



APPLICATION FOR TOYS DIRECTIVE

Sample Name :	Telescope
Brand Name :	Brightsky
Requested Age Grading:	Over 3 years
Age Group Applied in Testing:	Over 3 years
Model :	10*42 Binocular 8*21Binocular, 10*25Binocular, 10*22Binocular, 7*18Monocular, 12*50Binocular, 10-30*25Monocular, 10-30*30Monocular, 8-24*30Monocular, 8*Telephoto lens, 12*Telephoto lens, 18*Telephoto lens, 20*Telephoto lens, 22*Telephoto lens, 36*Telephoto lens, 38*Telephoto lens, 45*Telephoto lens, 50*Telephoto lens, 12*25Binocular, 8*21Monocular, 10*50Monocular, 20*50Binocular, 12*42Binocular, 8*40Binocular, 8*42Binocular, 6*18Binocular, 12*40Binocular, 40*60Monocular, 12*50Monocular, 7*50Binocular, 16*50Binocular
Prepared For :	Nanyang Bright Optical Electronic Instrument Co., Ltd.
Address :	200m to the west of Beijing Rd and Western Guangwu Rd, Wolong District, Nanyang City, Henan Province, China
Prepared By :	Shenzhen DL Testing Technology Co., Ltd.
Address :	Part One of 301, A-2 Factory Building, Yalijia Industrial Plant, No. 87, Hengping Road, Yuanshan Street, Longgang District, Shenzhen, China
Test Date:	Nov. 22, 2019 - Nov. 27, 2019
Date of Report :	Nov. 27, 2019
Report No.:	DL-2019113895R




TEST REPORT

EN71-1, EN71-2, EN71-3 SAFETY OF TOYS

PART 1. SAFETY OF TOYS. MECHANICAL AND PHYSICAL PROPERTIES

PART 2.SAFETY OF TOYS. FLAMMABILITY

PART 3. MIGRATION OF CERTAIN ELEMENTS

Testing Laboratory Name	Shenzhen DL Testing Technology Co., Ltd.
Address	Part One of 301, A-2 Factory Building, Yalijia Industrial Plant, No. 87, Hengping Road, Yuanshan Street, Longgang District, Shenzhen, China
Tested by (name)	<i>Kideo</i>
Compiled by (name)	<i>Niu Zan</i>
Approved by (name)	<i>Jude Long</i>
	
Applicant's Name	Nanyang Bright Optical Electronic Instrument Co., Ltd.
Address	200m to the west of Beijing Rd and Western Guangwu Rd, Wolong District, Nanyang City, Henan Province, China
Manufacturer	Nanyang Bright Optical Electronic Instrument Co., Ltd.
Address	200m to the west of Beijing Rd and Western Guangwu Rd, Wolong District, Nanyang City, Henan Province, China
Test specification	
Submitted sample	EN71 Part 1: 2011+A3:2014 EN71 Part 2: 2011+A1:2014
Tested components of submitted sample	EN71 part 3:2013+A2:2017
Test Result.....	Pass

**Test Result****1. Mechanical and Physical**

As per European standard on safety of toys EN 71-1:2011+ A3:2014.

Clause	Description	Result
4	General requirements	-
4.1	Material (by visual assessment).....	Pass
4.2	Assembly.....	Pass
4.3	Flexible plastics sheeting.....	Pass
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	N/A
4.9	Protruding parts	N/A
4.10	Parts moving against each other:	-
4.10.1	Folding and sliding mechanisms	Pass
4.10.2	Driving mechanisms	N/A
4.10.3	Hinges	N/A
	(Not applicable to products with a hinged part that has a mass less than 250g.)	-
4.10.4	Springs	N/A
4.11	Mouth-actuated toys	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.....	N/A
4.15.1	Toys propelled by the child or by other means	N/A
4.15.2	Free-wheeling 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	Toys scooters.....	N/A
4.16	Heavy immobile toys	N/A



