



中国认可
国际互认
检测
TESTING
CNAS L5950

Test Report

No.:SPF23031175

Date: Mar. 21, 2023

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One For Fun Ltd.

3-5 Cambuslang Way, Gateway Office Park, Cambuslang, Glasgow, G32 8ND, UK

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

Name of product/item: Toy series

Item No.: SV21567

Requested age grading: 12M+

Age group applied in testing: 12M+

Sample received date: Mar. 06, 2023

Testing period: From Mar. 06, 2023 to Mar. 20, 2023

Test conclusion:

Summary

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

Result

Pass

Pass

Pass

Tested by : Ava

Chen WenHan, Ava

Inspected by : Wendy

Zhang WenXia, Wendy

Approved by : Jee

Zhang Feng, Jee
Lab Manager



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Mechanical and Physical Properties:

Section	Description	Result
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.....	NA
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.....	P
	4.17.1 General.....	P
	4.17.2 All projectiles.....	P
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	
5.1	General requirement.....	P
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

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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.....	
7.1	General.....	P
7.2	Toys not intended for children under 36 months.....	NA
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
7.24	Sledges with cords for pulling.....	NA

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7.25	Flying toys.....	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.

Flammability:

Section	Description	Result
4	Requirements	
4.1	General requirements.....	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.....	NA

Note:

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Migration of Certain Elements analysis:

With reference to EN 71-3:2019+A1:2021, by Inductively Coupled Plasma-Optical Emission Spectrometry (ICP-OES), Ion Chromatography-Ultraviolet (IC-UV) analysis.

Category III: Scraped-off toy material

Sample No. Item(s)	Result (mg/kg)							Report limit (mg/kg)	Limit (mg/kg)
	1	2	3	4	5	6	7		
Soluble Lead (Pb)	ND	ND	ND	ND	ND	ND	ND	5	23
Soluble Cadmium (Cd)	ND	ND	ND	ND	ND	ND	ND	2	17
Soluble Chromium (Cr) ^[1]	ND	ND	ND	ND	ND	ND	ND	0.03	---
Soluble Chromium (III) ^[2]	ND	ND	ND	ND	ND	ND	ND	---	460
Soluble Chromium (VI) ^[3]	ND	ND	ND	ND	ND	ND	ND	0.02	0.053
Soluble Mercury (Hg)	ND	ND	ND	ND	ND	ND	ND	5	94
Soluble Arsenic (As)	ND	ND	ND	ND	ND	ND	ND	5	47
Soluble Selenium (Se)	ND	ND	ND	ND	ND	ND	ND	10	460
Soluble Antimony (Sb)	ND	ND	ND	ND	ND	ND	ND	10	560
Soluble Barium (Ba)	ND	ND	ND	ND	ND	349	ND	100	18750
Soluble Aluminium (Al)	ND	ND	ND	ND	ND	149	ND	100	28130
Soluble Boron (B)	ND	ND	ND	ND	ND	ND	ND	100	15000
Soluble Cobalt (Co)	ND	ND	ND	ND	ND	ND	ND	10	130
Soluble Copper (Cu)	ND	ND	ND	ND	ND	ND	ND	100	7700
Soluble Manganese (Mn)	ND	ND	ND	ND	ND	ND	ND	100	15000
Soluble Nickel (Ni)	ND	ND	ND	ND	ND	ND	ND	50	930
Soluble Strontium (Sr)	ND	ND	ND	ND	ND	ND	ND	100	56000
Soluble Tin (Sn)	ND	ND	ND	ND	ND	ND	ND	2.5	180000
Soluble Organic tin ^[4]	<10	<10	<10	<10	<10	<10	<10	---	12
Soluble Zinc (Zn)	ND	ND	ND	ND	ND	ND	ND	100	46000

Tested component(s):

Code	Specimen name	Code	Specimen name
1	White soft plastic	5	Orange coating (weight:43.0mg)
2	Rose red coating (weight:29.8mg)	6	Yellow coating
3	Green coating (weight:39.8mg)	7	Blue coating
4	Black coating (weight:37.4mg)	/	/

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Note:

ND = Not detected (less than report limit);

mg/kg = ppm = part per million.

(1) 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.

(2) "[1]": Soluble Chromium is not restricted by EN 71-3, results shown only for reference.

(3) "[2]": $C_{Cr(III)} = C_{Cr(total)} - C_{Cr(VI)}$.

(4) "[3]": Chromium (VI) only for IC-UV.

(5) "[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.

(6) The toy material samples with sample weight less than 100 mg were assumed to be 100 mg in calculation. Actual weight of sample(s) used for analysis which are less than 100 mg.

(7) The data of EN71-3 Toxic Elements Test (Code NO.1 to NO.5) is copied from the test report number SPF23030387.

Sample photo(s):



End of Report

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