

Test Report

Number: SHAH01248668

Applicant: DIGO CREATIVE ENTERPRISE LTD.
BUILDING 1040, NO.999 WANGQIAO ROAD,
PUDONG NEW AREA, SHANGHAI, CHINA
Attn: Stone Wong

Date: 07 Aug, 2020

Sample Description:

Twelve(12)pieces of submitted sample said to be :

Item Name : Swim Ring - Rose Gold; Swim Ring - Gold; Swim Ring - Silver; Palm Tree Cooler; Giant Angel Wings tube; Palm tree drink holder.
Item No. : #86840-RG5(201001); #86840-G5(201002); #86840-S5(201003); #59801(201011); #86840W(201020); #PZI2001.
Style : 6 Styles.
Goods Exported To : United States.
Country Of Origin : China.

Tests Conducted:

As requested by the applicant, for details refer to attached page(s).

To be continued

Authorized By:
For Intertek Testing Services Ltd., Shanghai



Bill Zhang
General Manager



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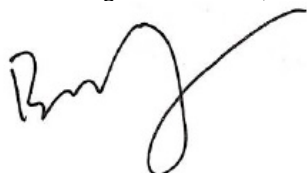
Conclusion:

<u>Tested Samples</u>	<u>Standard</u>	<u>Result</u>
Submitted Samples	U.S. ASTM F963-17 -Physical And Mechanical Tests	Pass
	U.S. ASTM F963-17 -Flammability Test of Materials Other Than Textile Materials	Pass
	Consumer Product Safety Improvement Act (CPSIA) 2008 Section 103 Tracking Labels for Children Products	Pass
Tested Components of Submitted Sample	US California Proposition 65 -- Phthalate content	Pass
	California Proposition 65 for Toys, Consent Judgement No.RG-356892 -Total Lead (Pb) content	Pass
	U.S. ASTM F963-17 section 4.3.5.1 and 4.3.5.2 for heavy metal elements content	Pass
Tested component of submitted sample	U.S. Code of Federal Regulations title 16 part 1303 for total Lead content in surface coating	Pass
	U.S. Consumer Product Safety Improvement Act 2008 title I, section 101 for total Lead content in surface coating	Pass
Tested components of submitted sample	U.S. Consumer Product Safety Improvement Act 2008 title I, section 101 for total Lead content in non-surface coating materials (substrate)	Pass
	US Consumer Product Safety Improvement Act 2008 Title I, Sec 108(a) & (b)(3) and US 16 CFR Part 1307 for Prohibition of Children's Toys and Child Care Articles Containing Specified Phthalates	Pass

Remark: No sample is submitted for testing. All test results stated in this report are transferred from our test report (SHAH01202929S1 dated Aug.3, 2020, SHAH01204801 dated Apr.14, 2020)

To be continued

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For Intertek Testing Services Ltd., Shanghai



Bill Zhang
General Manager



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Tests Conducted

1 Physical and Mechanical Tests(On samples:swim-ring-Rose Gold,Gold,Silver)

As per ASTM Standard Consumer Safety Specification for Toy Safety F963-17.

Applicant's Specified Age Group for Testing: For Ages 4 years and up

Test	FHSA	Parameter
Tip over Test	Section 1500.53(b)	3 times
Torque Test	Section 1500.53(e)	4 in-lbf
Tension Test	Section 1500.53(f)	15 lbf
Compression Test	Section 1500.53(g)	30 lbf

