



# TEST REPORT

REPORT No.: R2DG1704241704E

Date: April 28, 2017


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Shenzhen Only Fashion Technology Co., Ltd  
Room 437 No.2111-1, Bixin Road, Longgang Street, Longgang District, Shenzhen, Guangdong, China,  
Zip Code:518116


Report on the submitted samples said to be:

Sample Description : Silicone Jewelry  
Sample Name : Silicone Jewelry  
Fiber Composition : Silicone  
Labeled Age Grading : /  
Test Age Request : /  
Appropriated Age : 0+  
Tested Age Grading : All ages  
Country of Origin : China  
Country of Destination : All over the world  
Buyer : All over the word  
Sample Receiving Date : April 24, 2017  
Testing Period : From April 24, 2017 to April 28, 2017  
Results : Please refer to next page(s).

Signed for and on behalf of  
BACL

Checked by:   
Jane Xu  
Technical Supervisor

Approved by:   
Jesse Shang  
Physical Manager

  
William Wei  
Laboratory Manager

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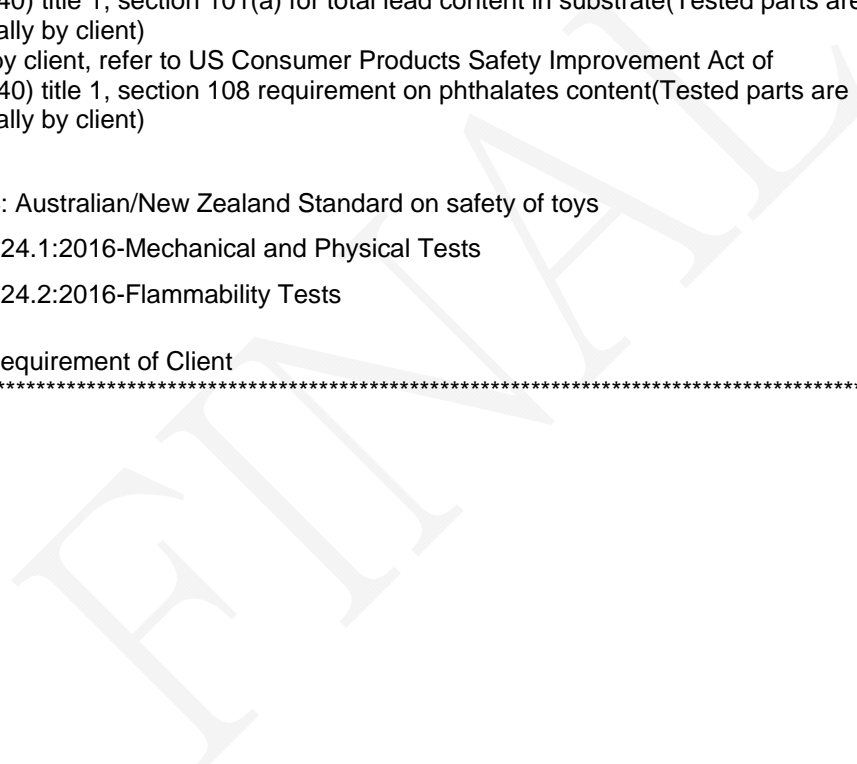
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## Summary of Test Results:

<u>TEST REQUEST</u>	<u>CONCLUSION</u>
A As specified by client, refer to European Standard on Safety of Toys: EN 71-3:2013+A1:2014 – Migration of Certain Elements Tests(Tested parts are required partially by client)	Pass*
B As specified by client, refer to US Consumer Products Safety Improvement Act of 2008(H.R. 4040) title 1, section 101(a) for total lead content in substrate(Tested parts are required partially by client)	Pass*
C As specified by client, refer to US Consumer Products Safety Improvement Act of 2008(H.R. 4040) title 1, section 108 requirement on phthalates content(Tested parts are required partially by client)	Pass*
D BPA Content	Pass*
E AS/NZS 8124: Australian/New Zealand Standard on safety of toys	
1. AS/NZS 8124.1:2016-Mechanical and Physical Tests	Pass
2. AS/NZS 8124.2:2016-Flammability Tests	Pass