4.17	Projectiles	N/A
4.18	Aquatic toys	N/A
4.19	Percussion caps specifically designed for use in toys.....	N/A
4.20	Acoustics	N/A
4.21	Toys containing a heat source	N/A
4.22	Small balls	N/A
4.23	Magnets.....	N/A
5	Toys intended for children under 36 months	N/A
5.1	General requirements:	N/A
5.1a	Small part requirement on toys & removable	N/A
	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
	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
5.1c	Potential hazardous metal points and wires with a cross section of 2mm or less	N/A
5.1d	Tip over test for Large and bulky toys (Test method 8.6).....	N/A
5.1e	Glued wooden toys and toys with glued on plastic decals	N/A
5.1f	Splinters	N/A
5.1g	The casing of toys intended for children too young to sit up unaided	N/A
5.1h	Foam toys and toys containing accessible foam components.....	N/A
5.2	Filling materials	N/A
5.3	Plastic sheeting	N/A
5.4	Cords on toys	N/A
5.5	Liquid-filled toys	N/A
5.6	Speed limitation of electrically driven toys	N/A
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
6	Packaging	Pass
7	Warnings and instructions for use.....	Pass
7.1	General requirements.....	See Remark 1
	(Remark 1: It is drawn to your attention that the name and address of importer in EEC country and the advice statement for keeping relevant information together with CE-marking should appear as specified in clause 7.1 of this standard.)	Pass
7.2	Toys not intended for children under 36 months	Pass
	(Remark : Toys are small parts as received / become detached as small part after test / (the cord on toy present potential entanglement hazard). It is acceptable because appropriate age warning was found on the packaging.)	N/A
	(Remark : Toys are small parts as received / become detached as small part after test. In order to comply with the requirements of this clause, the toy or its packaging must be marked with "Not suitable for children under 3 years due to small part.")	Pass
	(Remark : No hazard specified in clause 5 was found both before and after abuse test.)	Pass
	(Remark : Age warning should not be required for toys manifestly unsuitable for children under 36 months.)	Pass
	(Remark: No small part was found before and after test.)	Pass
7.3	Latex balloon	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	Projectiles.....	N/A
7.8	Imitation protective masks and helmets	N/A
7.9	Toy kites	N/A
7.10	Roller skates, inline skates and toy skateboards	N/A
7.11	Toys 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	Toys bicycle	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
(I)	Mechanical and Physical Properties	Pass
	General requirements.....	Pass
	Material.....	Pass
	Toy bags.....	Pass
	Glass.....	N/A
	Edges.....	Pass
	Points and wires.....	N/A
	Parts moving against each other.....	N/A
	Hinges.....	N/A
	Packaging.....	Pass
	Warnings and Instructions for use General The name and/of trade name and/of mark and address of the manufacturer of his authorised representative of the importer CE-marking	Pass

N/A = Not Applicable

2. Flammability

As per European standard on safety of toys EN71 Part 2: 2011 + A1:2014.

<u>Clause</u>	<u>Description</u>	<u>Result</u>
4.1	General requirements	Pass

Remark: Only applicable clauses were shown.



3. Migration of Certain Elements

As per European standard on safety of toys EN71 part 3:2013+A2:2017, determined by inductively coupled plasma optical emission spectrometer.

Tested Items	Result	Limit
Aluminium(Al)	<50	70000
Antimony(Sb)	<10	560
Arsenic(As)	<5	47
Barium(Ba)	<50	56000
Boron(B)	<50	15000
Cadmium (Cd)	<5	17
Chromium (III) (Cr(III))	<5	460
Chromium (VI) (Cr(VI))	<0.2	0.2
Cobalt(Co)	<10	130
Copper(Cu)	<50	7700
Lead(Pb)	<10	160
Manganese(Mn)	<50	15000
Mercury(Hg)	<10	94
Nickel(Ni)	<10	930
Selenium (Se)	<10	460
Strontium(Sr)	<50	56000
Tin(Sn)	<50	180000
Organic tin	<5	12
Zinc(Zn)	<50	46000
Conclusion	PASS	

Remark:

- (1) <=less than
- (2) mg/kg=milligram per kilogram
- (3) As per applicant's request, test was conducted only on components listed in this report, other components were not tested.



ANNEX A:

Photo-documentation





*****END OF REPORT*****