Test Report

No.:SPF240311748 Date: Aug. 10, 2024 Page 1 of 7

Aimile Toys Co., Ltd
No.1 Dongshanjiao Fifth Lane, Longkeng Township, Guangyi Street, Chenghai District, Shantou City, Guangdong Province，China

The following samples were submitted and identified by/on behalf of client as:
Name of product/item: Fun toys
Item No.: 8001, 8003, 8010, 8011, 8012, 8013, 8014, 8015, 8016, 8017, 8018, 8019, 8020, 8030, 8031, 8032, 8033, C668-1, C668-2, C668-3, C668-4, C668-5, C668-6, C668-7, C668-8, C668-9, C668-10, C668-11, C668-12, C668-13, C668-14, C668-15, C668-16, C668-17, C668-18, C668-19, C668-20, C668-21, C668-22, C668-23, C668-24, C668-25, C668-26, C668-27, C668-28, C668-29, C668-30, C668-31, C668-32, C668-33, C668-34, C668-35, C668-36, C668-37, C668-38, C668-39, C668-40, C668-41, C668-42, C668-43, C668-44, C668-45, C668-46, C668-47, C668-48, C668-49, C668-50, C668-51, C668-52, C668-53, C668-54, C668-55, C668-56, C668-57, C668-58, C668-59, C668-60, C668-61, C668-62, C668-63.
Requested age grading: 3+
Age group applied in testing: 3+
Sample received date: Aug.05, 2024
Testing period: From Aug. 05, 2024 to Aug. 10, 2024

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+A1:2021- Migration of certain elements	Pass

Tested by : Chen WenHan,Ava

Inspected by : Zhang WenXia, Wendy

Approved by : 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	P
4.10	Parts moving against each other	NA
4.11	Mouth-actuated toys and other toys intended to be put in the mouth	P
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	P
4.21	Toys containing a non-electrical heat source	NA
4.22	Small ball	P
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	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	NA
5.6	Speed limitation of electrically-driven ride-on toys	NA

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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	P
7	Warnings and instructions for use	
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 teethers	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
7.25	Flying toys	NA
7.26	Improvised projectiles	NA

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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

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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

Item(s) \ Sample No.	Result (mg/kg)					Report limit (mg/kg)	Limit (mg/kg)
	1	2	3	4	5		
Soluble Lead (Pb)	ND	ND	ND	ND	ND	5	23
Soluble Cadmium (Cd)	ND	ND	ND	ND	ND	2	17
Soluble Chromium (Cr) [1]	ND	ND	ND	ND	ND	0.03	---
Soluble Chromium (Ⅲ) [2]	ND	ND	ND	ND	ND	---	460
Soluble Chromium (Ⅵ) [3]	ND	ND	ND	ND	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 (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 [4]	<10	<10	<10	<10	<10	---	12
Soluble Zinc (Zn)	ND	ND	ND	ND	ND	100	46000

Tested component(s):

Code	Specimen name	Code	Specimen name
1	White plastic	4	Yellow plastic
2	Red plastic	5	Pink plastic
3	Blue plastic	/	/

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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) (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.

Sample photo(s):

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End of Report

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