

**Test Report**

Number: SHAH01227539

Applicant: BALL, BOUNCE AND SPORT INC.  
1 HEDSTROM DRIVE, ASHLAND,  
OHIO, 44805, USA.  
Attn: MARY

Date: 28 Jun, 2020

Sample Description:

Eight(8)groups of submitted sample said to be :

- Item Name : 4" Wibbly Lil Darlings with LED, PDQ display  
Wibbly 3" Christmas Squish Bead Buddies with LED  
Fidgee Fun Squishy Squieezie Flutters  
4" Fidgee Fun Holiday Friends  
4" Fidgee Fun Halloween Buddies  
3" Fidgee Fun Holiday Ball  
4" Fidgee Fun Scary Monsters  
4" Tinsel Glitter Water Ball with LED.
- Item No. : 53-1727PDQ/ 53-2918PDQ/ 53-3568PDQ/ 53-3572PDQ/ 53-3573PDQ  
53-3574PDQ/ 53-3576PDQ/54-1950PDQ.
- UPC No. : 0-33149-14213-3/ 0-33149-12533-4/0-33149-01242-9/ 0-33149-01292-4/  
0-33149-06032-1/ 0-33149-04153-5/0-33149-03018-8/ 0-33149-14795-4.
- Quantity : 48pcs.
- Age requested on application form : 3+.
- Labelled Age Group : For item 4" Wibbly Lil Darlings with LED, PDQ display: 3+;  
For item Wibbly 3" Christmas Squish Bead Buddies with LED: 6+.  
For item Fidgee Fun Squishy Squieezie Flutters: 6+.  
For item 4" Fidgee Fun Holiday Friends: 6+.  
For item 4" Fidgee Fun Halloween Buddies: 6+.  
For item 3" Fidgee Fun Holiday Ball: 6+.  
For item 4" Fidgee Fun Scary Monsters: 6+.  
For item 4" Tinsel Glitter Water Ball with LED: 6+.
- Age grade applied in testing : For ages 3 years and up.
- Age grading from lab recommendation : For ages 3 years and up.
- Packaging Provided By Applicant : Yes.
- Manufacturer : JINHUA JINFENG PLASTIC TOY(V).
- Vendor : Ball, Bounce and Sport, Inc.
- Goods Exported To : USA/CANADA.
- Country Of Origin : China.

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Tests Conducted:

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

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To be continued

Authorized By:  
For Intertek Testing Services Ltd., Shanghai



Bill Zhang  
General Manager



## Test Report

Number: SHAH01227539

Conclusion:

Tested Samples  
Submitted Sample Sets

Standard

U.S. ASTM F963-17-Physical And Mechanical Tests

Result

Pass

U.S. ASTM F963-17-Flammability Test of Materials Other Than Textile Materials

Pass

U.S. CFR Title 16 (CPSC Regulations)-Mechanical and Physical Tests

Pass

U.S. CFR Title 16 (CPSC Regulations)-Part 1500.3(c)(6)(vi) Flammability Test On Rigid and Pliable Solids

Pass

Canada Consumer Product Safety Act Toys Regulations SOR/2011-17 with amendments SOR/2016-195, SOR/2016-302 and SOR/2018-138  
- Mechanical and Physical test

Pass

Canada Consumer Product Safety Act Toys Regulations SOR/2011-17 section 21 with amendments SOR/2016-195, SOR/2016-302 and SOR/2018-138  
- Cellulose Nitrate and Celluloid

Pass

Canada Consumer Product Safety Act Toys Regulations SOR/2011-17 with Amendments SOR/2016-195, SOR/2016-302 and SOR/2018-138 Section 32 / 33 / 34 for Flammability Test

Not Applicable

Tested component(s) of submitted sample

U.S. ASTM F963-17 for soluble elements content in surface coating

Pass

U.S. ASTM F963-17 section 4.3.5.2(2)(b) for soluble elements content for non-surface coating materials

