



Test Report

Report No.: CCL240902026E

Report Date: May. 16, 2025

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Applicant : Qingmiao Stationery Factory
Address : Lingxiatang Village, Datian Township, Wuyi County, Jinhua City, Zhejiang Province

The Submitted Sample Said To Be

Sample Name : crayon
Type No. : 0.8×8.8mm
Manufacturer : Qingmiao Stationery Factory
Manufacturer Address : Lingxiatang Village, Datian Township, Wuyi County, Jinhua City, Zhejiang Province
Labeled Age Grading : Not Provided
Requested Age Grading : 3+
Age Group Applied in Testing : 3+
Date of Sample Received : Sep. 02, 2024
Test Period : Sep. 02, 2024 ~ Sep. 05, 2024

Test Conducted : As requested by the applicant, refer to following page(s) for details.

Executive Summary:

<u>Tested sample(s)</u>	<u>Standard</u>	<u>Conclusion</u>
Tested components of submitted sample	EN 71-1: 2014+A1: 2018 – Physical and Mechanical Tests	Pass
	EN 71-2: 2020 – Flammability Test	Pass
	EN 71-3: 2019+A1: 2021 – Migration of certain elements	Pass

Signed for and on behalf of
Compliance Control Lab (Dongguan) Co., LTD.

Prepared by:

Nell

Reviewed by:

Peng

Approved by:

Gavin



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Test Results:

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

As Specified in European Standard on Safety of Toys EN 71 Part 1: 2014+A1: 2018

Clause	Description	Assessment
4	General requirements	--
4.1	Material cleanliness (by visual assessment)	Pass
4.2	Assembly	N/A
4.3	Flexible plastic sheeting	N/A
4.4	Toy Bags	N/A
4.5	Glass	N/A
4.6	Expanding Materials	N/A
4.7	Edges	Pass
4.8	Points and Metallic Wires	Pass
4.9	Protruding parts	N/A
4.10	Parts moving against each other:	--
4.10.1	Folding and sliding mechanisms	N/A
4.10.2	Driving mechanisms	N/A
4.10.3	Hinges	N/A
4.10.4	Springs	N/A
4.11	Mouth-actuated toys and other toys intended to be put in the mouth	N/A
4.12	Balloons	N/A
4.13	Cords of toy kites and other flying toys	N/A
4.14	Enclosures:	--
4.14.1	Toys which a child can enter	N/A
4.14.2	Masks and helmets	N/A
4.15	Toys intended to bear the mass of a child:	--
4.15.1	Toys propelled by a child or by other means	N/A
4.15.2	Toy bicycles	N/A
4.15.3	Rocking horses and similar toys	N/A
4.15.4	Toys not propelled by a child	N/A
4.15.5	Toy scooters	N/A
4.16	Heavy immobile toys	N/A
4.17	Projectile toys	N/A

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Clause	Description	Assessment
4.18	Aquatic toys and inflatable toys	N/A
4.19	Percussion caps specifically designed for use in toys and toys using percussion caps	N/A
4.20	Acoustics	N/A
4.21	Toys containing a non-electrical heat source	N/A
4.22	Small balls	N/A
4.23	Magnets	N/A
4.24	Yo-yo balls	N/A
4.25	Toys attached to food	N/A
4.26	Toy Disguise Costumes	N/A
4.27	Flying toys	N/A
5	Toys intended for children under 36 months	--
5.1	General requirements	N/A
5.1a	Small part requirement on toys & removable components (Test method 8.2)	N/A
5.1b	Torque test (Test method 8.3)	N/A
	Tension test (Test method 8.4)	N/A
	Drop test (Test method 8.5)	N/A
	Tip over test (Test method 8.6)	N/A
	Impact test (Test method 8.7)	N/A
	Compression test (Test method 8.8)	N/A
	Sharp edge (Test method 8.11)	N/A
	Sharp point (Test method 8.12)	N/A
	Tension test for magnet (Test method 8.34)	N/A
5.1c	Potential hazardous metal points and wires with a cross section of 2mm or less	N/A
5.1d	Large and bulky toys	N/A
5.1e	Glued wooden toys and toys with glued on plastic decals plastic decals	N/A
5.1f	The casing of toys intended for children too young to sit up unaided	N/A
5.1g	Foam toys and toys containing accessible foam components	N/A
5.2	Soft-filled toys and soft-filled parts of a toy	N/A
5.3	Plastic sheeting	N/A
5.4	Cords, chains and electrical cables in toys	N/A
5.5	Liquid filled toys	N/A
5.6	Speed limitation of electrically-driven ride-on toys	N/A

