



Test Report

No.: NBHL1805007790TY

Date: MAY 26, 2018

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YONGKANG SHIYA ALUMINUM FACTORY

169#, FENGXIANG ROAD, GUSHAN INDUSTRIAL ZONE, YONGKANG CITY, ZHEJIANG

THIS TEST RESULT IS COPIED FROM THE TEST REPORT No.: NBHL1805006245TY, DATE: MAY 17, 2018

The following sample(s) was/were submitted and identified by the client as:

Sample Description : SCOOTER

Sample Quantity : 2SETS

Style No. : L-931

Client Reference Information : L-519, L-518, L-506A, L-521, L-523, L-526, L-528

Labelled Age Grading : NOT STATED

Requested Age Grading : 3+ YEARS

Age Group Assessed As Per Age : 3+ YEARS

Guideline

Age Group Applied in Testing : 3+ YEARS

Sample Receiving Date : MAY 03, 2018

Further Information Date : MAY 14, 2018

Testing Period : MAY 03, 2018 TO MAY 17, 2018

Test Requested

EN 71-1:2014 – Safety of toys – Part 1: Mechanical and Physical Properties
Labeling requirement (Washing/Cleaning Label, CE mark, importer / manufacturer mark (name, address), product identification) according to the Directive 2009/48/EC-
Safety of toys

Result

Pass

See Result

EN 71-2:2011+A1:2014 – Safety of toys – Part 2: Flammability
European Directive (EU) 2017/738 amending 2009/48/EC-Migration of certain
elements

Pass

Pass

Remark : As per client's request, chemical test was conducted on the specific material selected by client.

Signed for and on behalf of
SGS-CSTC Standards Technical Services Co., Ltd. Ningbo Branch

Sarah Li

Sarah Li
Authorized Signatory



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Test Conducted:

European Standard on Safety of Toys

EN 71-1:2014 – **SAFETY OF TOYS – PART 1: MECHANICAL AND PHYSICAL PROPERTIES**

AS SPECIFIED IN EN 71-1: 2014 – SAFETY OF TOYS – PART 1: MECHANICAL AND PHYSICAL PROPERTIES

Clauses relevant to the item:

Clause	Description	Result
4	General requirements	
4.1	Material cleanliness**	<u>Pass</u>
4.2	Assembly	<u>Pass</u>
4.7	Edges	<u>Pass</u>
4.8	Points and metallic wires	<u>Pass</u>
4.9	Protruding parts	<u>Pass</u>
4.15	Toys intended to bear the mass of a child	
	4.15.5 Toys scooters	<u>Pass</u>
7	Warnings, markings and instructions for use	
7.1	General Requirements	<u>Pass</u>
	Note: Please note that for assessing the visibility and legibility of warnings, CEN has introduced good practice in the informative Annex A.33 by addressing the following aspects:	
	a) Emphasising the warning	
	b) Contrast, background and colours	
	c) Reflecting surfaces and obscuring material	
	d) Font type	
	e) Font size	
	f) Logical direction of text	
	For more details, see EN 71-1.	
7.10	Roller skates, inline skates and toy skateboards and certain other ride-on toys	<u>Pass</u>
7.18	Toy scooters	<u>Pass</u>
** Visual Examination		

Only English warnings were checked for the clause 7. According to 2009/48/EC, warnings and safety instructions shall be written in a language or languages easily understood by consumers.

LABELING REQUIREMENT (WASHING/CLEANING INSTRUCTION, CE MARK, IMPORTER / MANUFACTURER NAME AND ADDRESS, PRODUCT IDENTIFICATION) ACCORDING TO THE DIRECTIVE 2009/48/EC – SAFETY OF TOYS

Summary table:



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	Observation Result	Location
CE mark	Absent	/
Importer's Name & Address	Absent	/
Manufacturer's Name & Address	Absent	/
Product ID	Absent	/

Note:

- CE marking should be visible from outside the packaging and its height must be at least 5mm.
- Manufacturer's and Importer'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.
- Manufacturers must 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.

EN 71-2:2011+A1:2014 – SAFETY OF TOYS – PART 2: FLAMMABILITY

AS SPECIFIED IN EN 71-2:2011+A1:2014 – SAFETY OF TOYS – PART 2: FLAMMABILITY

Clauses relevant to the item:

Clause	Description	Result
4.1	General requirements	Pass

N.B. : - Only applicable clauses were shown.

Test Part Description :

Specimen No.	SGS Sample ID	Description
SN1	NGB18-019555.001	Black soft plastic handle
SN2	NGB18-019555.002	Black plastic handle
SN3	NGB18-019555.003	Black coating
SN4	NGB18-019555.004	Blue plastic part
SN5	NGB18-019555.005	Black soft plastic wheel

Remarks :

- (1) 1 mg/kg = 0.0001%
- (2) MDL = Method Detection Limit
- (3) ND = Not Detected (< MDL)
- (4) "-" = Not Regulated

European Directive (EU) 2017/738 amending 2009/48/EC-Migration of certain elements (Category III:for scrapped-off toy material)

Test Method : With reference to EN 71-3:2013+A2:2017, analysis was performed by ICP-OES.
Soluble Organic Tin was analyzed by GC-MS.