Pass

U.S. CFR title 16(CPSC regulations)-Part 1303 total Lead content

Pass

U.S. Code of Federal Regulations title 16 part 1303 for total Lead content in surface coating

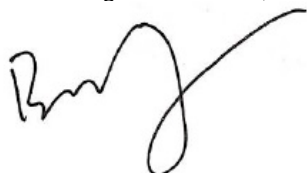
Pass

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To be continued

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Bill Zhang  
General Manager



**Test Report**

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Tested Samples  
Tested component(s) of  
submitted sample

Standard  
U.S. Consumer Product Safety Improvement Act 2008 title I,  
section 101 for total Lead content in surface coating

Result  
Pass

U.S. Consumer Product Safety Improvement Act 2008 title I,  
section 101 for total Lead content in non-surface coating  
materials (substrate)

Pass

California Proposition 65 for Toys,  
Consent Judgement No. RG-356892  
-Total Lead (Pb) content

Pass

Washington Children's Safe Products Act (CSPA) –  
Chapter 70.240.020 On Cadmium Requirements

Pass

Canada Consumer Product Safety Act Surface Coating  
Regulations SOR/2016-193 Section 6 (surface coating materials  
for furniture and other articles for children) for Total Lead Content  
Test

Pass

Canada Consumer Products Containing Lead Regulations  
SOR/2018-83

Pass

BBS's requirement for total Lead content in surface coating  
materials

Pass

BBS's requirement for total Lead content in non-surface coating  
materials (substrate)

Pass

Canada Consumer Product Safety Act Toys Regulation  
SOR/2011-17 section 23 and amendments SOR/2016-195 for  
Toxic Elements Test

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

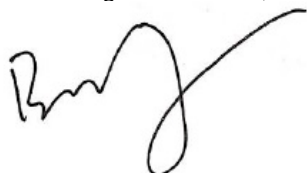
US California Proposition 65 -- Phthalate content

Pass

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To be continued

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**Test Report**

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<u>Tested Samples</u>	<u>Standard</u>	<u>Result</u>
Tested components of submitted sample	Phthalates content requirement in Canada Consumer Product Safety Act Phthalates Regulation SOR/2016-188	Pass
	BBS's requirement on phthalate content	Pass
	BBS's requirement on Bisphenol-A content	Pass
	Chlorinated paraffin (C10 - C13) content	See Test Conducted

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To be continued

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Bill Zhang  
General Manager



**Test Report**

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Tests Conducted

1 Physical and Mechanical Tests

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

Appropriate Age Group for Testing: For ages 3 years and up

The submitted samples were undergone the use and abuse tests in accordance with the Federal Hazardous Substances Act (FHSA), Title 16, Code of Federal Regulations: -		
<u>Test</u>	<u>FHSA</u>	<u>Parameter</u>
Impact Test	Section 1500.53(b)	4 x 3.0 ft
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

<u>Section</u>	<u>Testing Items</u>	<u>Assessment</u>
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	NA
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	P
4.26	Toys Intended to be Attached to a Crib or Playpen	NA
4.27	Stuffed and Beanbag-Type Toys	P
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 (Product & Packaging)	Yes
	- Address (Product & Packaging)	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: Jun.8, 2020 & Jun.24, 2020

Testing Period: Jun.8, 2020 to Jun.24, 2020

2 Flammability Test

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: Jun.8, 2020 & Jun.24, 2020

Testing Period: Jun.8, 2020 to Jun.24, 2020

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To be continued



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Tests Conducted

3 Physical and Mechanical Test

As per U.S. Code of Federal Regulations title 16 Part 1500.50, the hazards of sharp points, sharp edge and small parts are assessed both before and after applicable use and abuse tests.

