









No.:SPF250101022

Date:Mar 24, 2025

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Yitong Lewan Toys Factory

Xinan Industrial Zone, Xinan Town, Chenghai District, Shantou City, Guangdong Province, China

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

Sample Name: Toy series

Item No.: See next page

Requested age grading: 3+

Age group applied in testing: 3+

Sample received date: Mar 14, 2025

Testing period: From Mar 14, 2025 to Mar 21, 2025

Test conclusion:

Summary	Result
EN 71-1:2014 + A1:2018 - Mechanical and Physical Properties	Pass
EN 71-2:2020 - Flammability	Pass
EN 71-3:2019+A2:2024 - Migration of certain elements	Pass

 Inspected by:

Zhang WenXia, Wendy

Approved by :

Zhang Feng, Jee

Lab Manager



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Item No.

A05,A06,A07,A08,A09,A10,A11,A12,A13,A14,A15,A16,A17,A18,A19,A20,A21,A22,A23,A24,A25,A26,A27,A28,A29,A30,A31,A32,A33,A34,A35,868-81,868-82,868-83,868-84,868-85,868-87,868-94,868-95,868-96,868-97,868-98,868-99,868-100,868-122,868-123,868-127,868-128,868-129,868-130,868-131,SS-01,SS-02,SS-03,SS-04,SS-05,SS-06,SS-07,SS-08,SS-09,SS-10,SS-11,SS-12,SS-13,SS-14,XS-01,XS-02,XS-03,XS-04,XS-05,XS-06,XS-07,XS-08,XS-09,XS-10,MS-01,MS-02,MS-03,MS-04,MS-05,MS-06,MS-07,MS-08,MS-09,MS-10,MS-11,MS-12,MS-13,MS-14,MS-15,MS-16,MS-17,MS-18,MS-19

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

Section	Description	Result	
4 6	General requirements	P	
4.1	Material cleanliness	P	
4.2	Assembly	NA	
4.3	Flexible plastic sheeting	NA	
4.4	Toy bags	NA	
4.5	Glass	NA	
4.6	Expanding Materials	NA NA	
4.7	Edges	P	
4.8	Points and metallic wires	P	
4.9	Protruding parts	Р	
4.10	Parts moving against each other	P	
4.10.1	Folding and sliding mechanisms	NA	
4.10.2	Driving mechanisms	P	
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	NA NA	
4.14.1	Toys which a child can enter	NA	
4.14.2	Masks and helmets	NA	
4.15	Toys intended to bear the mass of a child	NA	
4.15.1	Toys propelled by a child or by other means	NA	
4.15.2	Toy bicycles	NA NA	
4.15.3	Rocking horses and similar toys	NA	
4.15.4	Toys not propelled by a child	NA	

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4.15.5	Toy scooters	NA				
4.16	Heavy immobile toys	NA				
4.17	Projectiles toys	P				
4.17.1	General	P.O				
4.17.2	All projectiles	P				
4.17.3	Projectile toys with stored energy	NA				
4.17.4	Certain projectile toys without stored energy	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	P				
4.21	Toys containing a non-electrical heat source	NA				
4.22	Small ball	Р				
4.23	Magnets	NA				
4.23.1	General	NA				
4.23.2	Toys other than magnetic/electrical experimental sets intended for children over 8 years	NA				
4.23.3	Magnetic/electrical experimental sets intended for children over 8 years	NA 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				
5.4	Cords, chains and electrical cables in toys	NA				
5.5	Liquid-filled toys					

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Test Report No.:SPF250101022 Page 5 of 20 Date:Mar 24, 2025 NA 5.6 Speed limitation of electrically-driven ride-on toys 5.7 Glass and porcelain NA 5.8 Shape and size of certain toys NA 5.9 Toys comprising monofilament fibres NA 5.10 NA Small ball 5.11 Play figures NA 5.12 Hemispheric-shaped toys NA 5.13 Suction cups NA 5.14 NA Straps intended to be worn fully or partially around the neck NA 5.15 Sledges with cords for pulling Packaging P P 7 Warnings and instructions for use 7.1 General 7.2 Ρ Toys not intended for children under 36 months 7.3 Latex balloons NA NA 7.4 Aquatic toys 7.5 Functional toys NA 7.6 NA Hazardous sharp functional edges and points 7.7 Projectile toys NA 7.8 Imitation protective masks and helmets NA 7.9 NA Toy kites 7.10 Roller skates, inline skates, skateboards and certain other ride-on toys NA Toys otherwise intended to be strung across a cradle, cot, or 7.11 NA perambulator 7.12 Liquid-filled teethers NA 7.13 NA Percussion caps specifically designed for use in toys 7.14 NA Acoustics 7.15 Toy bicycles NA

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les	t Report No.:SPF250101022 Date:Mar 24, 2025	Page 6 of 20
7.16	Toys intended to bear the mass of child	NA /
7.17	Toys comprising monofilament fibres	NA
7.18	Toy scooters ()	NA S
7.19	Rocking horses and similar toys	NA
7.20	Magnetic/electrical experimentalsets	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
7.24	Sledges with cords for pulling	NA (
7.25	Flying toys	NA NA
7.26	Improvised projectiles	NA

Note:

P = Pass; NA = Not applicable; NC = Not conducted; F=Fail.

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.
- (5) Section 4.20- According to the applicant's request, the clause 4.20.2.12 "Voice toy" has not been tested.

