

# TEST REPORT

**Product.....:** Baby dining chair

**Model.....:** E-500, S-360

**Trademark.....:** N/A

**Prepared For.....:** **Xingtai kuyingle children's Toys Co., Ltd**  
Guangzong County, Xingtai City, Hebei Province, China

**Manufacturer.....:** **Xingtai kuyingle children's Toys Co., Ltd**  
Guangzong County, Xingtai City, Hebei Province, China

**Prepared By .....** **Shenzhen Boke Testing Co., Ltd.**  
Floor 2, Complex Building, No. 438 Industrial Park, Donghuan  
Road, Xiner Community, Xinqiao Street, Bao'an District, Shenzhen,  
GuangDong, China  
Mail:admin@boke-lab.com  
Web: http://www.boke-lab.com  
Tel.:0755-27782934

**Name and address of the testing laboratory:**

**Shenzhen Boke Testing Co., Ltd.**  
Floor 2, Complex Building, No. 438 Industrial Park,  
Donghuan Road, Xiner Community, Xinqiao Street,  
Bao'an District, Shenzhen, GuangDong, China

**Date of Test.....:** Jun. 27, 2022 - Jul. 01, 2022

**Tested by (name + signature).....:** Jimmy Chen

*Jimmy Chen*

**Reviewed by (name + signature).....:** Laney Xie

*Laney Xie*

**Approved by (name + signature).....:** Levi Lee



**General product description:**

<b>Report Record</b>			
<b>Report No.</b>	<b>Issue Date</b>	<b>Description</b>	<b>Approved</b>
BOKE-220601098S	Jul. 01, 2022	Original	Valid