Appropriate Age Group for Testing: For ages 3 years and up

	<u>No. of Sample Tested</u>	<u>Sharp Point</u> (1500.48)	<u>Sharp Edge</u> (1500.49)	<u>Small Part</u> (1501)
As Received	8	P	NA	NA
Impact (1500.53(b))	8	P	NA	NA
Flexure (1500.53(d))	0	NA	NA	NA
Torque (1500.53(e))	8	P	NA	NA
Tension (1500.53(f))	8	P	NA	NA
Compression (1500.53(g))	8	P	NA	NA

Remark: P = Pass  
NA = Not Applicable

Date Sample Received: Jun.8, 2020 & Jun.24, 2020

Testing Period: Jun.8, 2020 to Jun.24, 2020

4 Flammability Test

As per U.S. Code of Federal Regulations title 16 Part 1500.44 for rigid and pliable solids.

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

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Testing Period: Jun.8, 2020 to Jun.24, 2020

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### Tests Conducted

#### 5 Physical and Mechanical Test

Test Standard: Canada Consumer Product Safety Act Toys Regulations SOR/2011-17 with amendments SOR/2016-195, SOR/2016-302 and SOR/2018-138.

Appropriate age group for testing: For ages 3 years and up

The submitted samples were undergone the use and abuse tests in accordance with Canada Consumer Product Safety Act Toys Regulations SOR/2011-17 with amendments SOR/2016-195, SOR/2016-302 and SOR/2018-138.

Test	Parameter
Drop test	4 x (0.909±0.005) m
Pull test	42.5±2 N
Push test	42.5±2 N

No.	Testing Items	Assessment
3	General - English and French bilingual statement	NA
4	Packaging	
	(a) The opening perimeter is less than 14 inches	NA
	(b) The opening perimeter is more than 14 inches	NA
	<u>Electrical hazard</u>	
5	Electrically operated toys	NA
6	Electrically heated toys	NA
	<u>Mechanical hazard</u>	
7	Small parts	NA
8	Metal edges	NA
9	Wire frames	NA
10	Plastic edges	P
11	Wooden surfaces, edges and corners	NA
12	Glass	NA
13	Fasteners	NA
14	Folding mechanism, bracket or bracing	NA
15	Spring-wound driving mechanisms	NA
16	Projectile components	NA
17	Toys which a child can enter and which can be closed by a lid or door	NA
18	Stationary toy that is intended to bear the weight of a child	NA
	<u>Auditory hazards</u>	
19	Noise limit	NA
	<u>Thermal hazards</u>	
20	Heated surfaces, parts or substances	P
	<u>Dolls, plush toys and soft toys</u>	
28	Fastenings to attach parts, clothing or ornamentation	NA
29	Stuffing materials	
	(a) Clean and free from vermin	P
	(b) Free from hard and sharp foreign matter	P





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No.	Testing Items	Assessment
30	Small parts -Squeaker, reed, valve or other similar device	NA
31	Eyes and noses	NA
	<u>Plant seeds</u>	
35	Plant seeds for making noise	NA
36	Plant seeds for stuffing material	P
37	Shaft-like handle	NA
38	Toy steam engines boilers	NA
39	Finger paints	NA
40	Rattle	NA
41	Elastics	NA
42	Yo-yo type balls	
	(a) Stretchable cords	NA
	(b) Similar product	NA
43	Magnetic force	NA
44	Warning of magnetic toys	NA

Remark: P = Pass      NA = Not Applicable

Date Sample Received: Jun.8, 2020 & Jun.24, 2020

Testing Period: Jun.8, 2020 to Jun.24, 2020

6 Cellulose Nitrate and Celluloid

Test Standard: Canada Consumer Product Safety Act Toys Regulations SOR/2011-17 section 21 with amendments SOR/2016-195, SOR/2016-302.and SOR/2018-138

Cellulose Nitrate/Celluloid	<u>Assessment</u> Absent	<u>Requirement</u> Absent
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Date Sample Received: Jun.8, 2020 & Jun.24, 2020

Testing Period: Jun.8, 2020 to Jun.24, 2020

7 Flammability Test

As per Canada Consumer Product Safety Act Toys Regulations SOR/2011-17 with Amendments SOR/2016-195, SOR/2016-302 and SOR/2018-138 Section 32 / 33 / 34.