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2.EN 71-2:2020 Flammability

Section	Description	
4 6	Requirements	P
4.1	General requirements	S PC
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

Note:

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3. Migration of Certain Elements

-Category III: Scraped-off toy material.

With reference to EN 71-3:2019+A2:2024, by Inductively Coupled Plasma-Optical Emission Spectrometry (ICP-OES), Ion Chromatography-Ultraviolet (IC-UV), Gas Chromatography-Mass Spectrometry (GC-MS) analysis.

Sample No.	Result(mg/kg)				Report	Limit	
Item(s)	1	2	3	4	5	limit (mg/kg)	(mg/kg)
Soluble Lead (Pb)	ND	ND	ND	ND	ND	5	23
Soluble Cadmium (Cd)	ND	ND	ND	ND	ND	2	17
Soluble Chromium (Cr)	ND	ND	ND	ND	ND	0.03) <u>(</u>
Soluble Chromium (III)	ND	ND	ND	ND	ND	6/6/	460
Soluble Chromium (VI)	ND	ND /	ND	ND A	ND	0.02	0.053
Soluble Mercury (Hg)	ND	ND	ND	ND	ND	5	94
Soluble Arsenic (As)	ND	ND	ND	ND	ND	5	47
Soluble Selenium (Se)	ND	ND	ND	ND	ND	10	460
Soluble Antimony (Sb)	ND	ND	ND	ND	ND	10	560
Soluble Barium (Ba)	ND	ND	ND	ND /	ND	100	18750
Soluble Aluminium (AI)	ND	ND	ND	ND	ND	100	28130
Soluble Boron (B)	ND	ND	ND	ND	ND	100	15000
Soluble Cobalt (Co)	ND	ND	ND	ND	ND	10	130
Soluble Copper (Cu)	ND	ND	ND	ND	ND	100	7700
Soluble Manganese (Mn)	ND	ND	ND	ND	ND	100	15000
Soluble Nickel (Ni)	ND	ND	ND	ND	ND	50	930
Soluble Strontium (Sr)	ND	ND	ND	ND	ND	100	56000
Soluble Tin (Sn)	ND	ND	ND	ND	ND	2.5	180000
Soluble Organic tin	<10	<10	<10	<10	<10	S7 (S)	12
Soluble Zinc (Zn)	ND	ND	ND	ND	ND	100	46000
Mass of trace amount (mg)	<u> </u>	5/ 6/	<u>\$7</u>	5/ <u></u> 5/	<u> </u>	(5) <u></u> (5)	<u> </u>

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Sample No.	Result(mg/kg)			Report	Limit			
Item(s)	6	7	8	9	10	limit (mg/kg)	(mg/kg)	
Soluble Lead (Pb)	ND	ND	ND	ND	ND	5	23	
Soluble Cadmium (Cd)	ND	ND	ND	ND	ND	2	17	
Soluble Chromium (Cr)	ND	ND	ND	ND	ND	0.03	7 (5)	
Soluble Chromium (III)	ND	ND	ND	ND	ND	/S=- /S	460	
Soluble Chromium (VI)	ND	ND	ND	ND	ND	0.02	0.053	
Soluble Mercury (Hg)	ND	ND	ND	ND	ND	5 6	94	
Soluble Arsenic (As)	ND	ND	ND	ND	ND	5	47	
Soluble Selenium (Se)	ND	ND ND	ND	ND	ND	10	460	
Soluble Antimony (Sb)	ND	ND	ND	ND	ND	10	560	
Soluble Barium (Ba)	ND	ND	ND	ND	ND	100	18750	
Soluble Aluminium (Al)	ND	ND	ND	ND	ND	100	28130	
Soluble Boron (B)	ND	ND	ND	ND	ND	100	15000	
Soluble Cobalt (Co)	ND	ND	ND	ND	ND	10/	130	
Soluble Copper (Cu)	ND	ND	ND	ND	ND	100	7700	
Soluble Manganese (Mn)	ND	ND	ND	ND	ND	100	15000	
Soluble Nickel (Ni)	ND	ND	ND	ND	ND	50	930	
Soluble Strontium (Sr)	ND	ND	ND	ND	ND	100	56000	
Soluble Tin (Sn)	ND	ND	ND	ND	ND	2.5	180000	
Soluble Organic tin	<10	<10	<10	<10	<10		12	
Soluble Zinc (Zn)	ND	ND	ND	ND	ND	100	46000	
Mass of trace amount (mg))©	A - A) ,,, ()	A A		A A	» ©	

Note:

ND = Not detected (less than report limit);

mg/kg = ppm = part per million.

(1) Soluble Chromium is not restricted by EN 71-3, results shown only for reference.

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- (2) Soluble Chromium (III)=Soluble Chromium (Cr)—Soluble Chromium (VI).
- (3) Soluble Chromium (VI) only for IC-UV.
- (4) If soluble tin content exceeded the screening limits of organic tin content, further confirmation test of Organic tin need to be performed. The migration of organic tin shall be calculated by adding the migration values expressed as tributyltin (TBT) for all the single organic tin compounds.
- (5) As specified by applicant, to test content in the selected materials of the submitted samples. The test results are only responsible for the submitted sample.

Tested component(s):

Code Specimen name

- Orange plastic
- 2 Blue plastic
- 3 Red plastic
- 4 Yellow plastic
- 5 Black plastic
- 6 Green soft plastic
- 7 Purple soft plastic
- 8 Blue coating
- 9 White coating
- 10 Sticker

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Sample Photo(s):





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