

TEST REPORT

Applicant: Yoshiritsu Co., Ltd.
1563 Koshibe, Oyodo, Yoshino,
Nara 638-0803 Japan

Number: HKGH03343451 S1

Date: May 14, 2026

Attn: AKIE KAWAI

Sample and Information provided by customer :

Item Name : #A. LaQ Animaloid VORTEX SHARK
JAN Code: 4952907009715

#B. LaQ ZOO
JAN Code: 4952907009722

#C. LaQ Sweet Collection CAFETERIA
JAN Code: 4952907009739

#D. LaQ Basic 5600
JAN Code: 4952907009678

#E. LaQ Basic 401
JAN Code: 4952907009630

#F. LaQ Basic 8400
JAN Code: 4952907009685

#G. LaQ Basic 1400
JAN Code: 4952907009661

#H. LaQ Basic 511
JAN Code: 4952907009623

#I. LaQ Mystical Beast CHIMERA
JAN Code: 4952907009647

Item No. : 4952907009715
4952907009722
4952907009739
4952907009678
4952907009630
4952907009685
4952907009661
4952907009623
4952907009647

For and on behalf of :
Intertek Testing Services HK Ltd.

Dorothy M.Y. Lau
Vice President



TEST REPORT

Number : HKGH03343451 S1

Quantity : 3 sets
 Labelled Age Group : #A: Age 6 years and up
 #B, #C, #D, #E, #F, #G, #H: Age 5 years and up
 #I: Age 7 years and up

Packaging Provided : Yes
 Country of Origin : Japan
 Date sample received : Apr 01, 2026
 Testing period : Apr 01, 2026 to May 12, 2026

Conclusion:

The submitted sample was tested under the following requirements requested by the applicant, subject to the information stated in the remark and attached page(s) for details :

<u>Requirement</u>	<u>Result</u>
(1) EN 71-1:2014 + A1:2018 - Mechanical and physical properties	Pass
(2) EN 71-1:2026 - Mechanical and physical properties	Pass
(3) EN 71-2:2020 - Flammability Test	Pass
(4) EN 71-2:2020 +A1 :2025 - Flammability Test	Pass
(5) EN 71-3 : 2019 + A1 : 2021 - Migration of certain elements	Pass
(6) EN 71-3 : 2019 + A2 : 2024 - Migration of certain elements	Pass
(7) REACH Regulation (EC) no. 1907/2006, Annex XVII Items 51 & 52, amendment no. 552/2009 & 2018/2005 - Phthalates content	Pass
(8) Regulation (EC) No. 1907/2006 on REACH Annex XVII as amended by Commission Regulation (EU) No. 835/2012 and Commission Regulation (EU) 2016/217 - Cadmium content requirement	Pass
(9) U.S. ASTM F963-23 - Physical and Mechanical tests	Pass



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<u>Requirement</u>	<u>Result</u>
(10) ASTM F963-23 - Flammability Test of Materials other than textile materials	Pass
(11) ASTM F963-23 - Soluble heavy elements test ∞	Pass
(12) ASTM F963-23 - Total Lead content	Pass
(13) ASTM F963-23 - Phthalate content	Pass
(14) U.S. Consumer Product Safety Improvement Act 2008 Title I Section 101 - Total Lead content in non-surface coating materials (substrate)	Pass
(15) U.S. CFR Title 16 (CPSC Regulations) - Part 1303 - Total Lead content in surface coating	Pass
U.S. Consumer Product Safety Improvement Act 2008 Title I Section 101 - Total Lead content in surface coating	Pass
(16) US CPSC 16 CFR Part 1307 Prohibition of Children's Toys and Child Care Articles Containing Specified Phthalates - Phthalate content	Pass
(17) California Proposition 65 for toys, Consent Judgement no. RG-356892 - Lead content	Pass
(18) California Proposition 65 for Toys (designed for or reasonable used by children under six years of age), Consent judgment no. BG-350969 - Phthalate content	Pass

Decision Rule(s):

When a statement of conformity to a specification or standard is provided on test report, the decision rule shall be applied. For details, please refer to Intertek's "Decision Rule Document" and is available on Intertek's website. <https://intertekhk.grd.by/decision-rule-doc>.
If decision rule already inhaled in the requested specification or standard, Intertek's "Decision Rule Document" is not applicable and indication of "∞" was shown as above table.

Note : This is to supersede Report No. HKGH03343451 dated May 12, 2026 due to Amending sample description



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Number : HKGH03343451 S1

(1) Mechanical and Physical Test

Test Standard : European Standard on Safety of toys EN 71-1:2014 + A1:2018

Age group for testing : For Ages Over 5 Years

Clause	Requirement	Assessment
4	General requirements	
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
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 into 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	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 non -electrical heat source	NA
4.22	Small balls	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 requirements for toys intended for children under 36 months	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
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 balls	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 (7.24)	NA



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Clause	Requirement	Assessment
6	Packaging	P
7	Warnings, markings 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	Projectile Toys	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	Toys intended to be attached to or 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 a child	NA
7.17	Toys comprising monofilament fibres	NA
7.18	Toy scooters	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

Abbreviation : P = Pass NA = Not Applicable



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Below are additional information according to the Toy Safety Directive 2009/48/EC requirement. These information also appears as a note within the EN71 but are not standard requirements and not accredited:

Marking

The manufacturer's and importer's name, registered trade name or registered trade mark, the address and type, batch, serial or model number or other element allowing their identification shall be indicated on the product itself. In addition, toys or packagings shall also bear the CE-marking. After checking, it was found that

	Toy	Packaging
Manufacturer's name	Present(For item#09678, 09685, 09661 and 09623) Absent(For other items)	Present
Manufacturer's address	Absent	Present
EU Importer's name	Absent	Absent
EU Importer's address	Absent	Absent
Product identification code	Absent	Present(For item#09715, 09722, 09739 and 09630) Absent (For other items)
CE-marking	Absent	Present

Date sample received : Apr 01, 2026

Test Period : Apr 01, 2026 to Apr 20, 2026



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(2) Mechanical and Physical Test

Test Standard : European Standard on Safety of toys EN 71-1:2026

Age group for testing : For Ages Over 5 Years

Clause	Requirement	Assessment
4	General requirements	
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
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 into 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	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 non -electrical heat source	NA
4.22	Small balls	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
4.28	Food-imitating toys	NA
5	Toys intended for children under 36 months	
5.1	General requirements for toys intended for children under 36 months	NA



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Clause	Requirement	Assessment
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
5.7	Glass and porcelain	NA
5.8	Shape and size of certain toys	NA
5.9	Toys comprised of monofilament fibres	NA
5.10	Small balls	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 (7.20)	NA
6	Packaging	P
7	Warnings, markings 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	Projectile Toys	NA
7.8	Imitation protective masks and helmets	NA
7.9	Toy kites	NA
7.10	Toys intended to be strung across a cradle, cot, or perambulator	NA
7.11	Liquid-filled teethingers	NA
7.12	Percussion caps specifically designed for use in toys	NA
7.13	Acoustics	NA
7.14	Toys intended to bear the mass of a child	NA
7.15	Toys comprised of monofilament fibres	NA
7.16	Magnetic / electrical experimental sets	NA
7.17	Toys with electrical cables exceeding 300 mm in length	NA
7.18	Toys with cords or chains intended for children of 18 months and over but under 36 months	NA
7.19	Toys intended to be attached to a cradle, cot or perambulator	NA
7.20	Sledges with cords for pulling	NA
7.21	Flying toys	NA
7.22	Improvised projectiles	NA

Abbreviation : P = Pass NA = Not Applicable



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Below is additional information according to the Toy Safety Directive 2009/48/EC requirement. This information also appears as a note within the EN71 but are not standard requirements and not accredited:

Note: Regulation(EU) 2025/2509, adopted on 26 November 2025, modernizes EU toy safety by replacing Directive 2009/48/EC, with full application from 1 August 2030.

Marking

The manufacturer's and importer's name, registered trade name or registered trade mark, the address and type, batch, serial or model number or other element allowing their identification shall be indicated on the product itself. In addition, toys or packagings shall also bear the CE-marking.

