



Test Report

Report No. A2210315242102R1

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Company Name DONGGUAN JOLLYBABY PRODUCTS CO., LTD
shown on Report
Address NO.5, CHAJING ROAD, CHASHAN TOWN, DONGGUAN CITY, GUANG DONG PROVINCE, CHINA

The following sample(s) and sample information was/were submitted and identified by/on the behalf of the client

Sample Name	Pink Elephant Ring
Item No.	WLTH8033S
Manufacturer	JOLLYBABY CULTURE SCIENCE AND TECHNOLOGY (GUANGDONG) CO., LTD
Quantity Of Sample	2PCS
Client Specified Age Grading	3m+
Labeled Age Grading	Not stated
Age Group Applied in Testing	Over 3 months
Sample Received Date	Aug. 6, 2021
Testing Period	Aug. 6, 2021 to Aug. 12, 2021

Test Conducted:

As requested by the applicant. For details refer to next page(s)



Approved by

Victor Wang

Lab Manager

Aug. 20, 2021

Hill Zheng

Technical Manager

No. T490151943

Date

Centre Testing International Group Co., Ltd.

CTI Building, Xing Dong Community, Xin'an Sub-district, Bao'an District, Shenzhen City, Guangdong Province, P.R. China



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Executive Summary:

TEST REQUEST

CONCLUSION

1) EN 71-1:2014+A1:2018 European Standard on Safety of Toys - Mechanical and Physical Properties	PASS
2) EN 71-2:2020 European Standard on Safety of Toys - Flammability	PASS
3) EN 71-3:2019+A1:2021 European Standard on Safety of Toys - Migration of certain elements	PASS

For chemical test, the tested component(s) is/are identified by the client.

***** For further details, please refer to the following page(s) *****

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1) **EN 71-1:2014+A1:2018 European Standard on Safety of Toys**

▼ **Mechanical and Physical Properties**

As specified in European Standard on Safety of Toys EN 71 part 1:2014+A1:2018.

<u>Clause</u>	<u>Description</u>	<u>Assessment</u>
4	General requirements	
4.1	Material cleanliness.....	Pass
4.7	Edges.....	Pass
4.8	Points and metallic wires.....	Pass
4.10	Parts moving against each other:	
	4.10.2 Driving mechanisms	Pass
4.20	Acoustics	Pass
5	Toys intended for children under 36 months	
5.1	General requirements:	
	5.1a Small part requirement on toys & removable 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
	Sharpness of edges (Test method 8.11)	Pass
	Sharpness of points (Test method 8.12)	Pass
5.2	Soft-filled toys and soft-filled parts of a toy	Pass
5.4	Cords, chains and electrical cables in toys.....	Pass
5.8	Shape and size of certain toys	Pass
7	Warnings, markings and instructions for use	
7.1	General	N/A

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Annex
A.33 Warnings, markings and instructions for use

<u>Check points</u>	<u>Location where the information is</u>	
	<u>On toy</u>	<u>On packaging</u>
CE Mark	√	√
Product ID	√	√
Manufacturer's Name & Address	×	×
Importer's Name & Address	√	√

Remark:

- ①: Toys made available on the market must bear the CE marking. The CE marking must be subject to the general principle set out in Article 30 of Regulation (EC) No 765/2008. The CE marking must be affixed visibly, legibly and indelibly to the toy, to an affixed label or to the packaging.
- ②: The manufacturer'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. This requirement applies also to the name and address etc. of any importer.
- ③: The manufacturer 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.

N/A = Not Applicable

Note:

- Only applicable clause(s) was/ were shown.

Tested Sample Description:

Only tested the sample shown in photo I.

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2) EN 71-2:2020 European Standard on Safety of Toys

▼ Flammability

As specified in European Standard on Safety of Toys EN 71-2:2020.

<u>Clause</u>	<u>Description</u>	<u>Assessment</u>
4	Requirements	
4.1	General requirements (The following materials shall not be used in the manufacture of toys except as provided in EN 71-2:2020: Celluloid, highly flammable solids, materials with a piled surface which produce surface flash, flammable gases, extremely flammable liquids, highly flammable liquids, flammable liquids and flammable gels.)	Pass
4.5	Soft-filled toys	Pass (See Note 1)

Note 1:

Soft-filled Toys (Clause 4.5)

<u>Sample</u>	<u>Burning rate (mm/sec)</u>
Pink Elephant Ring	DNI

(The rate of spread of flame on the surface of toy shall not be greater than 30 mm/sec)

-- DNI = Did Not Ignite

Note:

- Only applicable clause(s) was/ were shown.

