



## Test Report

No.: NBHL1703003484TY

Date: MAR. 28, 2017

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YONGKANG SHIYA ALUMINUM FACTORY  
169#,FENGXIANG ROAD,GUSHAN INDUSTRIAL ZONE,YONGKANG CITY,ZHEJIANG

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

Sample Description : SCOOTER

Sample Quantity : 2 PCS  
Style No. : L-401,L402,L-407,L-412,XK-C1208D,C1215,C1209  
Labeled Age Grading : AGES 5+  
Requested Age Grading : 3+  
Age Group Assessed As Per Age : 3+ YEARS  
Guideline  
Age Group Applied in Testing : 3+ YEARS  
Sample Receiving Date : MAR. 21, 2017  
Further Information Date : MAR. 24, 2017  
Testing Period : MAR. 21, 2017 TO MAR. 28, 2017

### 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

EN 71-2:2011+A1:2014 – Safety of toys – Part 2: Flammability

EN 71-3:2013+A1:2014 – Safety of toys – Part 3: Migration of certain elements

### Result

Pass

See Result

Pass

Pass

\*\*\*\*\*

Signed for and on behalf of

SGS-CSTC Standards Technical Services Co., Ltd. Ningbo Branch

*Sarah Li*

Sarah Li  
Technology supervisor



SGS-CSTC Standards Technical Services Co., Ltd.  
Ningbo Branch

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### Test Conducted:

#### 1. 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>
4.10	Parts moving against each other:	
4.10.1	Folding and sliding mechanisms	<u>Pass</u>
4.10.4	Springs	<u>Pass</u>
4.15	Toys intended to bear the mass of a child	
4.15.1	Toys propelled by the child or by other means	<u>Pass</u>
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.	
7.2	Toys not intended for children under 36 months	<u>Pass</u>
	(Remark: The toy contains small part. It is acceptable because appropriate warning is found on packaging.)	<u>See Remark</u>
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	

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



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Summary table:

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

Note:

1. CE marking should be visible from outside the packaging and its height must be at least 5mm.
2. 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.
3. 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	NGB17-010435.001	Black foam handle
SN2	NGB17-010435.002	Black coating
SN3	NGB17-010435.003	Rose plastic wheel
SN4	NGB17-010435.004	Black plastic part

Remarks :

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

### EN71-3:2013+A1:2014 under European Directive 2009/48/EC– Migration of Certain Elements for specified material of the submitted samples (for scrapped-off toy material)



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Test Method : With reference to EN71-3:2013+A1:2014. Analysis was performed by ICP-OES.  
Soluble Organic Tin was analyzed by GC-MS.  
Soluble Chromium (VI) was analyzed by IC-ICP-MS.

Test Item(s)	Limit	Unit	MDL	001	002	003
Soluble Chromium (VI)	0.2	mg/kg	0.18	ND	ND	ND
Soluble Lead (Pb)	160	mg/kg	10	ND	ND	ND
Soluble Antimony (Sb)	560	mg/kg	10	ND	ND	ND
Soluble Arsenic (As)	47	mg/kg	10	ND	ND	ND
Soluble Barium (Ba)	18750	mg/kg	50	ND	376	ND
Soluble Cadmium (Cd)	17	mg/kg	5	ND	ND	ND
Soluble Chromium (III) (Cr III)	460	mg/kg	5	ND	ND	ND
Soluble Mercury (Hg)	94	mg/kg	10	ND	ND	ND
Soluble Selenium (Se)	460	mg/kg	10	ND	ND	ND
Soluble Boron (B)	15000	mg/kg	50	ND	ND	ND
Soluble Cobalt (Co)	130	mg/kg	10	ND	ND	ND
Soluble Manganese (Mn)	15000	mg/kg	50	ND	ND	ND
Soluble Strontium (Sr)	56000	mg/kg	50	ND	68	ND
Soluble Tin (Sn)	180000	mg/kg	4.9	ND	69.0	ND
Soluble Zinc (Zn)	46000	mg/kg	50	150	ND	ND
Soluble Copper (Cu)	7700	mg/kg	50	ND	ND	ND
Soluble Aluminum (Al)	70000	mg/kg	50	ND	ND	ND
Soluble Nickel (Ni)	930	mg/kg	10	ND	ND	ND
Soluble Organic Tin*	12	mg/kg	-	ND		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	
^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	

Test Item(s)	Limit	Unit	MDL	004
Soluble Chromium (VI)	0.2	mg/kg	0.18	ND
Soluble Lead (Pb)	160	mg/kg	10	ND
Soluble Antimony (Sb)	560	mg/kg	10	ND
Soluble Arsenic (As)	47	mg/kg	10	ND
Soluble Barium (Ba)	18750	mg/kg	50	ND
Soluble Cadmium (Cd)	17	mg/kg	5	ND
Soluble Chromium (III) (Cr III)	460	mg/kg	5	ND
Soluble Mercury (Hg)	94	mg/kg	10	ND
Soluble Selenium (Se)	460	mg/kg	10	ND



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Soluble Boron (B)	15000	mg/kg	50	ND
Soluble Cobalt (Co)	130	mg/kg	10	ND
Soluble Manganese (Mn)	15000	mg/kg	50	ND
Soluble Strontium (Sr)	56000	mg/kg	50	ND
Soluble Tin (Sn)	180000	mg/kg	4.9	ND
Soluble Zinc (Zn)	46000	mg/kg	50	ND
Soluble Copper (Cu)	7700	mg/kg	50	ND
Soluble Aluminum (Al)	70000	mg/kg	50	ND
Soluble Nickel (Ni)	930	mg/kg	10	ND
Soluble Organic Tin*	12	mg/kg	-	ND

### Notes :

- (1) For samples 001 and 003~004, confirmation test of soluble chromium (III) & chromium (VI) is not required in case of soluble chromium does not exceed their requirements as specified in EN71-3:2013+A1:2014
- (2)^ means the Organic Tin specified in EN71-3:2013+A1:2014 and it is analyzed by GC-MS
- (3)\*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 EN71-3:2013+A1:2014



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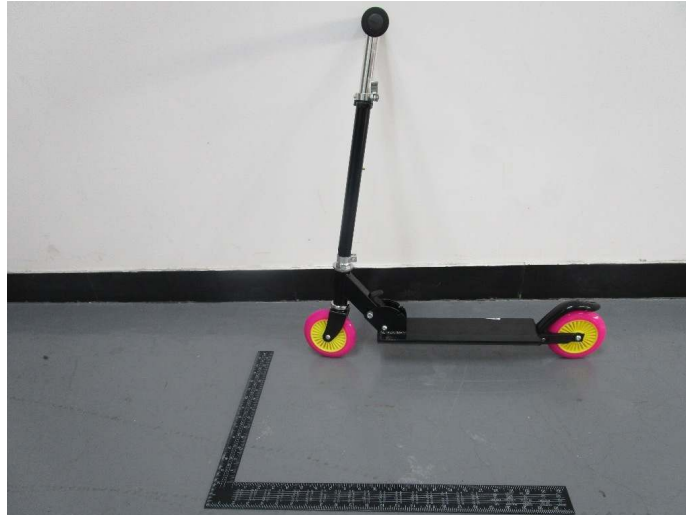
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