After checking, it was found that

	Toy	Packaging
Manufacturer's name	Present(For item#09678, 09685, 09661and 09623) Absent(For other items)	Present
Manufacturer's address	Absent	Present
Manufacturer's electronic address	Absent	Present
EU Importer's name	Absent	Absent
EU Importer's address	Absent	Absent
EU Importer's electronic address	Absent	Absent
Product identification code	Absent	Present(For item#09715, 09722, 09739 and 09630) Absent (For other items)
CE-marking	Absent	Present

Date sample received : Apr 01, 2026

Test Period : Apr 01, 2026 to Apr 20, 2026



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(3) Flammability Test

Test Standard : European Standard on Safety of Toys EN 71-2:2020

Clause	Requirement	Assessment
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

Abbreviation : P = Pass NA = Not Applicable

Date sample received : Apr 01, 2026

Test Period : Apr 01, 2026 to Apr 20, 2026



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(4) Flammability Test

Test Standard : European Standard on Safety of Toys EN 71-2:2020 +A1 :2025

Clause	Requirement	Assessment
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

Abbreviation : P = Pass NA = Not Applicable

Date sample received : Apr 01, 2026

Test Period : Apr 01, 2026 to Apr 20, 2026



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(5) 19 Toxic Element Migration Test

Test Method : EN 71-3 : 2019 + A1 : 2021. Acid extraction method was used and toxic elements content were determined by Inductively Coupled Argon Plasma Spectrometry and Ion Chromatography- Inductively Coupled Plasma-Mass Spectrometry and/or Gas Chromatographic - Mass Spectrometry

Category (III): Scraped-off toy material:

Element	Result (mg/kg)			Limit (mg/kg)
	(1)	(2)	(3)	
Soluble Aluminium (Al)	<300	<300	<300	28130
Soluble Antimony (Sb)	<10	<10	<10	560
Soluble Arsenic (As)	<10	<10	<10	47
Soluble Barium (Ba)	<10	<10	<10	18750
Soluble Boron (B)	<50	<50	<50	15000
Soluble Cadmium (Cd)	<5	<5	<5	17
Soluble Chromium (III) (Cr III)	<10	<10	<10	460
Soluble Chromium (VI) (Cr VI)	<0.025	<0.025	<0.025	0.053
Soluble Cobalt (Co)	<10	<10	<10	130
Soluble Copper (Cu)	<10	<10	<10	7700
Soluble Lead (Pb)	<10	<10	<10	23
Soluble Manganese (Mn)	<10	<10	<10	15000
Soluble Mercury (Hg)	<10	<10	<10	94
Soluble Nickel (Ni)	<10	<10	<10	930
Soluble Selenium (Se)	<10	<10	<10	460
Soluble Strontium (Sr)	<100	<100	<100	56000
Soluble Tin (Sn)	<10	<10	<10	180000
Soluble Organic tin ++	<5.0	<5.0	<5.0	12
Soluble Zinc (Zn)	<100	<100	<100	46000

Element	Result (mg/kg)			Limit (mg/kg)
	(4)	(5)	(6)	
Soluble Aluminium (Al)	<300	<300	<300	28130
Soluble Antimony (Sb)	<10	<10	<10	560
Soluble Arsenic (As)	<10	<10	<10	47
Soluble Barium (Ba)	<10	<10	<10	18750
Soluble Boron (B)	<50	<50	<50	15000
Soluble Cadmium (Cd)	<5	<5	<5	17
Soluble Chromium (III) (Cr III)	<10	<10	<10	460
Soluble Chromium (VI) (Cr VI)	<0.025	<0.025	<0.025	0.053



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Element	Result (mg/kg)			Limit (mg/kg)
	(4)	(5)	(6)	
Soluble Cobalt (Co)	<10	<10	<10	130
Soluble Copper (Cu)	<10	<10	<10	7700
Soluble Lead (Pb)	<10	<10	<10	23
Soluble Manganese (Mn)	<10	<10	<10	15000
Soluble Mercury (Hg)	<10	<10	<10	94
Soluble Nickel (Ni)	<10	<10	<10	930
Soluble Selenium (Se)	<10	<10	<10	460
Soluble Strontium (Sr)	<100	<100	<100	56000
Soluble Tin (Sn)	<10	<10	<10	180000
Soluble Organic tin ++	<5.0	<5.0	<5.0	12
Soluble Zinc (Zn)	<100	<100	<100	46000

Element	Result (mg/kg)			Limit (mg/kg)
	(7)	(8)	(9)	
Soluble Aluminium (Al)	<300	<300	<300	28130
Soluble Antimony (Sb)	<10	<10	<10	560
Soluble Arsenic (As)	<10	<10	<10	47
Soluble Barium (Ba)	<10	<10	<10	18750
Soluble Boron (B)	<50	<50	<50	15000
Soluble Cadmium (Cd)	<5	<5	<5	17
Soluble Chromium (III) (Cr III)	<10	<10	<10	460
Soluble Chromium (VI) (Cr VI)	<0.025	<0.025	<0.025	0.053
Soluble Cobalt (Co)	<10	<10	<10	130
Soluble Copper (Cu)	<10	<10	<10	7700
Soluble Lead (Pb)	<10	<10	<10	23
Soluble Manganese (Mn)	<10	<10	<10	15000
Soluble Mercury (Hg)	<10	<10	<10	94
Soluble Nickel (Ni)	<10	<10	<10	930
Soluble Selenium (Se)	<10	<10	<10	460
Soluble Strontium (Sr)	<100	<100	<100	56000
Soluble Tin (Sn)	<10	<10	<10	180000
Soluble Organic tin ++	<5.0	<5.0	<5.0	12
Soluble Zinc (Zn)	<100	<100	<100	46000

Element	Result (mg/kg)			Limit (mg/kg)
	(10)	(11)	(12)	
Soluble Aluminium (Al)	<300	<300	<300	28130
Soluble Antimony (Sb)	<10	<10	<10	560
Soluble Arsenic (As)	<10	<10	<10	47
Soluble Barium (Ba)	<10	<10	<10	18750



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Element	Result (mg/kg)			Limit (mg/kg)
	(10)	(11)	(12)	
Soluble Boron (B)	<50	<50	<50	15000
Soluble Cadmium (Cd)	<5	<5	<5	17
Soluble Chromium (III) (Cr III)	<10	<10	<10	460
Soluble Chromium (VI) (Cr VI)	<0.025	<0.025	<0.025	0.053
Soluble Cobalt (Co)	<10	<10	<10	130
Soluble Copper (Cu)	<10	<10	<10	7700
Soluble Lead (Pb)	<10	<10	<10	23
Soluble Manganese (Mn)	<10	<10	<10	15000
Soluble Mercury (Hg)	<10	<10	<10	94
Soluble Nickel (Ni)	<10	<10	<10	930
Soluble Selenium (Se)	<10	<10	<10	460
Soluble Strontium (Sr)	<100	<100	<100	56000
Soluble Tin (Sn)	<10	<10	<10	180000
Soluble Organic tin ++	<5.0	<5.0	<5.0	12
Soluble Zinc (Zn)	<100	<100	<100	46000

Element	Result (mg/kg)			Limit (mg/kg)
	(13)	(14)	(15)	
Soluble Aluminium (Al)	<300	<300	<300	28130
Soluble Antimony (Sb)	<10	<10	<10	560
Soluble Arsenic (As)	<10	<10	<10	47
Soluble Barium (Ba)	<10	<10	<10	18750
Soluble Boron (B)	<50	<50	<50	15000
Soluble Cadmium (Cd)	<5	<5	<5	17
Soluble Chromium (III) (Cr III)	<10	<10	<10	460
Soluble Chromium (VI) (Cr VI)	<0.025	<0.025	<0.025	0.053
Soluble Cobalt (Co)	<10	<10	<10	130
Soluble Copper (Cu)	<10	<10	<10	7700
Soluble Lead (Pb)	<10	<10	<10	23
Soluble Manganese (Mn)	<10	<10	<10	15000
Soluble Mercury (Hg)	<10	<10	<10	94
Soluble Nickel (Ni)	<10	<10	<10	930
Soluble Selenium (Se)	<10	<10	<10	460
Soluble Strontium (Sr)	<100	<100	<100	56000
Soluble Tin (Sn)	<10	<10	<10	180000
Soluble Organic tin ++	<5.0	<5.0	<5.0	12
Soluble Zinc (Zn)	<100	<100	<100	46000