Result: Not Applicable

Date Sample Received: Jun.8, 2020 & Jun.24, 2020

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Tests Conducted

8 Soluble Elements Analysis In Surface Coating

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

	<u>Result (ppm)</u> (48)	<u>Limit (ppm)</u>
Sol. Barium (Ba)	<5	1000
Sol. Lead (Pb)	<5	90
Sol. Cadmium (Cd)	<5	75
Sol. Antimony (Sb)	<5	60
Sol. Selenium (Se)	<5	500
Sol. Chromium (Cr)	<5	60
Sol. Mercury (Hg)	<5	60
Sol. Arsenic (As)	<2.5	25

Remark: Sol. = soluble  
ppm = parts per million = mg/kg  
spl.wt. = sample weight

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

The sample weight in bracket was for soluble heavy metal elements analysis only.

Remark: @ = Since the sample weight of the components (1)(2)(3)(4)(5)(7)(8)(9)(10)(12)(13)(14)(15)(17)(21)(24)(30)(38)(43)&(49) were less than 10 mg, soluble elements analysis was not conducted. Only total Lead content was tested.

Date Sample Received: Jun.8, 2020  
Testing Period: Jun.8, 2020 to Jun.24, 2020

9 Soluble Elements Analysis In Non-Surface Coating Materials (Substrate Except Modelling Clay)

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

	<u>Result (ppm)</u>										<u>Limit (ppm)</u>
	(11)	(16)	(18)	(19)	(20)	(22)	(23)	(25)	(26)	(27)	
Sol. Barium (Ba)	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	1000
Sol. Lead (Pb)	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	90
Sol. Cadmium (Cd)	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	75
Sol. Antimony (Sb)	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	60
Sol. Selenium (Se)	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	500
Sol. Chromium (Cr)	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	60
Sol. Mercury (Hg)	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	60
Sol. Arsenic (As)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	25

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	<u>Result (ppm)</u>										<u>Limit (ppm)</u>
	(28)	(29)	(31)	(32)	(33)	(34)	(35)	(36)	(37)	(39)	
Sol. Barium (Ba)	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	1000
Sol. Lead (Pb)	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	90
Sol. Cadmium (Cd)	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	75
Sol. Antimony (Sb)	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	60
Sol. Selenium (Se)	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	500
Sol. Chromium (Cr)	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	60
Sol. Mercury (Hg)	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	60
Sol. Arsenic (As)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	25

	<u>Result (ppm)</u>										<u>Limit (ppm)</u>
	(40)	(41)	(42)	(44)	(45)	(46)	(47)	(50)	(51)	(52)	
Sol. Barium (Ba)	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	1000
Sol. Lead (Pb)	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	90
Sol. Cadmium (Cd)	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	75
Sol. Antimony (Sb)	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	60
Sol. Selenium (Se)	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	500
Sol. Chromium (Cr)	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	60
Sol. Mercury (Hg)	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	60
Sol. Arsenic (As)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	25

Remark: Sol. = soluble  
ppm = parts per million = mg/kg

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

Remark: Since the sample weight of the component (6) was less than 10 mg, soluble elements analysis was not conducted. Only total Lead content was tested.

Date Sample Received: Jun.8, 2020

Testing Period: Jun.8, 2020 to Jun.24, 2020

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Tests Conducted

10 Total Lead (Pb) Content

As per U.S. Code of Federal Regulations title 16 part 1303, acid digestion method was used and total Lead content was determined by Inductively Coupled Argon Plasma Spectrometry.

