



**CENTRE OF TESTING SERVICE
INTERNATIONAL**

OPERATE ACCORDING TO ISO/IEC 17025

TOY SAFETY TEST REPORT

TEST REPORT NUMBER : CGZ2140603-0132-T



CTS (Ningbo) Testing Service Technology Co., Ltd.
F1.2 South, HuoJu Building, No.181 CangHai Rd., Jiangdong Hi-tech Park
Ningbo, China.

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Date: 20 Jun. 2014

TEST REPORT

Applicant:	XIAMEN AMOYDECOR INDUSTRIAL CO., LTD.
Address:	3 Floor, No. 26, Industrial Zone, Pu'nan 2nd road, Siming District , Xiamen, China
Samples:	FABRIC DANCING MOOSE
Sample Description:	FABRIC DANCING MOOSE
Item No.:	ADO13052AB-ADF1402-ADF14040-ADO13076ABC-ADO12032-ADO13041AB
Sample Quantity:	2 Sets
Date of Sample Received:	03 Jun. 2014
Test Address:	CTS (Ningbo) Testing Service Technology Co., Ltd. Fl. 2 South Huoju Building No. 181. Canghai Rd. Jiangdong High-tech. Park Ningbo China (EN71-1 and EN71-2 were tested by CTS (Guangzhou) Testing Service Technology Co., Ltd.)
Testing Period:	03 Jun. 2014 – 20 Jun. 2014
Test Requested:	EN 71-1: 2011+A2:2013 Safety of toys— Part 1: Mechanical and physical properties EN 71-2: 2011 Safety of toys —Part 2: Flammability EN 71-3: 2013 Safety of toys — Part 3: Migration of Certain Elements
Labeled Age Grading:	/
Test Age Grading:	For ages 3 up (As per applicant's requirement)
Test Method:	As specified in the above standards
Test Results:	See the attachment in detail

Written by:



Reviewed by:



Approved by:



Date:

20 Jun. 2014

Date:

20 Jun. 2014

Date:

20 Jun. 2014

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CTS (Ningbo) Testing Service Technology Co., Ltd.

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Test Results:

(1) Mechanical and Physical Properties

As Specified in European Standard on Safety of Toys EN 71-1: 2011+A2:2013

EN 71-1: 2011+A2:2013			
Clause.	Test Item	Remark	Verdict

4	General requirements		—
4.1	Material cleanliness (Visual examination)	No stain	P
4.2	Assembly	---	N
4.3	Flexible plastic sheeting	---	N
4.4	Toy bags	---	N
4.5	Glass	---	N
4.6	Expanding materials	---	N
4.7	Edges	---	P
4.8	Points and metallic wires	---	P
4.9	Protruding parts	---	N
4.10	Parts moving against each other	---	N
4.11	Mouth-actuated toys and other toys intended to be put in the mouth	---	N
4.12	Balloons	---	N
4.13	Cords of toy kites and other flying toys	---	N
4.14	Enclosures	---	N
4.15	Toys intended to bear the mass of a child	---	N
4.16	Heavy immobile toys	---	N
4.17	Projectiles	---	N
4.18	Aquatic toys and inflatable toys	---	N
4.19	Percussion caps specifically designed for use in toys and toys using percussion caps	---	N
4.20	Acoustics	---	P
4.21	Toys containing a non-electrical heat source	---	N
4.22	Small balls	---	N
4.23	Magnets	---	N
4.24	Yo-yo balls	---	N
4.25	Toys attached to food	---	N

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EN 71-1: 2011+A2:2013			
Clause.	Test Item	Remark	Verdict