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Element	Result (mg/kg)			Limit (mg/kg)
	(16)	(17)	(18)	
Soluble Aluminium (Al)	<300	<300	<300	28130
Soluble Antimony (Sb)	<10	<10	<10	560
Soluble Arsenic (As)	<10	<10	<10	47
Soluble Barium (Ba)	<10	<10	<10	18750
Soluble Boron (B)	<50	<50	<50	15000
Soluble Cadmium (Cd)	<5	<5	<5	17
Soluble Chromium (III) (Cr III)	<10	<10	<10	460
Soluble Chromium (VI) (Cr VI)	<0.025	<0.025	<0.025	0.053
Soluble Cobalt (Co)	<10	<10	<10	130
Soluble Copper (Cu)	<10	<10	<10	7700
Soluble Lead (Pb)	<10	<10	<10	23
Soluble Manganese (Mn)	<10	<10	<10	15000
Soluble Mercury (Hg)	<10	<10	<10	94
Soluble Nickel (Ni)	<10	<10	<10	930
Soluble Selenium (Se)	<10	<10	<10	460
Soluble Strontium (Sr)	<100	<100	<100	56000
Soluble Tin (Sn)	<10	<10	<10	180000
Soluble Organic tin ++	<5.0	<5.0	<5.0	12
Soluble Zinc (Zn)	<100	<100	<100	46000

Element	Result (mg/kg)			Limit (mg/kg)
	(19)	(20)	(21)	
Soluble Aluminium (Al)	<300	<300	<300	28130
Soluble Antimony (Sb)	<10	<10	<10	560
Soluble Arsenic (As)	<10	<10	<10	47
Soluble Barium (Ba)	<10	<10	<10	18750
Soluble Boron (B)	<50	<50	<50	15000
Soluble Cadmium (Cd)	<5	<5	<5	17
Soluble Chromium (III) (Cr III)	<10	<10	<10	460
Soluble Chromium (VI) (Cr VI)	<0.025	<0.025	<0.025	0.053
Soluble Cobalt (Co)	<10	<10	<10	130
Soluble Copper (Cu)	<10	<10	<10	7700
Soluble Lead (Pb)	<10	<10	<10	23
Soluble Manganese (Mn)	<10	<10	<10	15000
Soluble Mercury (Hg)	<10	<10	<10	94
Soluble Nickel (Ni)	<10	<10	<10	930
Soluble Selenium (Se)	<10	<10	<10	460
Soluble Strontium (Sr)	<100	<100	<100	56000
Soluble Tin (Sn)	<10	<10	<10	180000



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Element	Result (mg/kg)			Limit (mg/kg)
	(19)	(20)	(21)	
Soluble Organic tin ++	<5.0	<5.0	<5.0	12
Soluble Zinc (Zn)	<100	<100	<100	46000

mg/kg = milligram per kilogram

++ : Unless the test result was marked with "Δ", Organic tin content was not directly determined and was derived from migration result of total tin.

Organic tin test result was expressed as tributyl tin.

Chromium (III) value was calculated as difference between migration results of total Chromium and Chromium (VI) .

Tested Components:

- (1) Coatings (red, yellow) on plastic (logo of box).
- (2) Paper sheet with coatings (instruction book).
- (3) White plastic (cover of box).
- (4) Translucent plastic (box).
- (5) Grey plastic (roller).
- (6) Shiny white plastic (wheel, block).
- (7) Dull black plastic (tire).
- (8) Light grey plastic (tool, block).
- (9) Shiny black plastic (joint, block).
- (10) Light blue plastic (block).
- (11) Dark blue plastic (block).
- (12) Dark green plastic (block).
- (13) Red plastic (block).
- (14) Dark yellow plastic (block).
- (15) Brown plastic (block).
- (16) Light green plastic (block).
- (17) Light pink plastic (block).
- (18) Orange plastic (block).
- (19) Transparent plastic (block).
- (20) Transparent yellow plastic (block).
- (21) Transparent red plastic (block).

Date sample received : Apr 01, 2026

Test Period : Apr 01, 2026 to Apr 08, 2026



TEST REPORT

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(6) 19 Toxic Element Migration Test

Test Method : EN 71-3 : 2019 + A2 : 2024. Acid extraction method was used and toxic elements content were determined by Inductively Coupled Argon Plasma Spectrometry and Ion Chromatography- Inductively Coupled Plasma-Mass Spectrometry and/or Gas Chromatographic - Mass Spectrometry

Category (III): Scraped-off toy material:

Element	Result (mg/kg)			Limit (mg/kg)
	(1)	(2)	(3)	
Soluble Aluminium (Al)	<300	<300	<300	28130
Soluble Antimony (Sb)	<10	<10	<10	560
Soluble Arsenic (As)	<10	<10	<10	47
Soluble Barium (Ba)	<10	<10	<10	18750
Soluble Boron (B)	<50	<50	<50	15000
Soluble Cadmium (Cd)	<5	<5	<5	17
Soluble Chromium (III) (Cr III)	<10	<10	<10	460
Soluble Chromium (VI) (Cr VI)	<0.025	<0.025	<0.025	0.053
Soluble Cobalt (Co)	<10	<10	<10	130
Soluble Copper (Cu)	<10	<10	<10	7700
Soluble Lead (Pb)	<10	<10	<10	23
Soluble Manganese (Mn)	<10	<10	<10	15000
Soluble Mercury (Hg)	<10	<10	<10	94
Soluble Nickel (Ni)	<10	<10	<10	930
Soluble Selenium (Se)	<10	<10	<10	460
Soluble Strontium (Sr)	<100	<100	<100	56000
Soluble Tin (Sn)	<10	<10	<10	180000
Soluble Organic tin ++	<5.0	<5.0	<5.0	12
Soluble Zinc (Zn)	<100	<100	<100	46000

Element	Result (mg/kg)			Limit (mg/kg)
	(4)	(5)	(6)	
Soluble Aluminium (Al)	<300	<300	<300	28130
Soluble Antimony (Sb)	<10	<10	<10	560
Soluble Arsenic (As)	<10	<10	<10	47
Soluble Barium (Ba)	<10	<10	<10	18750
Soluble Boron (B)	<50	<50	<50	15000
Soluble Cadmium (Cd)	<5	<5	<5	17
Soluble Chromium (III) (Cr III)	<10	<10	<10	460
Soluble Chromium (VI) (Cr VI)	<0.025	<0.025	<0.025	0.053



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Element	Result (mg/kg)			Limit (mg/kg)
	(4)	(5)	(6)	
Soluble Cobalt (Co)	<10	<10	<10	130
Soluble Copper (Cu)	<10	<10	<10	7700
Soluble Lead (Pb)	<10	<10	<10	23
Soluble Manganese (Mn)	<10	<10	<10	15000
Soluble Mercury (Hg)	<10	<10	<10	94
Soluble Nickel (Ni)	<10	<10	<10	930
Soluble Selenium (Se)	<10	<10	<10	460
Soluble Strontium (Sr)	<100	<100	<100	56000
Soluble Tin (Sn)	<10	<10	<10	180000
Soluble Organic tin ++	<5.0	<5.0	<5.0	12
Soluble Zinc (Zn)	<100	<100	<100	46000