<u>Tested component</u>	<u>Result (%)</u>	<u>Limit (%)</u>
(1+2+3)	<0.002	0.009
(4+5+7)	<0.002	0.009
(8+9+10)	<0.002	0.009
(12+13+14)	<0.002	0.009
(15+17+21)	<0.002	0.009
(24+30+38)	<0.002	0.009
(43+48+49)	<0.002	0.009

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

Date Sample Received: Jun.8, 2020

Testing Period: Jun.8, 2020 to Jun.24, 2020

11 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+2+3)	<20	90
(4+5+7)	<20	90
(8+9+10)	<20	90
(12+13+14)	<20	90
(15+17+21)	<20	90
(24+30+38)	<20	90
(43+48+49)	<20	90

Remark: ppm = Parts per million = mg/kg

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

Date Sample Received: Jun.8, 2020

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### Tests Conducted

#### 12 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>
(6+11+16)	<10	100
(18+19+20)	<10	100
(22+23+25)	<10	100
(26+27+28)	<10	100
(29+31+32)	<10	100
(33+34+35)	<10	100
(36+37+39)	<10	100
(40+41+42)	<10	100
(44+45+46)	<10	100
(47+50)	<10	100
(51+52)	<10	100

Remark: ppm = Parts per million = mg/kg

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

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Tests Conducted

13 Total Lead (Pb) Content

With reference to US EPA method 3050B ,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+2+3)	<10	90
(4+5+7)	<10	90
(8+9+10)	<10	90
(12+13+14)	<10	90
(15+17+21)	<10	90
(24+30+38)	<10	90
(43+48+49)	<10	90
(6+11+16)	<10	100
(18+19+20)	<10	100
(22+23+25)	<10	100
(26+27+28)	<10	100
(29+31+32)	<10	100
(33+34+35)	<10	100
(36+37+39)	<10	100
(40+41+42)	<10	100
(44+45+46)	<10	100
(47+50)	<10	100
(51+52)	<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.

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14 Washington CSPA – Cadmium (Cd)

Test Method: Inductively Coupled Argon Plasma Spectrometry Techniques.

<u>Chemical</u>	<u>Result In ppm</u>					<u>Limit (ppm) (Max.)</u>
	(1+2+3)	(4+5+7)	(8+9+10)	(12+13+14)	(15+17+21)	
Total Cadmium (Cd)	ND	ND	ND	ND	ND	40

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Chemical	Result In ppm				Limit (ppm) (Max.)
	(24+30+38)	(43+48+49)	(6+11+16)	(18+19+20)	
Total Cadmium (Cd)	ND	ND	ND	ND	40

Chemical	Result In ppm				Limit (ppm) (Max.)
	(22+23+25)	(26+27+28)	(29+31+32)	(33+34+35)	
Total Cadmium (Cd)	ND	ND	ND	ND	40

Chemical	Result In ppm				Limit (ppm) (Max.)
	(36+37+39)	(40+41+42)	(44+45+46)	(51+52)	
Total Cadmium (Cd)	ND	ND	ND	ND	40

Remark: Detection Limit = 10 ppm for Cadmium  
ppm = parts per million = mg/kg  
ND = Not Detected

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

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Testing Period: Jun.8, 2020 to Jun.24, 2020

15 Total Lead (Pb) Content

(surface coating materials for furniture and other articles for children)

As per Canada Consumer Product Safety Act Surface Coating Regulations SOR/2016-193 Section 6, acid digestion method was used and total Lead content was determined by Inductively Coupled Argon Plasma Spectrometry.

Tested component	Result (mg/kg)	Limit (mg/kg)
(1+2+3)	<10	90
(4+5+7)	<10	90
(8+9+10)	<10	90
(12+13+14)	<10	90
(15+17+21)	<10	90
(24+30+38)	<10	90
(43+48+49)	<10	90

Remark: mg/kg = Milligram per kilogram

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

Date Sample Received: Jun.8, 2020

Testing Period: Jun.8, 2020 to Jun.24, 2020

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To be continued



**Test Report**

Number: SHAH01227539

Tests Conducted

16 Total Lead (Pb) content

As per method C02.2, C02.3 and C02.4, published in Health Canada Product safety reference manual Book 5 - Laboratory Policies and Procedures Part B: test methods section, acid digestion was used and Total Lead content was determined by Inductively Coupled Argon Plasma Spectrometry.