5	Toys intended for children under 36 months		—
5.1	General requirements	---	N
5.2	Soft-filled toys and soft-filled parts of a toy	---	N
5.3	Plastic sheeting	---	N
5.4	Cords, chains and electrical cables in toys	---	N
5.5	Liquid-filled toys	---	N
5.6	Speed limitation of electrically-driven ride-on toys	---	N
5.7	Glass and porcelain	---	N
5.8	Shape and size of certain toys	---	N
5.9	Toys comprising monofilament fibres	---	N
5.10	Small balls	---	N
5.11	Play figures	---	N
5.12	Hemispheric-shaped toys	---	N
5.13	Suction cups	---	N
5.14	Straps intended to be worn fully or partially around the neck	---	N

6	Packaging	---	N
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7	Warnings, markings and instructions for use	---	—
7.1	General	---	*
7.2	Toys not intended for children under 36 months	---	*
7.3	Latex balloons	---	N
7.4	Aquatic toys	---	N
7.5	Functional toys	---	N
7.6	Hazardous sharp functional edges and points	---	N
7.7	Projectiles	---	N
7.8	Imitation projective masks and helmets	---	N
7.9	Toy kites	---	N
7.10	Roller skates, inline skates, skateboards and certain other ride-on toys	---	N
7.11	Toys intended to be attached to or strung across a cradle, cot, or perambulator	---	N

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EN 71-1: 2011+A2:2013			
Clause.	Test Item	Remark	Verdict
7.12	Liquid-filled teethingers	---	N
7.13	Percussion caps specifically designed for use in toys	---	N
7.14	Acoustics	---	N
7.15	Toy bicycles	---	N
7.16	Toys intended to bear the mass of a child	---	N
7.17	Toys comprising monofilament fibres	---	N
7.18	Toy scooters	---	N
7.19	Rocking horses and similar toys	---	N
7.20	Magnetic/electrical experimental sets	---	N
7.21	Toys with electrical cables exceeding 300 mm in length	---	N
7.22	Toys with cords or chains intended for children of 18 months and over but under 36 months	---	N

Abbreviation : P = Pass ; N = Not Applicable ; * = Not conducted as per applicant's request.

Note: All TEST RESULTS ARE ONLY VALID FOR THE SAMPLES BEING TESTED.

Remark: The test results only apply to the test items which requested by the applicant. Please refer to the request letter for details.

TEST REPORT**(2) Flammability Test**

As Specified in European Standard on Safety of Toys EN 71-2: 2011

EN 71-2: 2011			
Clause.	Requirement – Test	Remark	Verdict
4	Requirements		—
4.1	General	---	P
4.2	Toys to be worn on the head	---	N
4.3	Toy disguise costumes and toys intended to be worn by a child in play	---	N
4.4	toys intended to be entered by a child	---	N
4.5	Soft-filled toys(animals and dolls, etc.)with a piled or textile surface	---	P

Abbreviation : P = Pass ; N = Not Applicable

Note: All TEST RESULTS ARE ONLY VALID FOR THE SAMPLES BEING TESTED.

TEST REPORT**(3) Migration of Certain Elements**

With reference to EN 71-3:2013.

a) Extractable Chromium (VI) – Analysis was performed by IC-UV/VIS.

b) Extractable Organic Tin – Analysis was performed by GC/MS.

c) All other elements – Analysis was performed by Inductively Coupled Argon Plasma –Atomic Emission Spectrometry.

Category III

Element	Unit	Limit	Result	
			No.1*	No.2*
Extractable Aluminium (Al)	mg/kg	70,000	<50	<50
Extractable Antimony (Sb)	mg/kg	560	<5	<5
Extractable Arsenic (As)	mg/kg	47	<5	<5
Extractable Barium (Ba)	mg/kg	18,750	<50	<50
Extractable Boron (B)	mg/kg	15,000	<50	<50
Extractable Cadmium (Cd)	mg/kg	17	<3	<3
Extractable Chromium (III) (Cr (III))	mg/kg	460	<5	<5
Extractable Chromium (VI) (Cr (VI))	mg/kg	0.2	<0.2	<0.2
Extractable Cobalt (Co)	mg/kg	130	<5	<5
Extractable Copper (Cu)	mg/kg	7,700	<50	<50
Extractable Lead (Pb)	mg/kg	160	<5	<5
Extractable Manganese (Mn)	mg/kg	15,000	<50	<50
Extractable Mercury (Hg)	mg/kg	94	<5	<5
Extractable Nickel (Ni)	mg/kg	930	<5	<5
Extractable Selenium (Se)	mg/kg	460	<5	<5
Extractable Strontium (Sr)	mg/kg	56,000	<50	<50
Extractable Tin (Sn)	mg/kg	180,000	<1	<1
Extractable Organic Tin	mg/kg	12	<0.2	<0.2
Extractable Zinc (Zn)	mg/kg	46,000	<50	<50