Element	Result (mg/kg)			Limit (mg/kg)
	(7)	(8)	(9)	
Soluble Aluminium (Al)	<300	<300	<300	28130
Soluble Antimony (Sb)	<10	<10	<10	560
Soluble Arsenic (As)	<10	<10	<10	47
Soluble Barium (Ba)	<10	<10	<10	18750
Soluble Boron (B)	<50	<50	<50	15000
Soluble Cadmium (Cd)	<5	<5	<5	17
Soluble Chromium (III) (Cr III)	<10	<10	<10	460
Soluble Chromium (VI) (Cr VI)	<0.025	<0.025	<0.025	0.053
Soluble Cobalt (Co)	<10	<10	<10	130
Soluble Copper (Cu)	<10	<10	<10	7700
Soluble Lead (Pb)	<10	<10	<10	23
Soluble Manganese (Mn)	<10	<10	<10	15000
Soluble Mercury (Hg)	<10	<10	<10	94
Soluble Nickel (Ni)	<10	<10	<10	930
Soluble Selenium (Se)	<10	<10	<10	460
Soluble Strontium (Sr)	<100	<100	<100	56000
Soluble Tin (Sn)	<10	<10	<10	180000
Soluble Organic tin ++	<5.0	<5.0	<5.0	12
Soluble Zinc (Zn)	<100	<100	<100	46000

Element	Result (mg/kg)			Limit (mg/kg)
	(10)	(11)	(12)	
Soluble Aluminium (Al)	<300	<300	<300	28130
Soluble Antimony (Sb)	<10	<10	<10	560
Soluble Arsenic (As)	<10	<10	<10	47
Soluble Barium (Ba)	<10	<10	<10	18750



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Element	Result (mg/kg)			Limit (mg/kg)
	(10)	(11)	(12)	
Soluble Boron (B)	<50	<50	<50	15000
Soluble Cadmium (Cd)	<5	<5	<5	17
Soluble Chromium (III) (Cr III)	<10	<10	<10	460
Soluble Chromium (VI) (Cr VI)	<0.025	<0.025	<0.025	0.053
Soluble Cobalt (Co)	<10	<10	<10	130
Soluble Copper (Cu)	<10	<10	<10	7700
Soluble Lead (Pb)	<10	<10	<10	23
Soluble Manganese (Mn)	<10	<10	<10	15000
Soluble Mercury (Hg)	<10	<10	<10	94
Soluble Nickel (Ni)	<10	<10	<10	930
Soluble Selenium (Se)	<10	<10	<10	460
Soluble Strontium (Sr)	<100	<100	<100	56000
Soluble Tin (Sn)	<10	<10	<10	180000
Soluble Organic tin ++	<5.0	<5.0	<5.0	12
Soluble Zinc (Zn)	<100	<100	<100	46000

Element	Result (mg/kg)			Limit (mg/kg)
	(13)	(14)	(15)	
Soluble Aluminium (Al)	<300	<300	<300	28130
Soluble Antimony (Sb)	<10	<10	<10	560
Soluble Arsenic (As)	<10	<10	<10	47
Soluble Barium (Ba)	<10	<10	<10	18750
Soluble Boron (B)	<50	<50	<50	15000
Soluble Cadmium (Cd)	<5	<5	<5	17
Soluble Chromium (III) (Cr III)	<10	<10	<10	460
Soluble Chromium (VI) (Cr VI)	<0.025	<0.025	<0.025	0.053
Soluble Cobalt (Co)	<10	<10	<10	130
Soluble Copper (Cu)	<10	<10	<10	7700
Soluble Lead (Pb)	<10	<10	<10	23
Soluble Manganese (Mn)	<10	<10	<10	15000
Soluble Mercury (Hg)	<10	<10	<10	94
Soluble Nickel (Ni)	<10	<10	<10	930
Soluble Selenium (Se)	<10	<10	<10	460
Soluble Strontium (Sr)	<100	<100	<100	56000
Soluble Tin (Sn)	<10	<10	<10	180000
Soluble Organic tin ++	<5.0	<5.0	<5.0	12
Soluble Zinc (Zn)	<100	<100	<100	46000



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Element	Result (mg/kg)			Limit (mg/kg)
	(16)	(17)	(18)	
Soluble Aluminium (Al)	<300	<300	<300	28130
Soluble Antimony (Sb)	<10	<10	<10	560
Soluble Arsenic (As)	<10	<10	<10	47
Soluble Barium (Ba)	<10	<10	<10	18750
Soluble Boron (B)	<50	<50	<50	15000
Soluble Cadmium (Cd)	<5	<5	<5	17
Soluble Chromium (III) (Cr III)	<10	<10	<10	460
Soluble Chromium (VI) (Cr VI)	<0.025	<0.025	<0.025	0.053
Soluble Cobalt (Co)	<10	<10	<10	130
Soluble Copper (Cu)	<10	<10	<10	7700
Soluble Lead (Pb)	<10	<10	<10	23
Soluble Manganese (Mn)	<10	<10	<10	15000
Soluble Mercury (Hg)	<10	<10	<10	94
Soluble Nickel (Ni)	<10	<10	<10	930
Soluble Selenium (Se)	<10	<10	<10	460
Soluble Strontium (Sr)	<100	<100	<100	56000
Soluble Tin (Sn)	<10	<10	<10	180000
Soluble Organic tin ++	<5.0	<5.0	<5.0	12
Soluble Zinc (Zn)	<100	<100	<100	46000

Element	Result (mg/kg)			Limit (mg/kg)
	(19)	(20)	(21)	
Soluble Aluminium (Al)	<300	<300	<300	28130
Soluble Antimony (Sb)	<10	<10	<10	560
Soluble Arsenic (As)	<10	<10	<10	47
Soluble Barium (Ba)	<10	<10	<10	18750
Soluble Boron (B)	<50	<50	<50	15000
Soluble Cadmium (Cd)	<5	<5	<5	17
Soluble Chromium (III) (Cr III)	<10	<10	<10	460
Soluble Chromium (VI) (Cr VI)	<0.025	<0.025	<0.025	0.053
Soluble Cobalt (Co)	<10	<10	<10	130
Soluble Copper (Cu)	<10	<10	<10	7700
Soluble Lead (Pb)	<10	<10	<10	23
Soluble Manganese (Mn)	<10	<10	<10	15000
Soluble Mercury (Hg)	<10	<10	<10	94
Soluble Nickel (Ni)	<10	<10	<10	930
Soluble Selenium (Se)	<10	<10	<10	460
Soluble Strontium (Sr)	<100	<100	<100	56000
Soluble Tin (Sn)	<10	<10	<10	180000



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Element	Result (mg/kg)			Limit (mg/kg)
	(19)	(20)	(21)	
Soluble Organic tin ++	<5.0	<5.0	<5.0	12
Soluble Zinc (Zn)	<100	<100	<100	46000

mg/kg = milligram per kilogram

++ : Unless the test result was marked with "Δ", Organic tin content was not directly determined and was derived from migration result of total tin.

Organic tin test result was expressed as tributyl tin.

Chromium (III) value was calculated as difference between migration results of total Chromium and Chromium (VI) .

Tested Components:

- (1) Coatings (red, yellow) on plastic (logo of box).
- (2) Paper sheet with coatings (instruction book).
- (3) White plastic (cover of box).
- (4) Translucent plastic (box).
- (5) Grey plastic (roller).
- (6) Shiny white plastic (wheel, block).
- (7) Dull black plastic (tire).
- (8) Light grey plastic (tool, block).
- (9) Shiny black plastic (joint, block).
- (10) Light blue plastic (block).
- (11) Dark blue plastic (block).
- (12) Dark green plastic (block).
- (13) Red plastic (block).
- (14) Dark yellow plastic (block).
- (15) Brown plastic (block).
- (16) Light green plastic (block).
- (17) Light pink plastic (block).
- (18) Orange plastic (block).
- (19) Transparent plastic (block).
- (20) Transparent yellow plastic (block).
- (21) Transparent red plastic (block).

Date sample received : Apr 01, 2026

Test Period : Apr 01, 2026 to Apr 08, 2026



TEST REPORT

Number : HKGH03343451 S1

(7) Phthalate Content Test

Test Method : ISO 8124-6 : 2023 method A with internal standard calibration, by Gas Chromatographic-Mass Spectrometric (GC-MS) analysis.