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Test Item(s)	Limit	Unit	MDL	001	002	003
Soluble Chromium (VI)	0.2	mg/kg	0.18	ND	ND	---
Soluble Lead (Pb)	23	mg/kg	5	7	6	---
Soluble Antimony (Sb)	560	mg/kg	10	ND	ND	---
Soluble Arsenic (As)	47	mg/kg	10	ND	ND	---
Soluble Barium (Ba)	18750	mg/kg	50	ND	ND	---
Soluble Cadmium (Cd)	17	mg/kg	5	ND	ND	---
Soluble Chromium (III) (Cr III)	460	mg/kg	5	ND	ND	---
Soluble Mercury (Hg)	94	mg/kg	10	ND	ND	---
Soluble Selenium (Se)	460	mg/kg	10	ND	ND	---
Soluble Boron (B)	15000	mg/kg	50	ND	ND	---
Soluble Cobalt (Co)	130	mg/kg	10	ND	ND	---
Soluble Manganese (Mn)	15000	mg/kg	50	ND	ND	---
Soluble Strontium (Sr)	56000	mg/kg	50	ND	ND	---
Soluble Zinc (Zn)	46000	mg/kg	50	ND	ND	---
Soluble Copper (Cu)	7700	mg/kg	50	ND	ND	---
Soluble Aluminum (Al)	70000	mg/kg	50	ND	ND	---
Soluble Nickel (Ni)	930	mg/kg	10	ND	ND	---
Soluble Tin (Sn)	180000	mg/kg	4.9	ND	ND	---
Soluble Organic Tin*	12	mg/kg	-	ND	ND	---

Test Item(s)	Limit	Unit	MDL	004	005
Soluble Chromium (VI)	0.2	mg/kg	0.18	ND	ND
Soluble Lead (Pb)	23	mg/kg	5	6	6
Soluble Antimony (Sb)	560	mg/kg	10	ND	ND
Soluble Arsenic (As)	47	mg/kg	10	ND	ND
Soluble Barium (Ba)	18750	mg/kg	50	ND	ND
Soluble Cadmium (Cd)	17	mg/kg	5	ND	ND
Soluble Chromium (III) (Cr III)	460	mg/kg	5	ND	ND
Soluble Mercury (Hg)	94	mg/kg	10	ND	ND
Soluble Selenium (Se)	460	mg/kg	10	ND	ND
Soluble Boron (B)	15000	mg/kg	50	ND	ND
Soluble Cobalt (Co)	130	mg/kg	10	ND	ND
Soluble Manganese (Mn)	15000	mg/kg	50	ND	ND
Soluble Strontium (Sr)	56000	mg/kg	50	ND	ND
Soluble Zinc (Zn)	46000	mg/kg	50	ND	ND
Soluble Copper (Cu)	7700	mg/kg	50	ND	ND
Soluble Aluminum (Al)	70000	mg/kg	50	ND	ND
Soluble Nickel (Ni)	930	mg/kg	10	ND	ND
Soluble Tin (Sn)	180000	mg/kg	4.9	ND	12.5
Soluble Organic Tin*	12	mg/kg	-	ND	
^Methyl tin (MeT)	-	mg/kg	0.5		ND
^Di-n-propyl tin (DProT)	-	mg/kg	0.5		ND
^Dibutyl tin (DBT)	-	mg/kg	0.5		ND
^Tributyl tin (TBT)	-	mg/kg	0.5		ND



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^n-Octyl tin (MOT)	-	mg/kg	0.5	ND
^Tetrabutyl tin (TeBT)	-	mg/kg	0.5	ND
^Diphenyl tin (DPHT)	-	mg/kg	0.5	ND
^Di-n-octyl tin (DOT)	-	mg/kg	0.5	ND
^Triphenyl tin (TPHT)	-	mg/kg	0.5	ND
^Butyl tin (BuT)	-	mg/kg	0.5	ND
Sum of Soluble Organic Tin	12	mg/kg	-	ND

Notes :

- (1) Confirmation test of soluble chromium (III) & chromium (VI) is not required in case of soluble chromium does not exceed their requirements as specified in EN 71-3:2013+A2:2017.
- (2) As received, the test portion of 003 is less than 10mg, therefore such components were not tested for migration of certain elements, as specified in the European Standard EN 71-3:2013+A2:2017
- (3) ^ means the Organic Tin specified in EN 71-3:2013+A2:2017 and it is analyzed by GC-MS
- (4) *Confirmation test of soluble organic tin is not required in case of soluble tin, after conversion, does not exceed the soluble organic tin requirement as specified in EN 71-3:2013+A2:2017.



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