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Element	Unit	Limit	Result		
			No.3*	No.4*	No.5*
Extractable Aluminium (Al)	mg/kg	70,000	<50	<50	<50
Extractable Antimony (Sb)	mg/kg	560	<5	<5	<5
Extractable Arsenic (As)	mg/kg	47	<5	<5	<5
Extractable Barium (Ba)	mg/kg	18,750	<50	<50	<50
Extractable Boron (B)	mg/kg	15,000	<50	<50	<50
Extractable Cadmium (Cd)	mg/kg	17	<3	<3	<3
Extractable Chromium (III) (Cr (III))	mg/kg	460	<5	<5	<5
Extractable Chromium (VI) (Cr (VI))	mg/kg	0.2	<0.2	<0.2	<0.2
Extractable Cobalt (Co)	mg/kg	130	<5	<5	<5
Extractable Copper (Cu)	mg/kg	7,700	<50	<50	<50
Extractable Lead (Pb)	mg/kg	160	<5	<5	<5
Extractable Manganese (Mn)	mg/kg	15,000	<50	<50	<50
Extractable Mercury (Hg)	mg/kg	94	<5	<5	<5
Extractable Nickel (Ni)	mg/kg	930	<5	<5	<5
Extractable Selenium (Se)	mg/kg	460	<5	<5	<5
Extractable Strontium (Sr)	mg/kg	56,000	<50	<50	<50
Extractable Tin (Sn)	mg/kg	180,000	<1	<1	<1
Extractable Organic Tin	mg/kg	12	<0.2	<0.2	<0.2
Extractable Zinc (Zn)	mg/kg	46,000	<50	<50	<50

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- Note :
1. \leq less than
 2. Unit: mg/kg = ppm
 3. Categories of various toy materials

Category I: Dry, brittle, powder like or pliable

Solid toy material from which powder-like material is released during playing and semi-solid materials that may also leave residues on the hands during play. The material can be ingested. Contamination of the hands with the material may contribute to the oral exposure of the material. (e.g. the cores of colouring pencils, chalk, crayons, modelling clays and plaster).

Category II: Liquid or sticky

Fluid or viscous toy material, which can be ingested or to which dermal exposure may occur during playing. (e.g. liquid paints, finger paints, liquid ink in pens, glue sticks, slimes, bubble solution).

Category III : Scraped-off

Solid toy material with or without a coating, which can be ingested as a result of biting, tooth scraping, sucking or licking. (e.g. coatings, lacquers, plastics, paper, textiles, glass, ceramic, metallic, wooden, bone, leather and other materials).

4.*The samples was/were analyzed on behalf of the applicant as mixing sample in one testing. The above results was/were only given as the informality value.

Test Part Description :

- | | | |
|------|---|--|
| No.1 | : | Red / white striped cloth/red foam/white foam (mixed) |
| No.2 | : | White charpie/beige charpie/bright red / white striped cloth (mixed) |
| No.3 | : | Red / black checked fabric/red charpie/red zipper teeth (mixed) |
| No.4 | : | White cloth/beige plastic sheet/semitransparent plastic (mixed) |
| No.5 | : | Black plastic handle/deep beige plastic sheet green cable jacket (mixed) |

TEST REPORT

APPENDIX

PHOTO OF THE SUBMITTED SAMPLE(S)



External view

-----end of report-----