Seven Phthalates content:

Compound	Result (% w/w)			Limit (% w/w)
	(1)	(2/3/4)	(5/6/7)	
Dibutyl phthalate (DBP)	<0.0100	<0.0100	<0.0100	--
Diethyl hexyl phthalate (DEHP)	<0.0100	<0.0100	<0.0100	--
Benzyl butyl phthalate (BBP)	<0.0100	<0.0100	<0.0100	--
Diisobutyl phthalate (DIBP)	<0.0100	<0.0100	<0.0100	--
Sum of DBP, DEHP, BBP & DIBP	<0.0100	<0.0100	<0.0100	0.1
Diisononyl phthalate (DINP)	<0.0100	<0.0100	<0.0100	--
Di-n-octyl phthalate (DnOP)	<0.0100	<0.0100	<0.0100	--
Diisodecyl phthalate (DIDP)	<0.0100	<0.0100	<0.0100	--
Sum of DINP, DnOP & DIDP	<0.0100	<0.0100	<0.0100	0.1

Compound	Result (% w/w)			Limit (% w/w)
	(8/9/10)	(11/12/13)	(14/15/16)	
Dibutyl phthalate (DBP)	<0.0100	<0.0100	<0.0100	--
Diethyl hexyl phthalate (DEHP)	<0.0100	<0.0100	<0.0100	--
Benzyl butyl phthalate (BBP)	<0.0100	<0.0100	<0.0100	--
Diisobutyl phthalate (DIBP)	<0.0100	<0.0100	<0.0100	--
Sum of DBP, DEHP, BBP & DIBP	<0.0100	<0.0100	<0.0100	0.1
Diisononyl phthalate (DINP)	<0.0100	<0.0100	<0.0100	--
Di-n-octyl phthalate (DnOP)	<0.0100	<0.0100	<0.0100	--
Diisodecyl phthalate (DIDP)	<0.0100	<0.0100	<0.0100	--
Sum of DINP, DnOP & DIDP	<0.0100	<0.0100	<0.0100	0.1



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Compound	Result (% w/w)		Limit (% w/w)
	(17/18)	(19/20)	
Dibutyl phthalate (DBP)	<0.0100	<0.0100	--
Diethyl hexyl phthalate (DEHP)	<0.0100	<0.0100	--
Benzyl butyl phthalate (BBP)	<0.0100	<0.0100	--
Diisobutyl phthalate (DIBP)	<0.0100	<0.0100	--
Sum of DBP, DEHP, BBP & DIBP	<0.0100	<0.0100	0.1
Diisononyl phthalate (DINP)	<0.0100	<0.0100	--
Di-n-octyl phthalate (DnOP)	<0.0100	<0.0100	--
Diisodecyl phthalate (DIDP)	<0.0100	<0.0100	--
Sum of DINP, DnOP & DIDP	<0.0100	<0.0100	0.1

The above limit was quoted according to Annex XVII Items 51 & 52 of the REACH Regulation (EC) no. 1907/2006, amendment no. 552/2009 taking into account the (EU) regulation 2018/2005 modifying entry 51 for which the DIBP shall not be placed on the market after 7 July 2020 in toys or childcare articles, individually or in any combination with the first three phthalates which already exist in the entry 51, in a concentration equal to or greater than 0,1 % by weight of the plasticised material.

Tested Components:

- (1) Coatings on sample (logo of box, instruction book).
- (2) White plastic (cover of box).
- (3) Translucent plastic (box).
- (4) Grey plastic (roller).
- (5) Shiny white plastic (wheel, block).
- (6) Dull black plastic (tire).
- (7) Light grey plastic (tool, block).
- (8) Shiny black plastic (joint, block).
- (9) Light blue plastic (block).
- (10) Dark blue plastic (block).
- (11) Dark green plastic (block).
- (12) Red plastic (block).
- (13) Dark yellow plastic (block).
- (14) Brown plastic (block).
- (15) Light green plastic (block).
- (16) Light pink plastic (block).
- (17) Orange plastic (block).
- (18) Transparent plastic (block).
- (19) Transparent yellow plastic (block).
- (20) Transparent red plastic (block).

Date sample received : Apr 01, 2026
 Test Period : Apr 01, 2026 to Apr 09, 2026



TEST REPORT

Number : HKGH03343451 S1

(8) Cadmium (Cd) Content

Test Method : In House method TC008.TP. Acid digestion method was used and total Cadmium content was determined by Inductively Coupled Argon Plasma Spectrometry.

Tested Component	Result in %, w/w	Limit in %, w/w
(1)	ND	0.1
(2)	ND	0.1
(3/4/5)	ND	0.01
(6/7/8)	ND	0.01
(9/10/11)	ND	0.01
(12/13/14)	ND	0.01
(15/16/17)	ND	0.01
(18/19)	ND	0.01
(20/21)	ND	0.01

ND : Not detected (< 0.0005%)

The above limit was quoted according to Regulation (EC) No. 1907/2006 on REACH Annex XVII as amended by Commission Regulation (EU) No. 835/2012 and Commission Regulation (EU) 2016/217

Tested Components:

- (1) Coatings on paper sheet (instruction book).
- (2) Coatings (red, yellow) on plastic (logo of box).
- (3) White plastic (cover of box).
- (4) Translucent plastic (box).
- (5) Grey plastic (roller).
- (6) Shiny white plastic (wheel, block).
- (7) Dull black plastic (tire).
- (8) Light grey plastic (tool, block).
- (9) Shiny black plastic (joint, block).
- (10) Light blue plastic (block).
- (11) Dark blue plastic (block).
- (12) Dark green plastic (block).
- (13) Red plastic (block).
- (14) Dark yellow plastic (block).
- (15) Brown plastic (block).
- (16) Light green plastic (block).
- (17) Light pink plastic (block).
- (18) Orange plastic (block).
- (19) Transparent plastic (block).
- (20) Transparent yellow plastic (block).
- (21) Transparent red plastic (block).

Date sample received : Apr 01, 2026

Test Period : Apr 01, 2026 to Apr 08, 2026



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(9) Physical and Mechanical Tests

Test Standard : ASTM Standard Consumer Safety Specification for Toy Safety F963-23

Age group for testing : For Ages Over 5 Years

The submitted samples were undergone the use and abuse tests in accordance with the Federal Hazardous Substances Act (FHSA), Title 16, Code of Federal Regulations : -		
<u>Test</u>	<u>FHSA</u>	<u>Parameter</u>
Compression test	Section 1500.53(g)	30 lbf
Drop Test	Section 1500.53(b)	4 x 3.0 ft
Tension test	Section 1500.53(f)	15 lbf
Torque test	Section 1500.53(e)	4 in-lbf

<u>Clause</u>	<u>Requirement</u>	<u>Assessment</u>
4.1	Material quality	P
4.5	Sound producing toys	NA
4.6.1	Toys intended for children under 36 months of age	NA
4.6.2	Mouth actuated toys	NA
4.6.3	Toys and games for 36 months to 72 months - Small part warning	P
4.7	Accessible edges	P
4.8	Projection	NA
4.9	Accessible points	P
4.10	Wires or rods	NA
4.11	Nails and fasteners	NA
4.12	Plastic film	P
4.13	Folding mechanisms and hinges	NA
4.14	Cords, straps, and elastics	NA
4.15	Stability and overload requirement	NA
4.16	Confined spaces	NA
4.17	Wheels, tires, and axles (96 months of age or less)	P
4.18	Holes, clearance, and accessibility of mechanisms	NA
4.19	Simulated protective devices	NA
4.20	Pacifiers	NA
4.21	Projectile toys	NA
4.22	Teethers and teething toys	NA
4.23	Rattles	NA
4.24	Squeeze toys	NA



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Clause	Requirement	Assessment
4.25	Battery operated toys	NA
4.26	Toys intended to be attached to a crib or playpen	NA
4.27	Stuffed and beanbag type toys	NA
4.28	Stroller and carriage toys	NA
4.29	Art materials	NA
4.30	Toy gun marking	NA
4.31	Balloons	NA
4.32	Certain toys with nearly spherical ends	NA
4.33	Marbles	NA
4.34	Balls	NA
4.35	Pompoms	NA
4.36	Hemispherical shaped objects	NA
4.37	Yo Yo elastic tether toys	NA
4.38	Magnets	NA
4.39	Jaw Entrapment in Handles and Steering Wheels	NA
4.40	Expanding materials	NA
4.41	Toy chests	NA
5	Labeling requirements	P
	- Safety labelling	P
	- Tracking label	P
6	Instructional literature	P
7	Producer's marking	
	- Name of producer / distributor	Yes
	- Address	Yes

Abbreviation : P = Pass NA = Not Applicable



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The submitted samples were undergone the tests in accordance with section 8.5 through section 8.17 and 8.20 through 8.30 on normal use, abuse and specific tests for different types of toys whichever is applicable.