Pass\*= Meet the Requirement of Client

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**Results:**

Tested part(s) (only for test item A-D)

- (1) Green silicone
- (2) LT. green silicone

**A. As specified by client, refer to European Standard on Safety of Toys:EN 71-3:2013+A1:2014 – Migration of Certain Elements Tests(Tested parts are required partially by client)**

Test Method: With reference to EN71-3:2013+A1:2014. Analysis was performed by Inductively Coupled Plasma-Optical Emission Spectrometer (ICP-OES), Inductively coupled plasma mass spectrometry (ICP-MS), Gas chromatographic-mass spectrometer (GC-MS), Liquid chromatographic in combination with ICP-MS (LC-ICP-MS), Ion chromatographic (IC-UV).

Element	Unit	MDL	Results	Client's Limit
			(1)	Category III
Aluminium (Al)	mg/kg	10	N.D.	70000
Antimony (Sb)	mg/kg	10	N.D.	560
Arsenic (As)	mg/kg	10	N.D.	47
Barium (Ba)	mg/kg	10	N.D.	18750
Boron (B)	mg/kg	10	N.D.	15000
Cadmium (Cd)	mg/kg	5	N.D.	17
Chromium (III) (Cr III)	mg/kg	10	N.D.	460
Chromium(VI) (CrVI)	mg/kg	0.02	N.D.	0.2
Cobalt (Co)	mg/kg	10	N.D.	130
Copper (Cu)	mg/kg	10	N.D.	7700
Lead (Pb)	mg/kg	10	N.D.	160
Manganese (Mn)	mg/kg	10	N.D.	15000
Mercury (Hg)	mg/kg	10	N.D.	94
Nickel (Ni)	mg/kg	10	N.D.	930
Selenium (Se)	mg/kg	10	N.D.	460
Strontium (Sr)	mg/kg	10	N.D.	56000
Tin (Sn)	mg/kg	4	N.D.	180000
Organic Tin	mg/kg	0.2	N.D.	12
Zinc (Zn)	mg/kg	10	17	46000
<b>Conclusion</b>	<b>/</b>	<b>/</b>	<b>Pass</b>	<b>/</b>

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Remark I:

Category III: in scraped-off toy material

Remark II:

Soluble Chromium (III) = soluble Chromium – soluble Chromium (VI)

Remark III:

\*= Result(s) of organic tin was (were) calculated while assuming the tin content wholly contributed from tributyltin cation unless specified.  
If soluble tin content exceeded the screening limits of organic tin content, the result(s) was (were) verified by below method:  
- EN71-3:2013+A1:2014, Annex G by Gas Chromatography-Mass Spectroscopy analysis.

Note:

- N.D. = Not Detected or less than MDL
- MDL = Method Detection Limit
- mg/kg = ppm
- Photog is included

\*\*\*\*\*

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**B. As specified by client, refer to US Consumer Products Safety Improvement Act of 2008(H.R. 4040) title 1, section 101 for total lead content(Tested parts are required partially by client)**

**Total Lead Content (In Substrate)**

Test method: With reference to CPSC-CH-E1002-08.3,by acid digestion and analysis was performed by Inductively Coupled Plasma-Optical Emission Spectrometer (ICP-OES) or Atomic Absorption Spectrometry (AAS).

Item	Unit	MDL	Results	Client's Limit
			(2)	
Lead (Pb)	mg/kg	10	N.D.	100
<b>Conclusion</b>	/	/	<b>Pass</b>	/

Note:

- N.D. = Not Detected or less than MDL
- MDL = Method Detection Limit
- mg/kg=ppm

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**C. As specified by client, refer to US Consumer Products Safety Improvement Act of 2008(H.R. 4040) title 1, section 108 requirement on phthalates content(Tested parts are required partially by client)**

Test method: With reference to CPSC-CH-C1001-09.3, by solvent extraction and analysis was performed by gas chromatographic-mass spectrometer (GC-MS)

