

# Test Report

Report No.: U0001200221002E

Query Password: QW3793

Date: Feb. 28, 2020

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**Applicant:** Zhongshan Kaka Plastic Manufacturing Ltd.  
**Contact information:** The 4th card,first floor,Tengxing lane,Qinger street,Liansheng south road,Dongsheng Town,Zhongshan city,Guangdong province

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

Sample Description : Baby swimming float upgrade version  
Style/Item No. : BO1027  
Trade mark : swimbobo  
Manufacturer : Zhongshan Kaka Plastic Manufacturing Ltd.  
Address : The 4th card,first floor,Tengxing lane,Qinger street,Liansheng south road,Dongsheng Town,Zhongshan city,Guangdong province  
Materials : Plastic  
Packaging Type : Color Box  
Instruction Manual/Sheet : Yes  
Labeled Age Grading : 3 months - 6years old  
Requested Age Grading : 3 months - 6years old  
Age Group Applied in Testing : 3 months - 6years old  
Sample Received Date : Feb. 21, 2020  
Testing Period : From Feb. 21, 2020 to Feb. 28, 2020  
Test Request : Please refer to next page(s).  
Test Result(s) : Please refer to next page(s).

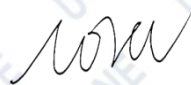
Signed for and on behalf of Shen Zhen UONE Test Co., LTD.

Prepared by



Marcia Deng

Checked by



Nora Deng

Approved by



Pascal Shi

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**Summary of Test Results:****TEST REQUEST****CONCLUSION**

- (1) EN 71-1:2014+A1: 2018 European Standard for Safety of Toys  
Mechanical and Physical Properties
- (2) EN 71-2:2011+A1:2014 European Standard for Safety of Toys  
Flammability
- (3) EN71-3: 2019 European Standard for Safety of Toys  
Migration of Certain Elements (Scraped-off toy material)

**PASS****PASS****PASS**

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## Test Material(s) List

Material No.	Description (Location)	Remark
1	Blue plastic (inflator)	/
2	Black plastic (inflator)	/
3	White plastic (clasp)	/
4	Colorless transparent soft plastic (air valve)	/
5	Colorless transparent soft plastic (main body)	/
6	Green soft plastics (main body)	/
7	Yellow soft plastic (main body)	/
8	Blue soft plastic (main body)	/
9	Multicolor coating (main body)	/

## Test Result(s):

### (1) Mechanical and Physical Properties – EN 71-1:2014+A1: 2018

Section	Description	Assessment
4.1	Materials cleanliness	PASS
4.7	Edges	PASS
4.8*	Points and Metallic Wires	PASS
4.18	Aquatic toys and inflatable toys	PASS
4.20	Acoustics	PASS
5	Toys intended for Children under 36 months	PASS
5.1	General Requirements	PASS
5.10	Small balls	PASS
6	Packaging	PASS
7	Warning and Instructions for Use	PASS
7.1	General	PASS
7.4	Aquatic Toys	PASS
8.3	Torque Test	PASS
8.4	Tension test	PASS

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Section	Description	Assessment
8.5	Drop test	PASS

**Remark:**

1. Only applicable Sections were shown.
2. \* = The test project is not within the capabilities of CNAS.

**Labeling requirement (Washing/Cleaning Label, CE mark, importer / manufacturer mark (name, address), product identification) according to the Directive 2009/48/EC-Safety of toys**

Summary table:

	On product	On packaging
CE mark	Present	Present
Name & Address & Mark	Absent	Present
Product ID	Present	Present

<b>CE mark, importer / manufacturer mark (name, address), product identification</b>	<b>Present</b>
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## (2) Flammability – EN 71-2:2011+A1:2014

Section	Test Item	Assessment
4.1	General requirements	PASS

**Remark:** Only applicable Sections were shown.

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### (3) Migration of Certain Elements

**Test Method:** With reference to EN71-3: 2019, analyzed by Inductively Coupled Plasma Optical Emission Spectroscopy (ICP-OES), Inductively Coupled Plasma Mass Spectrometer (ICP-MS), Gas Chromatograph-Mass Spectrometry (GC-MS) and Ion Chromatograph.