Section	Testing Items	Assessment
4.1	Material Quality	P
4.5	Sound-Producing Toys	NA
4.6.1	Toys Intended for Children under 36 Months (Small Objects)	NA
4.6.2	Mouth-Actuated Toys	NA
4.6.3	Toys And Games for 36 Months to 72 Months (Small Part Warning)	NA
4.7	Accessible Edges	P
4.8	Projections	NA
4.9	Accessible Points	P
4.10	Wires Or Rods	NA
4.11	Nails And Fasteners	NA
4.12	Plastic Film	P
4.13	Folding Mechanisms and Hinges	NA
4.14	Cords, Straps, and Elastics	NA
4.15	Stability and Over-Load Requirements	NA
4.16	Confined Spaces	NA
4.17	Wheels, Tires and Axles	NA
4.18	Holes, Clearance, and Accessibility of Mechanisms	NA
4.19	Simulated Protective Devices	NA
4.20	Pacifiers	NA
4.21	Projectile Toys	NA
4.22	Teethers and Teething Toys	NA
4.23	Rattles	NA
4.24	Squeeze Toys	NA
4.25	Battery-Operated Toys	NA
4.26	Toys Intended to be Attached to a Crib or Playpen	NA
4.27	Stuffed and Beanbag-Type Toys	NA
4.28	Stroller and Carriage Toys	NA
4.29	Art Materials	NA
4.30	Toy Gun Marking	NA
4.31	Balloons	NA



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<u>Section</u>	<u>Testing Items</u>	<u>Assessment</u>
4.32	Certain Toys with Nearly Spherical Ends	NA
4.33	Marbles	NA
4.34	Balls	NA
4.35	Pompoms	NA
4.36	Hemispheric-Shaped Objects	NA
4.37	Yo Yo Elastic Tether Toys	NA
4.38	Magnets	NA
4.39	Jaw Entrapment in Handles and Steering Wheels	NA
4.40	Expanding Materials	NA
4.41	Toy Chests	NA
5	Labelling Requirement	P
6	Instructional Literature	P
7	Producer's Markings	
	- Name of Producer/Distributor (Toy & Package)	Yes
	- Address (Toy & Package)	Yes

Remark: The submitted samples were undergone the tests in accordance with Section 8.5 through Section 8.18 and 8.21 through 8.26 on normal use, abuse and specific tests for different types of toys whichever is applicable.

P = Pass NA = Not Applicable

Date Sample Received: Apr.1, 2020 & Apr.9, 2020

Testing Period: Apr.1, 2020 To Apr.9, 2020

2 Flammability Test(On samples:swim-ring-Rose Gold,Gold,Silver)

As per section 4.2 of the ASTM Standard Consumer Safety Specification On Toy Safety F963-17.

Result = Ignited But Self-Extinguished before Burn Rate Could be Determined

Date Sample Received: Apr.7, 2020

Testing Period: Apr.7, 2020 To Apr.9, 2020

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3 Tracking Label Assessment(On samples:swim-ring-Rose Gold,Gold,Silver)

As per Consumer Product Safety Improvement Act (CPSIA) 2008 Section 103 Tracking Labels For Children Products.

Tracking Label Found on the Packaging:
 DIGO CREATIVE ENTERPRISE LTD.
 Shanghai China
 25/02/20
 Q1/20

Tracking Label Found on the Product:
 DIGO CREATIVE ENTERPRISE LTD.
 Shanghai China
 25/02/20
 Q1/20

Note: The tracking label assessment was based on the submitted sample and the information provided by the applicant. There was no verification on the validity of such information.

Date Sample Received: Apr.1, 2020 & Apr.9, 2020
 Testing Period: Apr.1, 2020 To Apr.9, 2020

4 Phthalate Content

With reference to CPSC-CH-C1001-09.3 and by Gas Chromatographic-Mass Spectrometric (GC-MS) analysis.

	<u>Result (%. w/w)</u>					<u>Limit (%. w/w)</u>
	(1)	(2+3)	(4+5)	(6)	(7+8+9)	
Dibutyl phthalate (DBP)	ND	ND	ND	ND	ND	0.1
Diethyl hexyl phthalate (DEHP)	ND	ND	ND	ND	ND	0.1
Benzyl butyl phthalate (BBP)	ND	ND	ND	ND	ND	0.1
Di-iso-decyl phthalate (DIDP)	ND	ND	ND	ND	ND	0.1
Di-n-hexyl phthalate (DnHP)	ND	ND	ND	ND	ND	0.1
Diisononyl phthalate (DINP)	ND	ND	ND	ND	ND	--

Remark: The above limit was quoted from the Consent Judgment No. BG-350969 settled by superior court of the State of California for the county of Alameda , for Toys based on the California Proposition 65.