<u>Tested Component</u>	<u>Result (mg/kg)</u>	<u>Requirement (mg/kg)</u>
(6+11+16)	ND	90
(18+19+20)	ND	90
(22+23+25)	ND	90
(26+27+28)	ND	90
(29+31+32)	ND	90
(33+34+35)	ND	90
(36+37+39)	ND	90
(40+41+42)	ND	90
(44+45+46)	ND	90
(47+50)	ND	90
(51+52)	ND	90

Remark: The above limit was quoted according to Canada Consumer Products Containing Lead Regulations SOR/2018-83.  
Reporting Limit = 10 mg/kg  
ND=Not Detected

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

Date Sample Received: Jun.8, 2020

Testing Period: Jun.8, 2020 to Jun.24, 2020

17 Total Lead (Pb) Content in Surface Coating

As per client's request, acid digestion method was used and total Lead content was determined by Inductively Coupled Argon Plasma Spectrometry.

<u>Tested Component</u>	<u>Result in ppm</u>	<u>Requirement in ppm(Max.)</u>
(1+2+3)	ND	40
(4+5+7)	ND	40
(8+9+10)	ND	40
(12+13+14)	ND	40
(15+17+21)	ND	40
(24+30+38)	ND	40
(43+48+49)	ND	40

Remark: ppm = Parts per million = mg/kg  
ND = Not Detected  
Detection Limit = 10 ppm

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To be continued





**Test Report**

Number: SHAH01227539

Tests Conducted

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

Date Sample Received: Jun.8, 2020

Testing Period: Jun.8, 2020 to Jun.24, 2020

18 Total Lead (Pb) Content in Non-surface Coating Materials (substrate)

As per client's request, acid digestion method was used and total Lead content was determined by Inductively Coupled Argon Plasma Spectrometry.

<u>Tested Component</u>	<u>Result in ppm</u>	<u>Requirement in ppm</u>
(6+11+16)	ND	100
(18+19+20)	ND	100
(22+23+25)	ND	100
(26+27+28)	ND	100
(29+31+32)	ND	100
(33+34+35)	ND	100
(36+37+39)	ND	100
(40+41+42)	ND	100
(44+45+46)	ND	100
(47+50)	ND	100
(51+52)	ND	100

Remark: ppm = Parts per million = mg/kg

ND = Not Detected

Detection Limit = 10 ppm

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

Date Sample Received: Jun.8, 2020

Testing Period: Jun.8, 2020 to Jun.24, 2020

19 Toxic Elements Analysis

As per method C02.2, C07 and C03, published in Health Canada Product safety reference manual Book 5 - Laboratory Policies and Procedures Part B: test methods section, by acid digestion and extraction methods were used and toxic elements content were determined by Inductively Coupled Argon Plasma Spectrometry.

	<u>Result (mg/kg)</u>				<u>Limit (mg/kg)</u>
	(1+2+3)	(4+5+7)	(8+9+10)	(12+13+14)	
Tot. Lead (Pb)	<10	<10	<10	<10	90
Tot. Mercury (Hg)	ND(<0.078)	ND(<0.078)	ND(<0.078)	ND(<0.078)	ND
Sol. Cadmium (Cd)	<10	<10	<10	<10	1000
Sol. Antimony (Sb)	<10	<10	<10	<10	1000
Sol. Selenium (Se)	<10	<10	<10	<10	1000
Sol. Arsenic (As)	<10	<10	<10	<10	1000
Sol. Barium (Ba)	<10	<10	<10	<10	1000

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To be continued



## Test Report

Number: SHAH01227539

### Tests Conducted

	(15+17+21)	Result (mg/kg) (24+30+38)	(43+48+49)	Limit (mg/kg)
Tot. Lead (Pb)	<10	<10	<10	90
Tot. Mercury (Hg)	ND(<0.078)	ND(<0.078)	ND(<0.078)	ND
Sol. Cadmium (Cd)	<10	<10	<10	1000
Sol. Antimony (Sb)	<10	<10	<10	1000
Sol. Selenium (Se)	<10	<10	<10	1000
Sol. Arsenic (As)	<10	<10	<10	1000
Sol. Barium (Ba)	<10	<10	<10	1000