Item	Unit	MDL	Results	Client's Limit
			(2)	
Dibutyl Phthalate (DBP)	%	0.003	N.D.	0.1
Benzylbutyl Phthalate (BBP)	%	0.003	N.D.	0.1
Bis-(2-ethylhexyl) Phthalate (DEHP)	%	0.003	N.D.	0.1
Di-n-octyl Phthalate (DNOP)	%	0.003	N.D.	0.1
Diisononyl Phthalate (DINP)	%	0.01	N.D.	0.1
Diisodecyl Phthalate (DIDP)	%	0.01	N.D.	0.1
<b>Conclusion</b>	/	/	<b>Pass</b>	/

Note:

- N.D. = Not Detected or less than MDL
- MDL = Method Detection Limit
- % = Percentage by weight
- 0.1% = 1000mg/kg, mg/kg = ppm
- Photo is included.

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**D. BPA Content**

Test method: With reference to EN71-10:2005 & EN71-11:2005, Analysis was performed by liquid chromatography/ quadrupole mass spectrometer( LC/MS/MS)

Items	Unit	MDL	Results	Client's Limit
			(2)	
Bisphenol A (BPA)	mg/L	0.1	N.D.	N.D.
<b>Conclusion</b>	/	/	<b>Pass</b>	/

Note:

- N.D. = Not Detected or less than MDL
- MDL = Method Detection Limit
- Photo is included.

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Tested part(s) (only for test item E)

(1) Green Elephant

**E.1. AS/NZS 8124.1:2016-Safety aspects related to Mechanical and physical properties**

<u>Section</u>	<u>Description</u>	<u>Result</u>
4	Requirements	
4.1	Normal use	Pass
4.2	Reasonably foreseeable abuse	Pass
4.3	Material	Pass
4.3.1	Material quality	Pass
4.3.2	Expanding materials	NA
4.4	Small parts	
4.4.1	For children under 36 months	Pass
4.4.2	For children 36 months and over but under 72 months	NA
4.5	Shape, size and strength of certain toys	
4.5.1	Squeeze toys, rattles and certain other toys and components of toys	Pass
4.5.2	Small balls	NA
4.5.3	Pompoms	NA
4.5.4	Pre-school play figures	NA
4.5.5	Toy pacifiers	NA
4.5.6	Balloons	NA
4.5.7	Marbles	NA
4.5.8	Hemispheric-shaped toys	NA
4.6	Edges	
4.6.1	Accessible sharp edges of glass or metal	NA
4.6.2	Functional sharp edges	NA
4.6.3	Edges on metal toys	NA
4.6.4	Edges on moulded toys	Pass

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4.6.5	Edges on exposed bolts or threaded rods	NA
4.7	Points	
4.7.1	Accessible sharp points	Pass
4.7.2	Functional sharp points	NA
4.7.3	Wooden toys	NA
4.8	Projections	
4.8.1	General requirements	NA
4.8.2	Special considerations for bath toy projections	NA
4.9	Metal wires and rods	NA
4.10	Plastic film or plastic bags in packaging and in toys	NA
4.11	Cords and elastics	
4.11.1	Cords and elastics in toys intended for children under 18 months	NA
4.11.2	Self-retracting pull cords in toys intended for children under 18 months	NA
4.11.3	Cords for pulls toys intended for children under 36 months	NA
4.11.4	Cords on toy bags	NA
4.11.5	Crib or playpen toys and mobiles	NA
4.11.6	Crib gyms and similar toys	NA
4.11.7	Cords, strings and lines for flying toys	NA
4.12	Folding mechanisms	
4.12.1	Toy pushchairs, perambulators and similar toys	NA
4.12.2	Other toys with folding mechanisms	NA
4.12.3	Hinge-line clearance	NA
4.13	Holes, clearances and accessibility of mechanisms	
4.13.1	Circular holes in rigid materials	NA
4.13.2	Accessible clearances for movable segments	NA
4.13.3	Chains or belts in ride-on toys	NA
4.13.4	Other driving mechanisms	NA
4.13.5	Winding keys	NA