Additional Information

Tracking Label Assessment

Tracking label found on the packaging:

item#09715
YOSHIRITSU CO.,LTD.
43A2BG

item#09722
YOSHIRITSU CO.,LTD.
043A3AJ

item#09739
YOSHIRITSU CO.,LTD.
043A2CH

item#09678
YOSHIRITSU CO.,LTD.
43A5AB

item#09630
YOSHIRITSU CO.,LTD.
43A3BB

item#09685
YOSHIRITSU CO.,LTD.
43A5AB

item#09661
YOSHIRITSU CO.,LTD.
43A4CI

item#09623
YOSHIRITSU CO.,LTD.
43A4CI

item#09647
YOSHIRITSU CO.,LTD.
43A4CI

Note: The tracking label assessment was based on the submitted sample and the information provided by the applicant. There was no verification on the validity of such information.

Date sample received : Apr 01, 2026
Test Period : Apr 01, 2026 to May 12, 2026



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Number : HKGH03343451 S1

(10) Flammability Tests

Test Standard : Section 4.2 of the ASTM Standard Consumer Safety Specification for Toy Safety F963-23.

Result: Ignited but self-extinguished before burn rate could be determined.

Date sample received : Apr 01, 2026

Test Period : Apr 01, 2026 to Apr 20, 2026



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Number : HKGH03343451 S1

(11) Heavy Elements Analysis

Test Method : Sections 8.3.2, 8.3.3, 8.3.4 and 8.3.5 of the ASTM Standard Consumer Safety Specification for Toy Safety F963-23. Acid extraction and analysed by Inductively Coupled Argon Plasma Spectrometry.

Materials other than modelling clay:

Element	Result (ppm)			Limit (ppm)
	(1)	(2)	(3)	
Soluble Barium (Ba)	<5	<5	<5	1000
Soluble Lead (Pb)	<5	<5	<5	90
Soluble Cadmium (Cd)	<5	<5	<5	75
Soluble Antimony (Sb)	<5	<5	<5	60
Soluble Selenium (Se)	<5	<5	<5	500
Soluble Chromium (Cr)	<5	<5	<5	60
Soluble Mercury (Hg)	<5	<5	<5	60
Soluble Arsenic (As)	<2.5	<2.5	<2.5	25

Element	Result (ppm)			Limit (ppm)
	(4)	(5)	(6)	
Soluble Barium (Ba)	<5	<5	<5	1000
Soluble Lead (Pb)	<5	<5	<5	90
Soluble Cadmium (Cd)	<5	<5	<5	75
Soluble Antimony (Sb)	<5	<5	<5	60
Soluble Selenium (Se)	<5	<5	<5	500
Soluble Chromium (Cr)	<5	<5	<5	60
Soluble Mercury (Hg)	<5	<5	<5	60
Soluble Arsenic (As)	<2.5	<2.5	<2.5	25

Element	Result (ppm)			Limit (ppm)
	(7)	(8)	(9)	
Soluble Barium (Ba)	<5	<5	<5	1000
Soluble Lead (Pb)	<5	<5	<5	90
Soluble Cadmium (Cd)	<5	<5	<5	75
Soluble Antimony (Sb)	<5	<5	<5	60
Soluble Selenium (Se)	<5	<5	<5	500
Soluble Chromium (Cr)	<5	<5	<5	60
Soluble Mercury (Hg)	<5	<5	<5	60
Soluble Arsenic (As)	<2.5	<2.5	<2.5	25



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Element	Result (ppm)			Limit (ppm)
	(10)	(11)	(12)	
Soluble Barium (Ba)	<5	<5	<5	1000
Soluble Lead (Pb)	<5	<5	<5	90
Soluble Cadmium (Cd)	<5	<5	<5	75
Soluble Antimony (Sb)	<5	<5	<5	60
Soluble Selenium (Se)	<5	<5	<5	500
Soluble Chromium (Cr)	<5	<5	<5	60
Soluble Mercury (Hg)	<5	<5	<5	60
Soluble Arsenic (As)	<2.5	<2.5	<2.5	25

Element	Result (ppm)			Limit (ppm)
	(13)	(14)	(15)	
Soluble Barium (Ba)	<5	<5	<5	1000
Soluble Lead (Pb)	<5	<5	<5	90
Soluble Cadmium (Cd)	<5	<5	<5	75
Soluble Antimony (Sb)	<5	<5	<5	60
Soluble Selenium (Se)	<5	<5	<5	500
Soluble Chromium (Cr)	<5	<5	<5	60
Soluble Mercury (Hg)	<5	<5	<5	60
Soluble Arsenic (As)	<2.5	<2.5	<2.5	25

Element	Result (ppm)			Limit (ppm)
	(16)	(17)	(18)	
Soluble Barium (Ba)	<5	<5	<5	1000
Soluble Lead (Pb)	<5	<5	<5	90
Soluble Cadmium (Cd)	<5	<5	<5	75
Soluble Antimony (Sb)	<5	<5	<5	60
Soluble Selenium (Se)	<5	<5	<5	500
Soluble Chromium (Cr)	<5	<5	<5	60
Soluble Mercury (Hg)	<5	<5	<5	60
Soluble Arsenic (As)	<2.5	<2.5	<2.5	25



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Element	Result (ppm)			Limit (ppm)
	(19)	(20)	(21)	
Soluble Barium (Ba)	<5	<5	<5	1000
Soluble Lead (Pb)	<5	<5	<5	90
Soluble Cadmium (Cd)	<5	<5	<5	75
Soluble Antimony (Sb)	<5	<5	<5	60
Soluble Selenium (Se)	<5	<5	<5	500
Soluble Chromium (Cr)	<5	<5	<5	60
Soluble Mercury (Hg)	<5	<5	<5	60
Soluble Arsenic (As)	<2.5	<2.5	<2.5	25

The above limit was quoted according to Section 4.3.5 of the ASTM Standard Consumer Safety Specification for Toy Safety F963-23

ppm = parts per million = mg/kg

Tested Components:

- (1) Coatings on paper sheet (instruction book).
- (2) Coatings (red, yellow) on plastic (logo of box).
- (3) White plastic (cover of box).
- (4) Translucent plastic (box).
- (5) Grey plastic (roller).
- (6) Shiny white plastic (wheel, block).
- (7) Dull black plastic (tire).
- (8) Light grey plastic (tool, block).
- (9) Shiny black plastic (joint, block).
- (10) Light blue plastic (block).
- (11) Dark blue plastic (block).
- (12) Dark green plastic (block).
- (13) Red plastic (block).
- (14) Dark yellow plastic (block).
- (15) Brown plastic (block).
- (16) Light green plastic (block).
- (17) Light pink plastic (block).
- (18) Orange plastic (block).
- (19) Transparent plastic (block).
- (20) Transparent yellow plastic (block).
- (21) Transparent red plastic (block).



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Decision Rule:

∞ : Materials are deemed to comply with the requirements if the adjusted analytical result is less than or equal to the limit of this table.

The analytical result of materials shall be adjusted by subtracting the analytical correction in below table to obtain an adjusted analytical result.

Elements	Sb	As	Ba	Cd	Cr	Pb	Hg	Se
Analytical Correction(%)	60	60	30	30	30	30	50	60

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(12) Total Lead (Pb) Content

Test Method : CPSC-CH-E1001-08.3, CPSC-CH-E1002-08.3 or/and CPSC-CH-E1003-09.1,
analysed by Inductively Coupled Argon Plasma Spectrometry.