Remark: mg/kg = Milligram per kilogram

Tot. = Total

Sol. = Soluble

ND = Not detected (<0.078 mg/kg)

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

Date Sample Received: Jun.8, 2020

Testing Period: Jun.8, 2020 to Jun.24, 2020

### 20 Phthalate Content

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

Test item	Result (%)			Limit (%) (Max.)
	(1+2+3)	(4+5+7)	(8+9+10)	
Dibutyl phthalate (DBP)	ND	ND	ND	0.1
Di-(2-ethylhexyl) phthalate (DEHP)	ND	ND	ND	0.1
Benzyl butyl phthalate (BBP)	ND	ND	ND	0.1
Diisononyl phthalate (DINP)	ND	ND	ND	0.1
Diisobutyl phthalate (DIBP)	ND	ND	ND	0.1
Di-n-pentyl phthalate (DPENP)	ND	ND	ND	0.1
Di-n-hexyl phthalate (DHEXP)	ND	ND	ND	0.1
Dicyclohexyl phthalate (DCHP)	ND	ND	ND	0.1

Test item	Result (%)			Limit (%) (Max.)
	(12+13+14)	(15+17+21)	(24+30+38)	
Dibutyl phthalate (DBP)	ND	ND	ND	0.1
Di-(2-ethylhexyl) phthalate (DEHP)	ND	ND	ND	0.1
Benzyl butyl phthalate (BBP)	ND	ND	ND	0.1
Diisononyl phthalate (DINP)	ND	ND	ND	0.1
Diisobutyl phthalate (DIBP)	ND	ND	ND	0.1
Di-n-pentyl phthalate (DPENP)	ND	ND	ND	0.1
Di-n-hexyl phthalate (DHEXP)	ND	ND	ND	0.1
Dicyclohexyl phthalate (DCHP)	ND	ND	ND	0.1

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To be continued



**Test Report**

Number: SHAH01227539

Tests Conducted

Test item	Result (%)			Limit (%) (Max.)
	(43+48+49)	(6+11+16)	(18+19+20)	
Dibutyl phthalate (DBP)	ND	ND	ND	0.1
Di-(2-ethylhexyl) phthalate (DEHP)	ND	ND	ND	0.1
Benzyl butyl phthalate (BBP)	ND	ND	ND	0.1
Diisononyl phthalate (DINP)	ND	ND	ND	0.1
Diisobutyl phthalate (DIBP)	ND	ND	ND	0.1
Di-n-pentyl phthalate (DPENP)	ND	ND	ND	0.1
Di-n-hexyl phthalate (DHEXP)	ND	ND	ND	0.1
Dicyclohexyl phthalate (DCHP)	ND	ND	ND	0.1

Test item	Result (%)			Limit (%) (Max.)
	(22+23+25)	(26+27+28)	(29+31+32)	
Dibutyl phthalate (DBP)	ND	ND	ND	0.1
Di-(2-ethylhexyl) phthalate (DEHP)	ND	ND	ND	0.1
Benzyl butyl phthalate (BBP)	ND	ND	ND	0.1
Diisononyl phthalate (DINP)	ND	ND	ND	0.1
Diisobutyl phthalate (DIBP)	ND	ND	ND	0.1
Di-n-pentyl phthalate (DPENP)	ND	ND	ND	0.1
Di-n-hexyl phthalate (DHEXP)	ND	ND	ND	0.1
Dicyclohexyl phthalate (DCHP)	ND	ND	ND	0.1