**TEST REPORT**

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

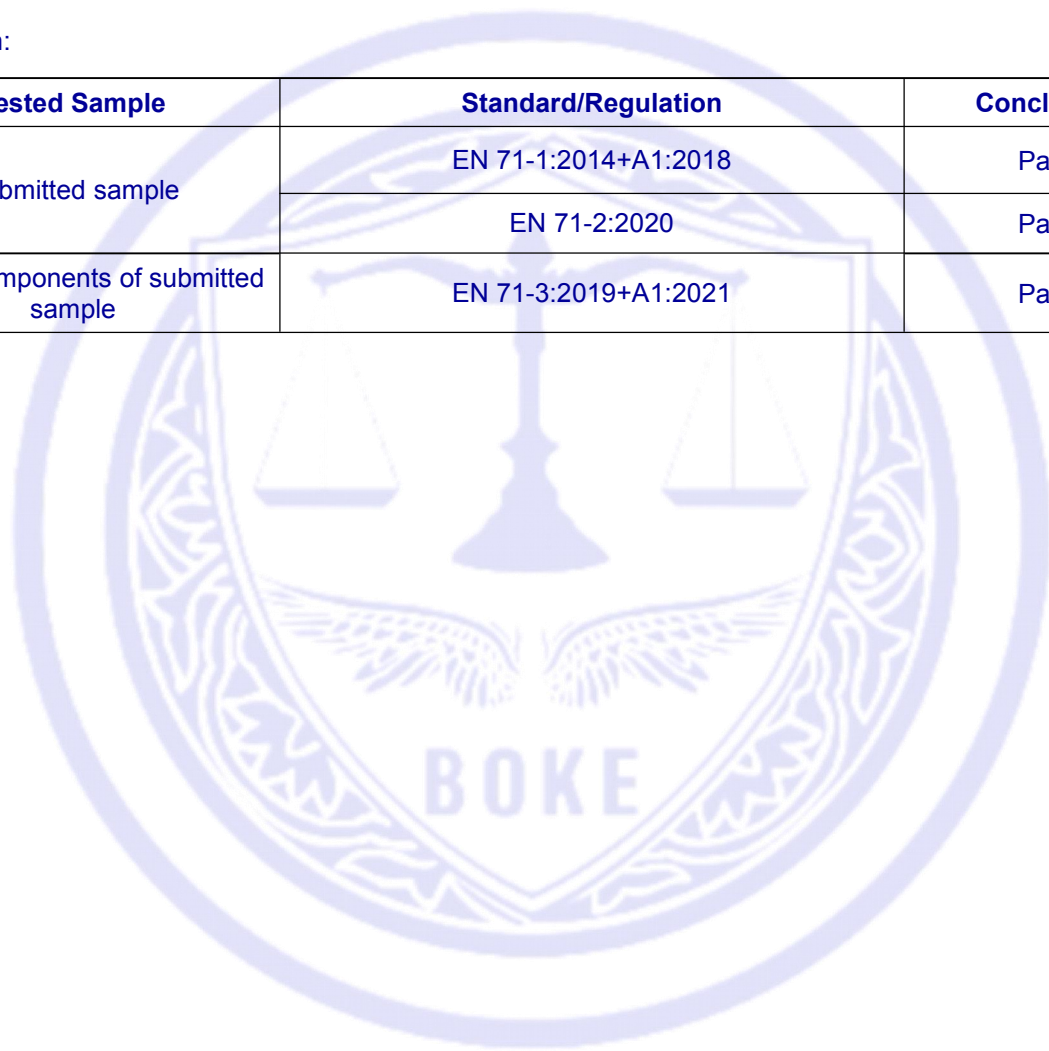
**PART 1. SAFETY OF TOYS. MECHANICAL AND PHYSICAL PROPERTIES**

**PART 2.SAFETY OF TOYS. FLAMMABILITY**

**PART 3. MIGRATION OF CERTAIN ELEMENTS**

Conclusion:

<b>Tested Sample</b>	<b>Standard/Regulation</b>	<b>Conclusion</b>
Submitted sample	EN 71-1:2014+A1:2018	Pass
	EN 71-2:2020	Pass
Tested components of submitted sample	EN 71-3:2019+A1:2021	Pass





## Test Result

### 1. Mechanical and Physical

As per European standard on safety of toys EN 71-1:2014+A1:2018

<u>Clause</u>	<u>Description</u>	<u>Result</u>
4	General requirements	-
4.1	Material (by visual assessment).....	Pass
4.2	Assembly.....	Pass
4.3	Flexible plastics 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 .....	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	Boxing speed ball .....	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
4.23.1	General	N/A
4.23.2	Toys other than magnetic/electrical experimental sets intended for children over 8 years	N/A
4.23.3	Magnetic/electrical experimental sets intended for children over 8 years	N/A
4.24	Yo-yo balls	N/A
4.25	Toys attached to food	Pass
4.26	Toy disguise costumes	N/A
4.27	Flying toys	N/A
4.27.1	General	N/A
4.27.2	Rotors and propellers on flying toys	N/A
4.27.3	Rotors and propellers on remote controlled flying toys	N/A
5	Toys intended for children under 36 months	Pass
5.1	General requirements:	Pass
5.1a	Small part requirement on toys & removable	Pass
	Components (Test method 8.2) .....	Pass
5.1b	Torque test (Test method 8.3) .....	Pass
	Tension test (Test method 8.4) .....	Pass
	Drop test (Test method 8.5) .....	Pass
	Impact test (Test method 8.7) .....	Pass
	Compression test (Test method 8.8) .....	Pass
	Sharp edge (Test method 8.11) .....	Pass
	Sharp point (Test method 8.12) .....	Pass
5.1c	Potential hazardous metal points and wires with a cross section of 2mm or less .....	Pass

5.1d	Tip over test for Large and bulky toys (Test method 8.6).....	Pass
5.1e	Glued wooden toys and toys with glued on plastic decals .....	N/A
5.1f	Splinters .....	Pass
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 .....	Pass
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 .....	Pass
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 .....	N/A
	(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.")	N/A
	(Remark : No hazard specified in clause 5 was found both before and after abuse test.)	N/A
	(Remark : Age warning should not be required for toys manifestly unsuitable for	N/A



	children under 36 months.)	
	(Remark: No small part was found before and after test.)	N/A
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 .....	Pass
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
7.21	Toys with electrical cables exceeding 300 mm in length	N/A
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	Sledge with cords for pulling	N/A
7.25	Flying toys	N/A
7.25.1	Flying toys	N/A
7.25.2	Remote controlled flying toys	N/A
7.26	Improvised projectiles	N/A
8	Test Methods	---
8.3	Torque Test	Pass
8.4	Tension Test	N/A
8.5	Drop Test	Pass



8.6	Tip over Test	Pass
8.7	Impact Test	Pass
8.8	Compression Test	Pass
8.9	Soaking Test	Pass
8.13	Flexure Test	N/A
8.34	Tension test for magnets	N/A
<b>(I)</b>	<b>Mechanical and Physical Properties</b>	Pass
	General requirements.....	Pass
	Material.....	Pass
	Toy bags.....	N/A
	Glass.....	N/A
	Edges.....	Pass
	Points and wires.....	N/A
	Parts moving against each other.....	Pass
	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 EN 71-2:2020

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

Remark: Only applicable clauses were shown.