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Clause	Description	Assessment
5.7	Glass and porcelain	N/A
5.8	Shape and size of certain toys	N/A
5.9	Toys comprising monofilament fibres	N/A
5.10	Small balls	N/A
5.11	Play figures	N/A
5.12	Hemispheric shaped toys	N/A
5.13	Suction cups	N/A
5.14	Straps intended to be worn fully or partially around the neck	N/A
5.15	Sledges with cords for pulling	N/A
6	Packaging	N/A
7	Warnings, markings and instructions for use	--
7.1	General	Pass
7.2	Toys not intended for children under 36 months	Pass
7.3	Latex Balloons	N/A
7.4	Aquatic toys	N/A
7.5	Functional Toys	N/A
7.6	Hazardous sharp functional edges and points	N/A
7.7	Projectile toys	N/A
7.8	Imitation protective masks and helmets	N/A
7.9	Toy kites	N/A
7.10	Roller skates, inline skates, skateboards and certain other ride-on toys	N/A
7.11	Toys otherwise intended to be strung across a cradle, cot, or perambulator	N/A
7.12	Liquid-filled teethingers	N/A
7.13	Percussion caps specifically designed for use in toys	N/A
7.14	Acoustics	N/A
7.15	Toy bicycles	N/A
7.16	Toys intended to bear the mass of a child	N/A
7.17	Toys comprising monofilament fibres	N/A
7.18	Toy scooters	N/A
7.19	Rocking horses and similar toys	N/A
7.20	Magnetic/electrical experimental sets	N/A
7.21	Toys with electrical cables exceeding 300mm in length	N/A

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Clause	Description	Assessment
7.22	Toys with cords or chains intended for children of 18 months and over but under 36 months	N/A
7.23	Toys intended to be attached to a cradle, cot or perambulator	N/A
7.24	Sledges with cords for pulling	N/A
7.25	Flying toys	N/A
7.26	Improvised projectiles	N/A

N/A = Not Applicable

Remark: Additional information according to the Toy Safety Directives 2009/48/EC requirement. These information also appears as a note within the EN71 but are not standard requirements:

1. Marking

The manufacturer's and importer's name, registered trade name or registered trade mark, the address and the CE-marking shall be indicated on the toy or, where that is not possible, on its packaging or in a document accompany the toy. In addition, manufacturers shall ensure that their toys 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.

- Manufacturer's name was missed.
- Manufacturer's address was missed.
- Importer's name was missed.
- Importer's address was missed.
- Product identification code was missed.
- CE-marking was missed.

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Test Results:

EN 71-2: 2020 – Flammability Test

As Specified in European Standard on Safety of Toys EN 71 Part 2: 2020

Clause	Description	Assessment
4	Requirements	--
4.1	General requirements	Pass
4.2	Toys to be worn on the head	N/A
4.3	Toy disguise costumes and toys intended to be worn by a child in play	N/A
4.4	Toys intended to be entered by a child	N/A
4.5	Soft-filled toys	N/A

N/A = Not Applicable

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Test Results:

EN 71-3: 2019+A1: 2021 – Migration of certain elements

Test Method: Samples were extracted in diluted hydrochloric acid in accordance with EN 71-3: 2019+A1: 2021, the analysis was performed by ICP-MS.

Test Items	Unit	RL	Test result
			1
Aluminum (Al)	mg/kg	2	N.D.
Antimony (Sb)	mg/kg	2	N.D.
Arsenic (As)	mg/kg	2	N.D.
Barium (Ba)	mg/kg	2	N.D.
Boron (B)	mg/kg	2	N.D.
Cadmium (Cd)	mg/kg	2	N.D.
Chromium (Cr ³⁺) #	mg/kg	0.2	N.D.
Chromium (Cr ⁶⁺) #	mg/kg	0.02	N.D.
Cobalt (Co)	mg/kg	2	N.D.
Copper (Cu)	mg/kg	2	N.D.
Lead (Pb)	mg/kg	2	N.D.
Manganese (Mn)	mg/kg	2	N.D.
Mercury (Hg)	mg/kg	2	N.D.
Nickel (Ni)	mg/kg	2	N.D.
Selenium (Se)	mg/kg	2	N.D.
Strontium (Sr)	mg/kg	2	N.D.
Tin (Sn)	mg/kg	2	N.D.
Organic Tin*	mg/kg	2	N.D.
Zinc (Zn)	mg/kg	2	N.D.

Note:

1. mg/kg = milligram per kilogram (ppm)
2. RL = report limit
3. N.D.= not detected(less than RL)
4. # Soluble Chromium (III) and Soluble Chromium (VI) were reported as Soluble Total Chromium, further confirmation test will be required when Total Chromium is detected.
5. * Soluble Organic Tin was reported as Soluble Tin, further confirmation test will be required when Soluble Tin is detected.
6. All the materials tested belong to scraped-off toy material by identifying.

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Requirement of migration of certain elements content according to EN 71-3: 2019+A1: 2021:

Parameter	Dry, brittle, powder-like or pliable toy material (mg/kg)	Liquid or sticky toy material (mg/kg)	Scraped-off toy material (mg/kg)
Aluminum	2250	560	28130
Antimony	45	11.3	560
Arsenic	3.8	0.9	47
Barium	1500	375	18750
Boron	1200	300	15000
Cadmium	1.3	0.3	17
Chromium (III)	37.5	9.4	460
Chromium Cr(VI)	0.02	0.005	0.053
Cobalt	10.5	2.6	130
Copper	622.5	156	7700
Lead	2	0.5	23
Manganese	1200	300	15000
Mercury	7.5	1.9	94
Nickel	75	18.8	930
Selenium	37.5	9.4	460
Strontium	4500	1125	56000
Tin	15000	3750	180000
Organic tin	0.9	0.2	12
Zinc	3750	938	46000

Tested Materials:

No.	Description
1	Purple crayon

Remark: As specified by the client, the related tests were performed only for the selected materials of submitted sample.

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Photo Appendix



*** End of Report ***

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