Tested Sample Description:

Only tested the sample shown in photo I.

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3) EN 71-3:2019+A1:2021 European Standard on Safety of Toys

▼ Migration of certain elements

Method(s) EN 71-3:2019+A1:2021 was/were used, and the item(s) was/were analyzed by ICP-OES, ICP-MS, IC-UV and/or GC-MS.

Category III: scraped-off toy material

<u>Tested Item(s)</u>	<u>Result (mg/kg)</u>			<u>MDL</u> (mg/kg)	<u>Limit</u> (mg/kg)
	001	002	003		
Aluminium (Al)	N.D.	283	N.D.	50	28130
Antimony (Sb)	N.D.	N.D.	N.D.	5	560
Arsenic (As)	N.D.	N.D.	N.D.	5	47
Barium (Ba)	N.D.	N.D.	N.D.	50	18750
Boron (B)	N.D.	N.D.	N.D.	50	15000
Cadmium (Cd)	N.D.	N.D.	N.D.	1	17
Chromium (III) #1	0.3	0.8	N.D.	0.2	460
Chromium (VI)	N.D.	N.D.	N.D.	0.002	0.053
Cobalt (Co)	N.D.	N.D.	N.D.	5	130
Copper (Cu)	N.D.	N.D.	N.D.	50	7700
Lead (Pb)	N.D.	N.D.	N.D.	1	23
Manganese (Mn)	N.D.	N.D.	N.D.	50	15000
Mercury (Hg)	N.D.	N.D.	N.D.	5	94
Nickel (Ni)	N.D.	N.D.	N.D.	5	930
Selenium (Se)	N.D.	N.D.	N.D.	5	460
Strontium (Sr)	N.D.	N.D.	N.D.	50	56000
Tin (Sn) #2	N.D.	N.D.	N.D.	2	180000
Organic tin (TBT) #3	N.D.	N.D.	N.D.	0.05	12
Zinc (Zn)	N.D.	N.D.	N.D.	50	46000

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Tested Item(s)	Result (mg/kg)			MDL (mg/kg)	Limit (mg/kg)
	004	005	006		
Aluminium (Al)	N.D.	N.D.	N.D.	50	28130
Antimony (Sb)	N.D.	N.D.	N.D.	5	560
Arsenic (As)	N.D.	N.D.	N.D.	5	47
Barium (Ba)	N.D.	N.D.	N.D.	50	18750
Boron (B)	N.D.	N.D.	N.D.	50	15000
Cadmium (Cd)	N.D.	N.D.	N.D.	1	17
Chromium (III) #1	0.4	1.0	N.D.	0.2	460
Chromium (VI)	N.D.	N.D.	N.D.	0.002	0.053
Cobalt (Co)	N.D.	N.D.	N.D.	5	130
Copper (Cu)	N.D.	N.D.	N.D.	50	7700
Lead (Pb)	N.D.	2	N.D.	1	23
Manganese (Mn)	N.D.	N.D.	N.D.	50	15000
Mercury (Hg)	N.D.	N.D.	N.D.	5	94
Nickel (Ni)	N.D.	N.D.	N.D.	5	930
Selenium (Se)	N.D.	N.D.	N.D.	5	460
Strontium (Sr)	N.D.	N.D.	N.D.	50	56000
Tin (Sn) #2	N.D.	N.D.	N.D.	2	180000
Organic tin (TBT) #3	N.D.	N.D.	N.D.	0.05	12
Zinc (Zn)	N.D.	N.D.	N.D.	50	46000