### 3. Migration of Certain Elements

As per European standard on safety of toys EN 71-3:2019+A1:2021, determined by inductively coupled plasma optical emission spectrometer.

Test Items	Unit	Result					MDL
		Category I					
		No.1	No.2	No.3	No.4	No.5	
Soluble Aluminum(Al)	mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	5
Soluble Antimony(Sb)	mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	0.02
Soluble Arsenic(As)	mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	0.02
Soluble Barium(Ba)	mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	5
Soluble Boron(B)	mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	5
Soluble Cadmium(Cd)	mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	0.05
Soluble trivalent chromium(Cr3+)	mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	0.05
Soluble hexavalent chrome(Cr6+)	mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	0.02
Soluble Cobalt (Co)	mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	0.02
Soluble Copper (Cu)	mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	5
Soluble Lead (Pb)	mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	0.05
Soluble Manganese (Mn)	mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	5
Soluble Mercury (Hg)	mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	0.02
Soluble Nickel (Ni)	mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	0.05
Soluble Selenium (Se)	mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	0.2
Soluble strontium (Sr)	mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	5
Soluble Tin (Sn)	mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	5
Soluble Organotin	mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	0.1
Soluble Zinc (Zn)	mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	5
<b>Conclusion</b>	<b>PASS</b>						

Test Items	Unit	Result					MDL
		Category I					
		No.6	No.7	No.8	No.9	No.10	
Soluble Aluminum(Al)	mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	5
Soluble Antimony(Sb)	mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	0.02
Soluble Arsenic(As)	mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	0.02
Soluble Barium(Ba)	mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	5
Soluble Boron(B)	mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	5
Soluble Cadmium(Cd)	mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	0.05
Soluble trivalent chromium(Cr3+)	mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	0.05
Soluble hexavalent chrome(Cr6+)	mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	0.02
Soluble Cobalt (Co)	mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	0.02
Soluble Copper (Cu)	mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	5
Soluble Lead (Pb)	mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	0.05
Soluble Manganese (Mn)	mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	5
Soluble Mercury (Hg)	mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	0.02
Soluble Nickel (Ni)	mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	0.05
Soluble Selenium (Se)	mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	0.2
Soluble strontium (Sr)	mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	5
Soluble Tin (Sn)	mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	5
Soluble Organotin	mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	0.1
Soluble Zinc (Zn)	mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	5
<b>Conclusion</b>	<b>PASS</b>						

Test Items	Unit	Result					MDL
		Category I					
		No.11	No.12	No.13	/	/	
Soluble Aluminum(Al)	mg/kg	N.D.	N.D.	N.D.	/	/	5
Soluble Antimony(Sb)	mg/kg	N.D.	N.D.	N.D.	/	/	0.02
Soluble Arsenic(As)	mg/kg	N.D.	N.D.	N.D.	/	/	0.02
Soluble Barium(Ba)	mg/kg	N.D.	N.D.	N.D.	/	/	5
Soluble Boron(B)	mg/kg	N.D.	N.D.	N.D.	/	/	5
Soluble Cadmium(Cd)	mg/kg	N.D.	N.D.	N.D.	/	/	0.05
Soluble trivalent chromium(Cr3+)	mg/kg	N.D.	N.D.	N.D.	/	/	0.05
Soluble hexavalent chrome(Cr6+)	mg/kg	N.D.	N.D.	N.D.	/	/	0.02
Soluble Cobalt (Co)	mg/kg	N.D.	N.D.	N.D.	/	/	0.02
Soluble Copper (Cu)	mg/kg	N.D.	N.D.	N.D.	/	/	5
Soluble Lead (Pb)	mg/kg	N.D.	N.D.	N.D.	/	/	0.05
Soluble Manganese (Mn)	mg/kg	N.D.	N.D.	N.D.	/	/	5
Soluble Mercury (Hg)	mg/kg	N.D.	N.D.	N.D.	/	/	0.02
Soluble Nickel (Ni)	mg/kg	N.D.	N.D.	N.D.	/	/	0.05
Soluble Selenium (Se)	mg/kg	N.D.	N.D.	N.D.	/	/	0.2
Soluble strontium (Sr)	mg/kg	N.D.	N.D.	N.D.	/	/	5
Soluble Tin (Sn)	mg/kg	N.D.	N.D.	N.D.	/	/	5
Soluble Organotin	mg/kg	N.D.	N.D.	N.D.	/	/	0.1
Soluble Zinc (Zn)	mg/kg	N.D.	N.D.	N.D.	/	/	5
<b>Conclusion</b>	<b>PASS</b>						

Remark:

1.mg/kg =milligram per kilogram = ppm

2.N.D. = Not Detected (< MDL)

3.MDL = Method Detection Limit

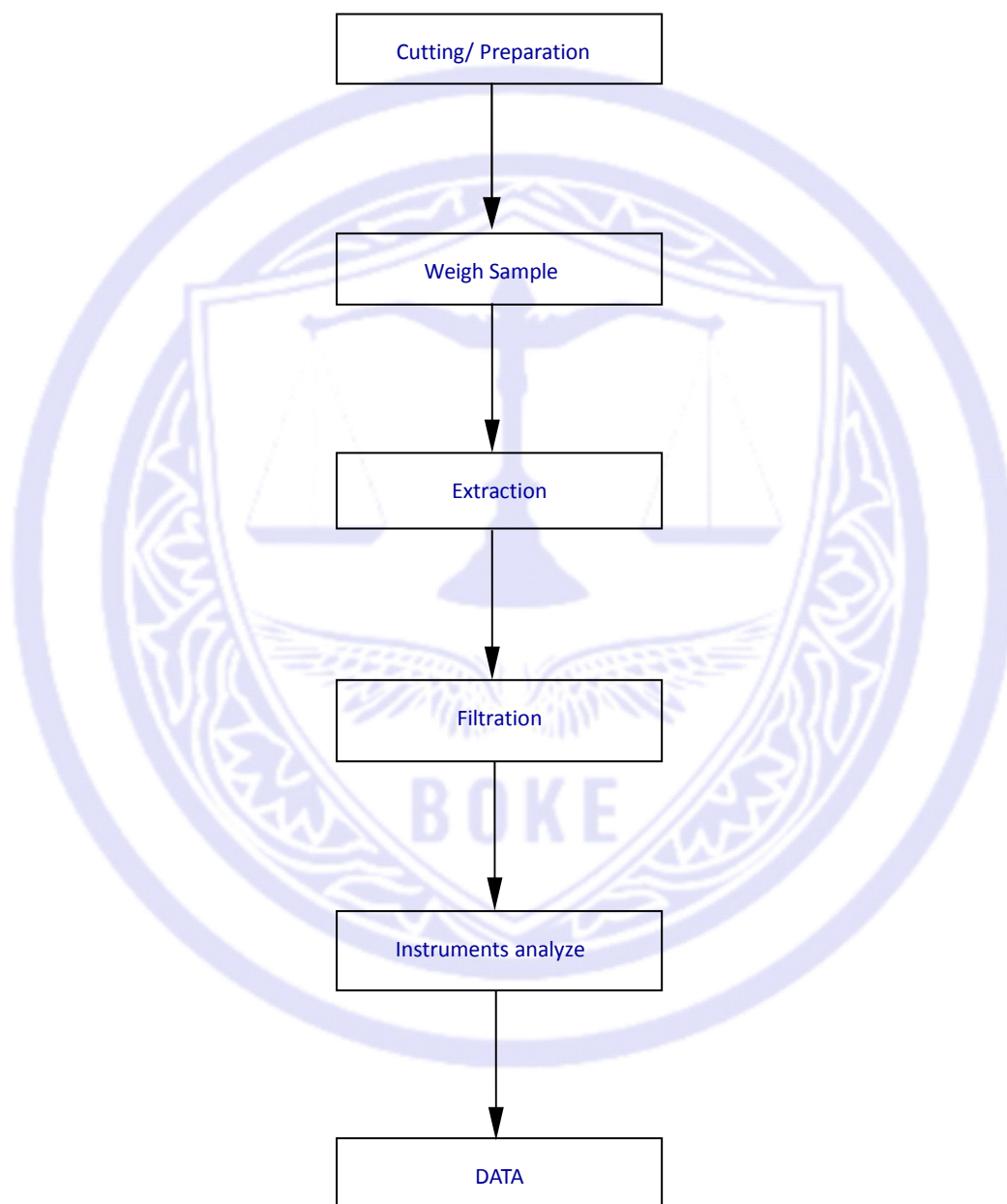
No.1:Universal wheel, No.2:Toy plug-in, No.3:storage basket, No.4:A comfortable seat, No.5:Big seat, No.6:Dinner plate, No.7:Safety belt, No.8:Solid plastic parts, No9:Spring tube, No.10:contracted pipe, No.11:Tray connector, No.12:non-slip feet, No.13:non-slip mat



**Annex**

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

### Migration of certain elements Testing Flow Chart



Attachment : Photo document.



Photo 1 Overall view

--- End of report---

**BOKE**