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4.14	Springs	NA
4.15	Stability and overload requirements	NA
4.16	Enclosures	NA
4.17	Simulated protective equipment, such as helmets, hats and goggles	NA
4.18	Projectile toys	NA
4.19	Rotors and propellers	NA
4.20	Aquatic toys	NA
4.21	Braking	NA
4.22	Toy bicycles	NA
4.23	Speed limitation of electrically driven ride-on toys	NA
4.24	Toys containing a heat source	NA
4.25	Liquid-filled toys	NA
4.26	Mouth-actuated toys	NA
4.27	Toy roller skates, toy inline skates and toy skateboards	NA
4.28	Percussion caps	NA
4.29	Acoustic requirements	NA
4.30	Toy scooters	NA
4.31	Magnets and magnetic components	NA
Annex B	Safety-labelling guidelines and manufacturer's markings	NA

**Note:**

1.NA = Not Applicable

2.No packaging was submitted with the sample, therefore the sample was not evaluated for the labeling requirements on the packaging of the AS/NZS 8124.1:2016

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**E.2. AS/NZS 8124.2:2016 - Flammability**

<u>Section</u>	<u>Description</u>	<u>Result</u>
4	Requirements	
4.1	General	Pass
4.2	Toys to be worn on the head	NA
4.3	Toy disguise costumes and toys intended to be worn by a child in a play	NA
4.4	Toys intended to be entered by a child	NA
4.5	Soft-filled toys	NA

Note:

NA = Not Applicable

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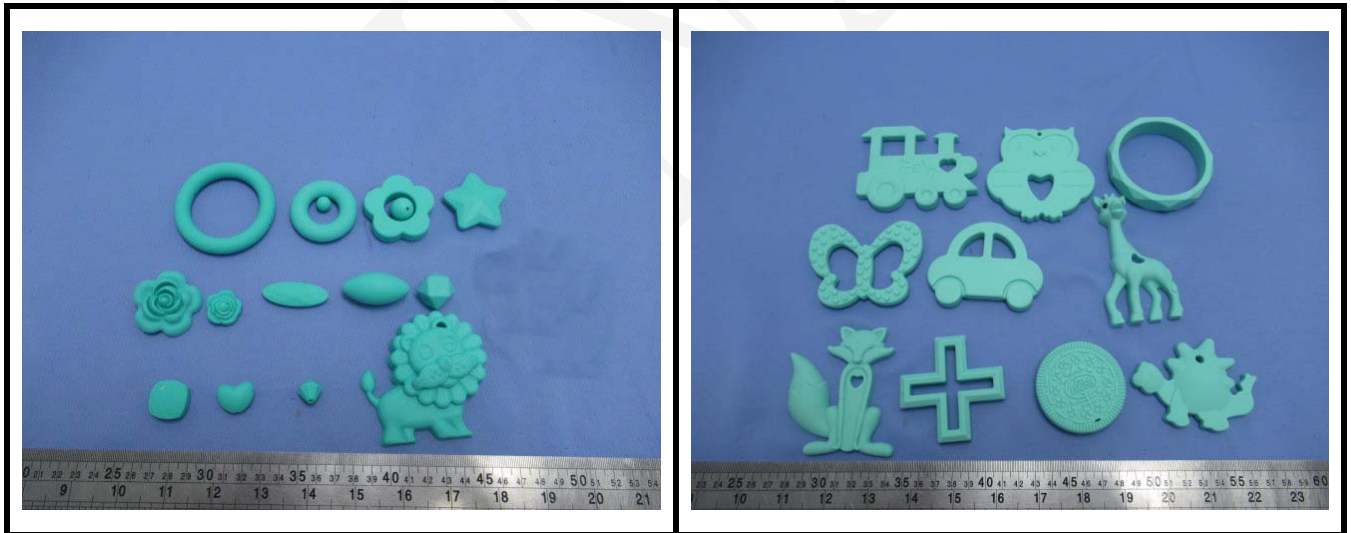
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Photograph of Sample (For Test)



Photograph of Sample (For Reference)



BACL authenticate the photo on original report only

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

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