ND = Not Detected
 Detected Limit = 0.01%(w/w)

Tested Component(s): See component list in the last section of this report

Date Sample Received: Apr.8, 2020
 Testing Period: Apr.8, 2020 To Apr.10, 2020

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Tests Conducted

5 Total Lead (Pb) Content

With reference to US EPA method 3050B/3051, acid digestion method was used and total Lead content was determined by Inductively Coupled Argon Plasma Spectrometry.

<u>Tested Component</u>	<u>Result (ppm)</u>	<u>Requirement (ppm)</u>
(1)	<10	90
(2+3)	<10	100
(4+5)	<10	100
(6)	<10	100
(7+8+9)	<10	100

The above limit was quoted from the Consent Judgement No.RG-356892, settled by superior court of the state of California for the County of Alameda, for Toys based on the California proposition 65.

Remark: ppm = Parts per million = mg/kg

Tested Components: See component list in the last section of this report.

Date Sample Received: Apr.8, 2020

Testing Period: Apr.8, 2020 To Apr.13, 2020

6 Heavy metal elements analysis

As per section 4.3.5.1(2) and 8.3.1 / 4.3.5.2(2)(b) and 8.3.1 of the ASTM standard consumer safety specification on toy safety F963-17, test methods CPSC-CH-E1003-09.1 and CPSC-CH-E1002-08.3 were used and heavy metal elements content were determined by Inductively Coupled Argon Plasma Spectrometry.

	<u>Result (ppm)</u>					<u>ASTM F963-17</u>
	(1)	(2+3)	(4+5)	(6)	(7+8+9)	<u>Soluble limit(ppm)</u>
Tot. Barium (Ba)	21	398	373	1288 ^{#1}	625 ^{#2}	1000
Tot. Lead(Pb)	<10	<10	<10	<10	<10	90
Tot. Cadmium (Cd)	<10	<10	<10	<10	<10	75
Tot. Antimony (Sb)	<10	<10	<10	<10	<10	60
Tot. Selenium (Se)	<10	<10	<10	<10	<10	500
Tot. Chromium (Cr)	32	<10	<10	<10	<10	60
Tot. Mercury(Hg)	<10	<10	<10	<10	<10	60
Tot. Arsenic (As)	<10	<10	<10	<10	<10	25

Remark: ppm = Parts per million = mg/kg

Tot. = Total

#1 = Exceeded soluble limit

#2 = The test result of composite tested component exceeded 80% of soluble limit, individual test were conducted

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Tested components: See component list in the last section of this report

Date Sample Received: Apr.8, 2020

Testing Period: Apr.8, 2020 To Apr.13, 2020

7 Soluble heavy metal elements analysis

As per section 4.3.5.1(2) and 8.3.2 / 4.3.5.2(2)(b) and 8.3.5 of the ASTM standard consumer safety specification on toy safety F963-17, acid extraction method was used and heavy metal elements content were determined by Inductively Coupled Argon Plasma Spectrometry.

	<u>Result (ppm)</u>				<u>Soluble Limit(ppm)</u>
	(6)	(7)	(8)	(9)	
Sol. Barium(Ba)	<5	<5	<5	<5	1000
Sol. Lead(Pb)	<5	<5	<5	<5	90
Sol. Cadmium(Cd)	<5	<5	<5	<5	75
Sol. Antimony(Sb)	<5	<5	<5	<5	60
Sol. Selenium(Se)	<5	<5	<5	<5	500
Sol. Chromium(Cr)	<5	<5	<5	<5	60
Sol. Mercury(Hg)	<5	<5	<5	<5	60
Sol. Arsenic(As)	<2.5	<2.5	<2.5	<2.5	25

Remark: ppm = Parts per million = mg/kg
Sol. = Soluble

Date Sample Received: Apr.8, 2020

Testing Period: Apr.8, 2020 To Apr.13, 2020

8 Total Lead (Pb) Content In Surface Coating

As per standard operating procedure for determining Lead (Pb) in paint and other similar surface coatings (April 26, 2009), test method CPSC-CH-E1003-09 was used and total Lead content was determined by Inductively Coupled Argon Plasma Spectrometry.