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<u>Tested Item(s)</u>	<u>Result (mg/kg)</u>			<u>MDL</u> (mg/kg)	<u>Limit</u> (mg/kg)
	007	008	009		
Aluminium (Al)	230	N.D.	74	50	28130
Antimony (Sb)	N.D.	N.D.	N.D.	5	560
Arsenic (As)	N.D.	N.D.	N.D.	5	47
Barium (Ba)	N.D.	N.D.	N.D.	50	18750
Boron (B)	N.D.	N.D.	N.D.	50	15000
Cadmium (Cd)	N.D.	N.D.	N.D.	1	17
Chromium (III) #1	0.6	N.D.	N.D.	0.2	460
Chromium (VI)	N.D.	N.D.	N.D.	0.002	0.053
Cobalt (Co)	N.D.	N.D.	N.D.	5	130
Copper (Cu)	N.D.	N.D.	N.D.	50	7700
Lead (Pb)	2	N.D.	N.D.	1	23
Manganese (Mn)	N.D.	N.D.	N.D.	50	15000
Mercury (Hg)	N.D.	N.D.	N.D.	5	94
Nickel (Ni)	N.D.	N.D.	N.D.	5	930
Selenium (Se)	N.D.	N.D.	N.D.	5	460
Strontium (Sr)	N.D.	N.D.	N.D.	50	56000
Tin (Sn) #2	N.D.	N.D.	N.D.	2	180000
Organic tin (TBT) #3	N.D.	N.D.	N.D.	0.05	12
Zinc (Zn)	N.D.	N.D.	N.D.	50	46000

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Remark:

- MDL = Method Detection Limit
- N.D. = Not Detected (<MDL)
- mg/kg = ppm = parts per million
- Filter paper was used instead of membrane filter in lab testing.
- Where the test portion has a mass of between 10mg and 100mg, the quantity of the appropriate elements shall be calculated as if 100mg of the test portion had been used.
(tested sample: 005 sample weight: 99.1mg)
- ^{#1} Trivalent chromium (Cr (III)) = Chromium (Cr) - Hexavalent chromium (Cr (VI)).
- ^{#2} Tin (Sn) content can be used for screen test for organic tins analysis to show compliance with the requirement of EN 71-3:2019+A1:2021.
- ^{#3} The migration of organic tin is expressed as tributyltin (TBT). Where the tin content exceeded the limit of organic tin, eleven organic tins listed in the table were determined by GC-MS and the client should note there are other organic tins that may be present in toy materials.

Organic tins tested under EN 71-3:2019+A1:2021
Methyl tin (MeT)
Butyl tin (BuT)
Dibutyl tin (DBT)
Tributyl tin (TBT)
Tetrabutyl tin (TeBT)
n-Octyl tin (MOT)
Di-n-octyl tin (DOT)
Di-n-propyl tin (DProT)
Diphenyl tin (DPhT)
Triphenyl tin (TPhT)
Dimethyl tin (DMT)

- The test result(s) of component(s) 001, 002 is(are) presented in reference to the result(s) that reported in A2210313801101.
- The test result(s) of component(s) 003 is(are) presented in reference to the result(s) that reported in A2210313801102.
- The test result(s) of component(s) 004, 005 is(are) presented in reference to the result(s) that reported in A2210313801103.
- The test result(s) of component(s) 006, 007 is(are) presented in reference to the result(s) that reported in A2210313801104.
- The test result(s) of component(s) 008 is(are) presented in reference to the result(s) that reported in A2210313801105.
- The test result(s) of component(s) 009 is(are) presented in reference to the result(s) that reported in A2210313801106.

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Tested Sample/Part Description

- 001 Pink ribbon
- 002 White/dull red coatings
- 003 Green ribbon with multi-color printing
- 004 Orange ribbon
- 005 Orange yellow coating
- 006 Rose ribbon
- 007 White coating
- 008 Blue ribbon with dull red printing
- 009 Blue ribbon with grey printing

Note:

- This testing report added “the tested of EN 71-3:2019+A1:2021 Migration of certain elements” and revised “Photo(s) of the sample(s)” based on the original report of No. A2210315242102. This testing report displaces the original one which was invalid since the date of this testing report released.

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Photo(s) of the sample(s)



Photo I



Photo II

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Photo III



Photo IV

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Photo V



Photo VI

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Photo VII

Statement:

1. This report is considered invalid without approved signature, special seal and the seal on the perforation;
2. Company Name and Address shown on Report, the sample(s) and sample information was/were provided by the client who should be responsible for the authenticity which CTI hasn't verified;
3. The result(s) shown in this report refer(s) only to the sample(s) tested;
4. Without written approval of CTI, this report can't be reproduced except in full.

*** End of Report ***