



中国认可  
国际互认  
检测  
TESTING  
CNAS L5950

# Test Report

No.:SPF19031867

Date: Jun. 18, 2019

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SUKEDA TOYS FACTORY

CHENGHAI DISTRICT, SHANTOU CITY, GUANGDONG PROVINCE, CHINA

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

Name of Product/Item : Dinosaur

Item No. : K500-20, K500-21, K500-22, K500-23, K500-24, K500-25, K500-26, K500-27, K500-28, K500-29, S500-20, S500-21, S500-22, S500-23, S500-24, S500-25, S500-26, S500-27, S500-28, S500-29.

Requested Age Grading : 3+

Age Group Applied in Testing: 3+

Sample Received Date: Jun. 15, 2019

Testing Period: From Jun. 15, 2019 to Jun. 18, 2019

## Test Requested

For compliance with the European Standard on Safety of Toys:

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

-EN 71-2: 2011 + A1:2014 - Flammability of Toys

-EN 71-3: 2013 + A3:2018 - Migration of Certain Elements

## Result

PASS

PASS

PASS

Tested by : Alan

Wang CanLing, Alan

Inspected by : Wendy

Zhang WenXia, Wendy

Approved by : Jee

Zhang Feng, Jee  
Lab Manager



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## Results:

### EN71-1: Mechanical and Physical Properties

As specified in European standard on safety of toys EN 71-1:2014+A1:2018

<u>Section</u>	<u>Description</u>	<u>Result</u>
4	General requirements	
4.1	Material cleanliness.....	P
4.2	Assembly.....	NA
4.3	Flexible plastic sheet.....	NA
4.4	Toy bags.....	NA
4.5	Glass.....	NA
4.6	Expanding Material.....	NA
4.7	Edges.....	P
4.8	Points and metallic wires.....	P
4.9	Protruding parts.....	P
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
4.15	Toys intended to bear the mass of a child.....	NA
4.16	Heavy immobile toys.....	NA
4.17	Projectiles toys.....	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 ball.....	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 requirement.....	NA
5.2	Soft-filled toys and soft-filled parts of a toy.....	NA
5.3	Plastic sheeting.....	NA

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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.....	NA
5.9	Toys comprising monofilament fibres.....	NA
5.10	Small ball.....	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 and instructions for use	P
7.1	General.....	P
7.2	Toys not intended for children under 36 months.....	P
7.3	Latex balloons.....	NA
7.4	Aquatic toys.....	NA
7.5	Functional toys.....	NA
7.6	Hazardous sharp functional edges and points.....	NA
7.7	Projectiles.....	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	Toy intended to be strung across a cradle, cot, or perambulator .....	NA
7.12	Liquid-filled teethingers.....	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 child.....	NA
7.17	Toys comprising monofilament fibres.....	NA
7.18	Toy scooter.....	NA
7.19	Rocking horses and similar toys.....	NA
7.20	Magnetic/electrical experimental sets.....	NA
7.21	Toys with electrical cables exceeding 300 mm in length.....	NA
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

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7.24	Sledges with cords for pulling.....	NA
7.25	Flying toys.....	NA
7.26	Improvised projectiles.....	NA

Remark: P = Pass                      F = Fail                      NA = Not Applicable  
 NC = Not Conducted (According to customer requirement, no evaluation of this clause)

**Note:**

According to Directive 2009/48/EC, toys made available on the market must meet the following requirements:

1. Toys must bear the CE marking, and the CE marking must be affixed visibly, legibly and indelibly to the toy, to an affixed label or to the packaging. The CE marking must be at least 5 mm high.
2. 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.
3. Toys must 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.
4. The toy should be accompanied by instructions and safety information in a language or languages easily understood by consumers, as determined by the Member State concerned.

**EN71-2: Flammability of Toys**

<u>Section</u>	<u>Description</u>	<u>Result</u>
4	Requirements	
4.1	General .....	P
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 with a piled or textile surface.....	NA

Remark: P = Pass                      F = Fail                      NA = Not Applicable  
 NC = Not Conducted (According to customer requirement, no evaluation of this clause)



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### EN71-3: 2013 + A3:2018 - Migration of Certain Elements

As specified in European standard on safety of toys EN 71-3: 2013 + A3:2018 - Migration of certain elements, acid extraction method was used and toxic elements content were determined by ICP-OES, ICP-MS, LC-ICP-MS and GC-MS.

#### Category III: scraped-off toy material

Tested Item	Result (mg/kg)		Report Limit (mg/kg)	Limit (mg/kg)
	1	2		
Aluminium (Al)	ND	ND	50	70000
Antimony (Sb)	ND	ND	5	560
Arsenic (As)	ND	ND	5	47
Barium (Ba)	ND	ND	50	18750
Boron (B)	ND	ND	50	15000
Cadmium (Cd)	ND	ND	1	17
Chromium (Cr) #1	ND	ND	0.15	--
Chromium (III) #2	ND	ND	--	460
Chromium (VI) #3	ND	ND	--	0.2
Cobalt (Co)	ND	ND	5	130
Copper (Cu)	ND	ND	50	7700
Lead (Pb)	ND	ND	5	23
Manganese (Mn)	ND	ND	50	15000
Mercury (Hg)	ND	ND	5	94
Nickel (Ni)	ND	ND	5	930
Selenium (Se)	ND	ND	5	460
Strontium (Sr)	ND	ND	50	56000
Tin (Sn) #4	ND	ND	2	180000
Organic tin(TBT) #5	ND	ND	--	12
Zinc (Zn)	ND	ND	50	46000

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- Note:
1. mg/kg = part per million = ppm  
ND = Not Detected (less than report limit)
  2. #1 if this element was detected, further confirmation test of Chromium III & Chromium VI need to be performed.
  3. #2, #3 Chromium was not detected, soluble Chromium III and Chromium VI were determined based on elemental analysis.
  4. #4 if this element was detected, further confirmation test of Organic tin need to be performed.
  5. #5 if tin was not detected, soluble organic tin was determined based on elemental analysis.

### Note:

#### Specimen Description

Code	Specimen Name
1	Multicolor cloth
2	Yellow soft rubber

- It is requested by applicant, only the selected material(s) in the submitted sample was (were) tested.

### Sample photo:



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

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