<u>Tested Component</u>	<u>Result (ppm)</u>	<u>Limit (ppm)</u>
(1)	<20	90

Remark: ppm = Parts per million = mg/kg

Tested Component: See component list in the last section of this report.

Date Sample Received: Apr.8, 2020

Testing Period: Apr.8, 2020 To Apr.13, 2020

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Tests Conducted

9 Total Lead (Pb) Content In Non-Surface Coating Materials (Substrate)

As per standard operating procedures for determining total Lead (Pb) in children's products, test method CPSC-CH-E1002-08.3 was used and total Lead content was determined by Inductively Coupled Argon Plasma Spectrometry.

<u>Tested Component</u>	<u>Result (ppm)</u>	<u>Limit (ppm)</u>
(2+3)	<10	100
(4+5)	<10	100
(6)	<10	100
(7+8+9)	<10	100

Remark: ppm = Parts per million = mg/kg

Tested Components: See component list in the last section of this report.

Date Sample Received: Apr.8, 2020

Testing Period: Apr.8, 2020 To Apr.13, 2020

10 Phthalate Content

With reference to CPSC-CH-C1001-09.4, by Gas Chromatographic-Mass Spectrometric (GC-MS) analysis.

<u>Test item</u>	<u>Result (%)</u>					<u>Limit (%) (Max.)</u>
	(1)	(2+3)	(4+5)	(6)	(7+8+9)	
Dibutyl phthalate (DBP)	ND	ND	ND	ND	ND	0.1
Di-(2-ethylhexyl) phthalate (DEHP)	ND	ND	ND	ND	ND	0.1
Benzyl butyl phthalate (BBP)	ND	ND	ND	ND	ND	0.1
Diisononyl phthalate (DINP)	ND	ND	ND	ND	ND	0.1
Diisobutyl phthalate (DIBP)	ND	ND	ND	ND	ND	0.1
Di-n-pentyl phthalate (DPENP)	ND	ND	ND	ND	ND	0.1
Di-n-hexyl phthalate (DHEXP)	ND	ND	ND	ND	ND	0.1
Dicyclohexyl phthalate (DCHP)	ND	ND	ND	ND	ND	0.1

The above limit was quoted according to 16 CFR part 1307 approved by U.S. Consumer Product Safety Commission (CPSC) for prohibition of children's toys and child care articles containing specified phthalates.

Remark: ND = Not Detected
Detection Limit = 0.01%

Tested Component(s): See component list in the last section of this report.

Date Sample Received: Apr.8, 2020

Testing Period: Apr.8, 2020 To Apr.10, 2020

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Tests Conducted



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SHAH01204801



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Tests Conducted



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Tests Conducted

Components List:

- (1) Multi-color coatings on plastic. (design on body) 59801/86840W/86840-S5/86840-G5/PZI2001/86840-RG5
- (2) Green soft plastic excluding coatings. (body) 59801
- (3) Brown soft plastic excluding coatings. (body) 59801
- (4) Transparent soft plastic excluding coatings. (body) 59801/86840W/86840-S5/86840-G5/PZI2001
- (5) Tea soft plastic excluding coatings. (body) PZI2001
- (6) Transparent blue soft plastic. (valve) PZI2001/86840W/86840-S5/86840-G5/59801/86840-RG5
- (7) Pink soft plastic excluding coatings. (body) 86840W/86840-RG5
- (8) Silvery color soft plastic excluding coatings. (body) 86840-S5
- (9) Gold color soft plastic excluding coatings. (body) 86840-G5

End of report

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