
					026	027
Soluble Aluminum (Al)	EN71-3:2019+A1:2021	≤28130	5	mg/kg	N.D.	N.D.
Soluble Antimony (Sb)	EN71-3:2019+A1:2021	≤560	5	mg/kg	N.D.	N.D.
Soluble Arsenic (As)	EN71-3:2019+A1:2021	≤47	0.5	mg/kg	N.D.	0.7
Soluble Barium (Ba)	EN71-3:2019+A1:2021	≤18750	5	mg/kg	N.D.	N.D.
Soluble Boron (B)	EN71-3:2019+A1:2021	≤15000	5	mg/kg	N.D.	N.D.
Soluble Cadmium (Cd)	EN71-3:2019+A1:2021	≤17	0.5	mg/kg	N.D.	N.D.
Soluble Chromium (III) (CrIII) *	EN71-3:2019+A1:2021	≤460	5	mg/kg	N.D.	N.D.
Soluble Chromium (VI) (CrVI) *	EN71-3:2019+A1:2021	≤0.053	0.005	mg/kg	N.D.	N.D.
Soluble Cobalt (Co)	EN71-3:2019+A1:2021	≤130	0.5	mg/kg	N.D.	N.D.
Soluble Copper (Cu)	EN71-3:2019+A1:2021	≤7700	5	mg/kg	N.D.	N.D.
Soluble Lead (Pb)	EN71-3:2019+A1:2021	≤23	0.5	mg/kg	N.D.	N.D.
Soluble Manganese (Mn)	EN71-3:2019+A1:2021	≤15000	5	mg/kg	N.D.	N.D.
Soluble Mercury (Hg)	EN71-3:2019+A1:2021	≤94	0.5	mg/kg	N.D.	N.D.
Soluble Nickel (Ni)	EN71-3:2019+A1:2021	≤930	5	mg/kg	N.D.	N.D.
Soluble Selenium (Se)	EN71-3:2019+A1:2021	≤460	5	mg/kg	N.D.	N.D.
Soluble Strontium (Sr)	EN71-3:2019+A1:2021	≤56000	5	mg/kg	N.D.	N.D.
Soluble Tin (Sn)	EN71-3:2019+A1:2021	≤180000	5	mg/kg	N.D.	N.D.
Soluble Organic Tin	EN71-3:2019+A1:2021	≤12	0.2	mg/kg	N.D.	N.D.
Soluble Zinc (Zn)	EN71-3:2019+A1:2021	≤46000	5	mg/kg	N.D.	N.D.

Remarks:

1. MDL = Method Detection Limit; N.D. = Not detected (<MDL)
2. *: The above test items are not in the laboratory CNAS qualification range.

Statement:

- I This report is invalid without the signature of accredited signatory. Any alteration to this report is also invalid.
- II This report is invalid without the special seal of inspection & testing.
- III This report shall not be part copy without written approval of Hangzhou C&K Testing Technic Co., Ltd..
- IV Any commercial activity such as advertising or propaganda is not allowed without authorization of Hangzhou C&K Testing Technic Co., Ltd..
- V The test results shown in this report refer only to the sample submitted by applicant.
- VI Please respond to Hangzhou C&K Testing Technic Co., Ltd. within fifteen working days upon receipt of this report if there is any objection.
- VII Hangzhou C&K Testing Technic Co., Ltd. guarantee that we shall not disclose information such as the commercial information, technical documents or test report to any third party.
- VIII The applicant should undertake the legal responsibility that result from providing untruth information.
- IX This report is only for scientific research, teaching, internal quality control of enterprises, etc without the seal of China Metrology Accreditation.
- X The quantity of the sample does not meet the requirements of retest and arbitration, it shall be regarded as the customer waiving the right of retest and arbitration.

The end of report