Coating:

Tested Component	Result in ppm	Limit in ppm
(1)	<20	90
(2)	<20	90

Substrate:

Tested Component	Result in ppm	Limit in ppm
(3/4/5)	<20	100
(6/7/8)	<20	100
(9/10/11)	<20	100
(12/13/14)	<20	100
(15/16/17)	<20	100
(18/19)	<20	100
(20/21)	<20	100

The above limit was quoted according to Section 4.3.5.1 (1) and 4.3.5.2 (2)(a) of the ASTM standard Consumer Safety Specification for Toy Safety F963-23.

ppm = parts per million = mg/kg

Tested Components:

- (1) Coatings on paper sheet (instruction book).
- (2) Coatings (red, yellow) on plastic (logo of box).
- (3) White plastic (cover of box).
- (4) Translucent plastic (box).
- (5) Grey plastic (roller).
- (6) Shiny white plastic (wheel, block).
- (7) Dull black plastic (tire).
- (8) Light grey plastic (tool, block).
- (9) Shiny black plastic (joint, block).
- (10) Light blue plastic (block).
- (11) Dark blue plastic (block).
- (12) Dark green plastic (block).
- (13) Red plastic (block).
- (14) Dark yellow plastic (block).
- (15) Brown plastic (block).
- (16) Light green plastic (block).
- (17) Light pink plastic (block).
- (18) Orange plastic (block).
- (19) Transparent plastic (block).



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- (20) Transparent yellow plastic (block).
- (21) Transparent red plastic (block).

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(13) Phthalate Content Test

Test Method : Standard Operating Procedure for Determining Phthalates, test method CPSC-CH-C1001-09.4 was used and phthalate content was determined by Gas Chromatographic-Mass Spectrometric (GC-MS) analysis.

Compound	Result (% w/w)			Limit (% w/w)
	(1)	(2/3/4)	(5/6/7)	
Dibutyl phthalate (DBP)	<0.01	<0.01	<0.01	0.1
Diethyl hexyl phthalate (DEHP)	<0.01	<0.01	<0.01	0.1
Benzyl butyl phthalate (BBP)	<0.01	<0.01	<0.01	0.1
Diisononyl phthalate (DINP)	<0.015	<0.015	<0.015	0.1
Diisobutyl phthalate (DIBP)	<0.01	<0.01	<0.01	0.1
Di-n-pentyl phthalate (DPP) / (DPENP)	<0.01	<0.01	<0.01	0.1
Di-n-hexyl phthalate (DNHP) / (DHEXP)	<0.01	<0.01	<0.01	0.1
Dicyclohexyl phthalate (DCHP)	<0.01	<0.01	<0.01	0.1

Compound	Result (% w/w)			Limit (% w/w)
	(8/9/10)	(11/12/13)	(14/15/16)	
Dibutyl phthalate (DBP)	<0.01	<0.01	<0.01	0.1
Diethyl hexyl phthalate (DEHP)	<0.01	<0.01	<0.01	0.1
Benzyl butyl phthalate (BBP)	<0.01	<0.01	<0.01	0.1
Diisononyl phthalate (DINP)	<0.015	<0.015	<0.015	0.1
Diisobutyl phthalate (DIBP)	<0.01	<0.01	<0.01	0.1
Di-n-pentyl phthalate (DPP) / (DPENP)	<0.01	<0.01	<0.01	0.1
Di-n-hexyl phthalate (DNHP) / (DHEXP)	<0.01	<0.01	<0.01	0.1
Dicyclohexyl phthalate (DCHP)	<0.01	<0.01	<0.01	0.1



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Compound	Result (% w/w)		Limit (% w/w)
	(17/18)	(19/20)	
Dibutyl phthalate (DBP)	<0.01	<0.01	0.1
Diethyl hexyl phthalate (DEHP)	<0.01	<0.01	0.1
Benzyl butyl phthalate (BBP)	<0.01	<0.01	0.1
Diisononyl phthalate (DINP)	<0.015	<0.015	0.1
Diisobutyl phthalate (DIBP)	<0.01	<0.01	0.1
Di-n-pentyl phthalate (DPP) / (DPENP)	<0.01	<0.01	0.1
Di-n-hexyl phthalate (DNHP) / (DHEXP)	<0.01	<0.01	0.1
Dicyclohexyl phthalate (DCHP)	<0.01	<0.01	0.1

The above limits are quoted from standard ASTM F963-23 section 4.3.8

Tested Components:

- (1) Coatings on sample (logo of box, instruction book).
- (2) White plastic (cover of box).
- (3) Translucent plastic (box).
- (4) Grey plastic (roller).
- (5) Shiny white plastic (wheel, block).
- (6) Dull black plastic (tire).
- (7) Light grey plastic (tool, block).
- (8) Shiny black plastic (joint, block).
- (9) Light blue plastic (block).
- (10) Dark blue plastic (block).
- (11) Dark green plastic (block).
- (12) Red plastic (block).
- (13) Dark yellow plastic (block).
- (14) Brown plastic (block).
- (15) Light green plastic (block).
- (16) Light pink plastic (block).
- (17) Orange plastic (block).
- (18) Transparent plastic (block).
- (19) Transparent yellow plastic (block).
- (20) Transparent red plastic (block).

Date sample received : Apr 01, 2026
 Test Period : Apr 01, 2026 to Apr 09, 2026



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(14) Total Lead (Pb) Content in Non-Surface Coating Materials (Substrate)

Test Method : Standard Operating Procedures for Determining Total Lead (Pb) in Children's Products, test methods CPSC-CH-E1002-08.3 and/or CPSC-CH-E1001.08.3, analysed by Inductively Coupled Argon Plasma Spectrometry.

Tested Component	Result in ppm	Limit in ppm
(1/2/3)	<20	100
(4/5/6)	<20	100
(7/8/9)	<20	100
(10/11/12)	<20	100
(13/14/15)	<20	100
(16/17)	<20	100
(18/19)	<20	100

The above limit was quoted according to U.S. Consumer Product Safety Improvement Act 2008 Title I, Section 101.

Tested Components:

- (1) White plastic (cover of box).
- (2) Translucent plastic (box).
- (3) Grey plastic (roller).
- (4) Shiny white plastic (wheel, block).
- (5) Dull black plastic (tire).
- (6) Light grey plastic (tool, block).
- (7) Shiny black plastic (joint, block).
- (8) Light blue plastic (block).
- (9) Dark blue plastic (block).
- (10) Dark green plastic (block).
- (11) Red plastic (block).
- (12) Dark yellow plastic (block).
- (13) Brown plastic (block).
- (14) Light green plastic (block).
- (15) Light pink plastic (block).
- (16) Orange plastic (block).
- (17) Transparent plastic (block).
- (18) Transparent yellow plastic (block).
- (19) Transparent red plastic (block).

Date sample received : Apr 01, 2026

Test Period : Apr 01, 2026 to Apr 08, 2026



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(15) Total Lead (Pb) Content in Surface Coating

Test Method : Standard Operating Procedure for Determining Lead (Pb) in Paint and Other Similar Surface Coatings, test method CPSC-CH-E1003-09.1, analysed by Inductively Coupled Argon Plasma Spectrometry.

Tested Component	Result in ppm	Limit in ppm
(1)	<20	90
(2)	<20	90

The Above limit was quoted according to U.S. CFR Title 16 Part 1303 and U.S. Consumer Product Safety Improvement Act 2008 Title I, Section 101.

ppm = parts per million = mg/kg

Tested Components:

- (1) Coatings on paper sheet (instruction book).
- (2) Coatings (red, yellow) on plastic (logo of box).

Date sample received : Apr 01, 2026
Test Period : Apr 01, 2026 to Apr 08, 2026



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(16) Phthalate Content Test

Test Method : Standard Operating Procedure for Determining Phthalates, test method CPSC-CH-C1001-09.4 was used and phthalate content was determined by Gas Chromatographic-Mass Spectrometric (GC-MS) analysis.