Substance	RL (mg/kg)	Test Result (mg/kg)				
		1	2	3	4	5
Aluminium (Al)	5.0	N.D.	N.D.	N.D.	N.D.	N.D.
Antimony (Sb)	5.0	N.D.	N.D.	N.D.	N.D.	N.D.
Arsenic (As)	0.5	N.D.	N.D.	N.D.	N.D.	N.D.
Barium (Ba)	5.0	N.D.	N.D.	N.D.	N.D.	N.D.
Boron (B)	5.0	N.D.	N.D.	N.D.	N.D.	N.D.
Cadmium (Cd)	0.2	N.D.	N.D.	N.D.	N.D.	N.D.
Chromium(III) (Cr <sup>3+</sup> ) #	2.0	N.D.	N.D.	N.D.	N.D.	N.D.
Chromium(VI) (Cr <sup>6+</sup> ) #	0.05	N.D.	N.D.	N.D.	N.D.	N.D.
Cobalt (Co)	1.0	N.D.	N.D.	N.D.	N.D.	N.D.
Copper (Cu)	5.0	N.D.	N.D.	N.D.	N.D.	N.D.
Lead (Pb)	2.0	N.D.	N.D.	N.D.	N.D.	N.D.
Manganese (Mn)	5.0	N.D.	N.D.	N.D.	N.D.	N.D.
Mercury (Hg)	1.0	N.D.	N.D.	N.D.	N.D.	N.D.
Nickel (Ni)	5.0	N.D.	N.D.	N.D.	N.D.	N.D.
Selenium (Se)	5.0	N.D.	N.D.	N.D.	N.D.	N.D.
Strontium (Sr)	5.0	N.D.	N.D.	N.D.	N.D.	N.D.
Tin (Sn)	5.0	N.D.	N.D.	N.D.	N.D.	N.D.
Organic tin☆	0.1	N.D.	N.D.	N.D.	N.D.	N.D.
Zinc (Zn)	5.0	N.D.	N.D.	N.D.	N.D.	N.D.
<b>Conclusion</b>		PASS	PASS	PASS	PASS	PASS

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Substance	RL (mg/kg)	Test Result (mg/kg)			
		6	7	8	9
Aluminium (Al)	5.0	N.D.	N.D.	N.D.	270
Antimony (Sb)	5.0	N.D.	N.D.	N.D.	N.D.
Arsenic (As)	0.5	N.D.	N.D.	N.D.	N.D.
Barium (Ba)	5.0	N.D.	N.D.	N.D.	529
Boron (B)	5.0	N.D.	N.D.	N.D.	N.D.
Cadmium (Cd)	0.2	N.D.	N.D.	N.D.	N.D.
Chromium(III) (Cr <sup>3+</sup> ) #	2.0	N.D.	N.D.	N.D.	N.D.
Chromium(VI) (Cr <sup>6+</sup> ) #	0.05	N.D.	N.D.	N.D.	N.D.
Cobalt (Co)	1.0	N.D.	N.D.	N.D.	N.D.
Copper (Cu)	5.0	N.D.	N.D.	N.D.	15
Lead (Pb)	2.0	N.D.	N.D.	N.D.	N.D.
Manganese (Mn)	5.0	N.D.	N.D.	N.D.	N.D.
Mercury (Hg)	1.0	N.D.	N.D.	N.D.	N.D.
Nickel (Ni)	5.0	N.D.	N.D.	N.D.	N.D.
Selenium (Se)	5.0	N.D.	N.D.	N.D.	N.D.
Strontium (Sr)	5.0	N.D.	N.D.	N.D.	N.D.
Tin (Sn)	5.0	N.D.	N.D.	N.D.	N.D.
Organic tin☆	0.1	N.D.	N.D.	N.D.	N.D.
Zinc (Zn)	5.0	N.D.	N.D.	N.D.	423
<b>Conclusion</b>		PASS	PASS	PASS	PASS

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## The table of Migration Elements limit:

Substance	Limit (mg/kg)		
	Dry, brittle, powder-like or pliable materials	Liquid or sticky materials	Scraped-off materials
Aluminium (Al)	5625	1406	70000
Antimony (Sb)	45	11.3	560
Arsenic (As)	3.8	0.9	47
Barium (Ba)	1500	375	18750
Boron (B)	1200	300	15000
Cadmium (Cd)	1.3	0.3	17
Chromium(III) (Cr <sup>3+</sup> )	37.5	9.4	460
Chromium(VI) (Cr <sup>6+</sup> )	0.02	0.005	0.053
Cobalt (Co)	10.5	2.6	130
Copper (Cu)	622.5	156	7700
Lead (Pb)	2.0	0.5	23
Manganese (Mn)	1200	300	15000
Mercury (Hg)	7.5	1.9	94
Nickel (Ni)	75	18.8	930
Selenium (Se)	37.5	9.4	460
Strontium (Sr)	4500	1125	56000
Tin (Sn)	15000	3750	180000
Organic tin ☆	0.9	0.2	12
Zinc (Zn)	3750	938	46000

### Note:

1. mg/kg = part per million (ppm).
2. N.D. = Not Detected (< RL).
3. RL = Report Limit.
4. Calculated concentration of Chromium(III) (Cr<sup>3+</sup>) and Chromium(VI) (Cr<sup>6+</sup>) are based on total Chromium.
5. “#” = The Test Item(s) was(were) not got CNAS accreditation.
6. “☆” = Organic tin include Methyl tin, Butyltin, Dibutyl tin, Tributyl tin, Tetrabutyl tin, n-Octyl tin, Di-n-octyl tin, Di-n-propyl tin, Diphenyl tin, Triphenyl tin, Dimethyl tin. The migration of organic tin

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is expressed as tributyltin.

## Photo(s) of Sample:



\*\*\*End of Report\*\*\*

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