Compound	Result (% w/w)			Limit (% w/w)
	(1)	(2/3/4)	(5/6/7)	
Dibutyl phthalate (DBP)	<0.01	<0.01	<0.01	0.1
Diethyl hexyl phthalate (DEHP)	<0.01	<0.01	<0.01	0.1
Benzyl butyl phthalate (BBP)	<0.01	<0.01	<0.01	0.1
Diisononyl phthalate (DINP)	<0.015	<0.015	<0.015	0.1
Diisobutyl phthalate (DIBP)	<0.01	<0.01	<0.01	0.1
Di-n-pentyl phthalate (DPP) / (DPENP)	<0.01	<0.01	<0.01	0.1
Di-n-hexyl phthalate (DNHP) / (DHEXP)	<0.01	<0.01	<0.01	0.1
Dicyclohexyl phthalate (DCHP)	<0.01	<0.01	<0.01	0.1

Compound	Result (% w/w)			Limit (% w/w)
	(8/9/10)	(11/12/13)	(14/15/16)	
Dibutyl phthalate (DBP)	<0.01	<0.01	<0.01	0.1
Diethyl hexyl phthalate (DEHP)	<0.01	<0.01	<0.01	0.1
Benzyl butyl phthalate (BBP)	<0.01	<0.01	<0.01	0.1
Diisononyl phthalate (DINP)	<0.015	<0.015	<0.015	0.1
Diisobutyl phthalate (DIBP)	<0.01	<0.01	<0.01	0.1
Di-n-pentyl phthalate (DPP) / (DPENP)	<0.01	<0.01	<0.01	0.1
Di-n-hexyl phthalate (DNHP) / (DHEXP)	<0.01	<0.01	<0.01	0.1
Dicyclohexyl phthalate (DCHP)	<0.01	<0.01	<0.01	0.1

Compound	Result (% w/w)		Limit (% w/w)
	(17/18)	(19/20)	
Dibutyl phthalate (DBP)	<0.01	<0.01	0.1
Diethyl hexyl phthalate (DEHP)	<0.01	<0.01	0.1
Benzyl butyl phthalate (BBP)	<0.01	<0.01	0.1
Diisononyl phthalate (DINP)	<0.015	<0.015	0.1
Diisobutyl phthalate (DIBP)	<0.01	<0.01	0.1



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Compound	Result (% w/w)		Limit (% w/w)
	(17/18)	(19/20)	
Di-n-pentyl phthalate (DPP) / (DPENP)	<0.01	<0.01	0.1
Di-n-hexyl phthalate (DNHP) / (DHEXP)	<0.01	<0.01	0.1
Dicyclohexyl phthalate (DCHP)	<0.01	<0.01	0.1

The above limits are quoted from Federal Register, Vol. 82, No. 207, October 27, 2017, Rules and Regulations, Final rule for 16 CFR Part 1307 "Prohibition of Children's Toys and Child Care Articles Containing Specified Phthalates" effective from April 25, 2018.

Tested Components:

- (1) Coatings on sample (logo of box, instruction book).
- (2) White plastic (cover of box).
- (3) Translucent plastic (box).
- (4) Grey plastic (roller).
- (5) Shiny white plastic (wheel, block).
- (6) Dull black plastic (tire).
- (7) Light grey plastic (tool, block).
- (8) Shiny black plastic (joint, block).
- (9) Light blue plastic (block).
- (10) Dark blue plastic (block).
- (11) Dark green plastic (block).
- (12) Red plastic (block).
- (13) Dark yellow plastic (block).
- (14) Brown plastic (block).
- (15) Light green plastic (block).
- (16) Light pink plastic (block).
- (17) Orange plastic (block).
- (18) Transparent plastic (block).
- (19) Transparent yellow plastic (block).
- (20) Transparent red plastic (block).

Date sample received : Apr 01, 2026

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(17) Total Lead (Pb) content

Test Method : Acid digestion and analysed by Inductively Coupled Argon Plasma Spectrometry.

Coating:

Tested Component	Result in %, w/w	Limit in %, w/w
(1)	<0.0020	0.009
(2)	<0.0020	0.009

Substrate:

Tested Component	Result in %, w/w	Limit in %, w/w
(3/4/5)	<0.0020	0.010
(6/7/8)	<0.0020	0.010
(9/10/11)	<0.0020	0.010
(12/13/14)	<0.0020	0.010
(15/16/17)	<0.0020	0.010
(18/19)	<0.0020	0.010
(20/21)	<0.0020	0.010

The above limit was quoted from the Consent Judgement no. RG-356892 settled by Superior Court of the State of California for the County of Alameda, for toys based on the California Proposition 65.

Tested Components:

- (1) Coatings on paper sheet (instruction book).
- (2) Coatings (red, yellow) on plastic (logo of box).
- (3) White plastic (cover of box).
- (4) Translucent plastic (box).
- (5) Grey plastic (roller).
- (6) Shiny white plastic (wheel, block).
- (7) Dull black plastic (tire).
- (8) Light grey plastic (tool, block).
- (9) Shiny black plastic (joint, block).
- (10) Light blue plastic (block).
- (11) Dark blue plastic (block).
- (12) Dark green plastic (block).
- (13) Red plastic (block).
- (14) Dark yellow plastic (block).
- (15) Brown plastic (block).
- (16) Light green plastic (block).
- (17) Light pink plastic (block).
- (18) Orange plastic (block).
- (19) Transparent plastic (block).
- (20) Transparent yellow plastic (block).
- (21) Transparent red plastic (block).



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(18) Phthalate Content Test

Test Method : Solvent extraction and Gas Chromatographic-Mass Spectrometric (GC-MS) analysis.

Compound	Result (% w/w)			Limit (% w/w)
	(1)	(2/3/4)	(5/6/7)	
Dibutyl phthalate (DBP)	<0.01	<0.01	<0.01	0.1
Diethyl hexyl phthalate (DEHP)	<0.01	<0.01	<0.01	0.1
Benzyl butyl phthalate (BBP)	<0.01	<0.01	<0.01	0.1
Diisodecyl phthalate (DIDP)	<0.01	<0.01	<0.01	0.1
Di-n-hexyl phthalate (DNHP)	<0.01	<0.01	<0.01	0.1
Diisononyl phthalate (DINP)	<0.01	<0.01	<0.01	--

Compound	Result (% w/w)			Limit (% w/w)
	(8/9/10)	(11/12/13)	(14/15/16)	
Dibutyl phthalate (DBP)	<0.01	<0.01	<0.01	0.1
Diethyl hexyl phthalate (DEHP)	<0.01	<0.01	<0.01	0.1
Benzyl butyl phthalate (BBP)	<0.01	<0.01	<0.01	0.1
Diisodecyl phthalate (DIDP)	<0.01	<0.01	<0.01	0.1
Di-n-hexyl phthalate (DNHP)	<0.01	<0.01	<0.01	0.1
Diisononyl phthalate (DINP)	<0.01	<0.01	<0.01	--

Compound	Result (% w/w)		Limit (% w/w)
	(17/18)	(19/20)	
Dibutyl phthalate (DBP)	<0.01	<0.01	0.1
Diethyl hexyl phthalate (DEHP)	<0.01	<0.01	0.1
Benzyl butyl phthalate (BBP)	<0.01	<0.01	0.1
Diisodecyl phthalate (DIDP)	<0.01	<0.01	0.1
Di-n-hexyl phthalate (DNHP)	<0.01	<0.01	0.1
Diisononyl phthalate (DINP)	<0.01	<0.01	--

The above limit was quoted from the Consent Judgment no. BG-350969 settled by superior court of the state of California for the county of Alameda, for Toys (designed for or reasonable used by children under six years of age) set based on the California Proposition 65.



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Tested Components:

- (1) Coatings on sample (logo of box, instruction book).
- (2) White plastic (cover of box).
- (3) Translucent plastic (box).
- (4) Grey plastic (roller).
- (5) Shiny white plastic (wheel, block).
- (6) Dull black plastic (tire).
- (7) Light grey plastic (tool, block).
- (8) Shiny black plastic (joint, block).
- (9) Light blue plastic (block).
- (10) Dark blue plastic (block).
- (11) Dark green plastic (block).
- (12) Red plastic (block).
- (13) Dark yellow plastic (block).
- (14) Brown plastic (block).
- (15) Light green plastic (block).
- (16) Light pink plastic (block).
- (17) Orange plastic (block).
- (18) Transparent plastic (block).
- (19) Transparent yellow plastic (block).
- (20) Transparent red plastic (block).

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End of report

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