Test item	Result (%)			Limit (%) (Max.)
	(33+34+35)	(36+37+39)	(40+41+42)	
Dibutyl phthalate (DBP)	ND	ND	ND	0.1
Di-(2-ethylhexyl) phthalate (DEHP)	ND	ND	ND	0.1
Benzyl butyl phthalate (BBP)	ND	ND	ND	0.1
Diisononyl phthalate (DINP)	ND	ND	ND	0.1
Diisobutyl phthalate (DIBP)	ND	ND	ND	0.1
Di-n-pentyl phthalate (DPENP)	ND	ND	ND	0.1
Di-n-hexyl phthalate (DHEXP)	ND	ND	ND	0.1
Dicyclohexyl phthalate (DCHP)	ND	ND	ND	0.1

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To be continued



**Test Report**

Number: SHAH01227539

Tests Conducted

Test item	Result (%)			Limit (%) (Max.)
	(44+45+46)	(47+50)	(51+52)	
Dibutyl phthalate (DBP)	ND	ND	ND	0.1
Di-(2-ethylhexyl) phthalate (DEHP)	ND	ND	ND	0.1
Benzyl butyl phthalate (BBP)	ND	ND	ND	0.1
Diisononyl phthalate (DINP)	ND	ND	ND	0.1
Diisobutyl phthalate (DIBP)	ND	ND	ND	0.1
Di-n-pentyl phthalate (DPENP)	ND	ND	ND	0.1
Di-n-hexyl phthalate (DHEXP)	ND	ND	ND	0.1
Dicyclohexyl phthalate (DCHP)	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 Components: See component list in the last section of this report.

Date Sample Received: Jun.8, 2020  
Testing Period: Jun.8, 2020 to Jun.24, 2020

21 Phthalate Content

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

	Result (% w/w)			Limit (% w/w)
	(1+2+3)	(4+5+7)	(8+9+10)	
Dibutyl phthalate (DBP)	ND	ND	ND	0.1
Diethyl hexyl phthalate (DEHP)	ND	ND	ND	0.1
Benzyl butyl phthalate (BBP)	ND	ND	ND	0.1
Di-iso-decyl phthalate (DIDP)	ND	ND	ND	0.1
Di-n-hexyl phthalate (DnHP)	ND	ND	ND	0.1
Diisononyl phthalate (DINP)	ND	ND	ND	--

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To be continued



**Test Report**

Number: SHAH01227539

Tests Conducted

	<u>Result (% w/w)</u>			<u>Limit (% w/w)</u>
	(12+13+14)	(15+17+21)	(24+30+38)	
Dibutyl phthalate (DBP)	ND	ND	ND	0.1
Diethyl hexyl phthalate (DEHP)	ND	ND	ND	0.1
Benzyl butyl phthalate (BBP)	ND	ND	ND	0.1
Di-iso-decyl phthalate (DIDP)	ND	ND	ND	0.1
Di-n-hexyl phthalate (DnHP)	ND	ND	ND	0.1
Diisononyl phthalate (DINP)	ND	ND	ND	--

	<u>Result (% w/w)</u>			<u>Limit (% w/w)</u>
	(43+48+49)	(6+11+16)	(18+19+20)	
Dibutyl phthalate (DBP)	ND	ND	ND	0.1
Diethyl hexyl phthalate (DEHP)	ND	ND	ND	0.1
Benzyl butyl phthalate (BBP)	ND	ND	ND	0.1
Di-iso-decyl phthalate (DIDP)	ND	ND	ND	0.1
Di-n-hexyl phthalate (DnHP)	ND	ND	ND	0.1
Diisononyl phthalate (DINP)	ND	ND	ND	--

	<u>Result (% w/w)</u>			<u>Limit (% w/w)</u>
	(22+23+25)	(26+27+28)	(29+31+32)	
Dibutyl phthalate (DBP)	ND	ND	ND	0.1
Diethyl hexyl phthalate (DEHP)	ND	ND	ND	0.1
Benzyl butyl phthalate (BBP)	ND	ND	ND	0.1
Di-iso-decyl phthalate (DIDP)	ND	ND	ND	0.1
Di-n-hexyl phthalate (DnHP)	ND	ND	ND	0.1
Diisononyl phthalate (DINP)	ND	ND	ND	--

	<u>Result (% w/w)</u>			<u>Limit (% w/w)</u>
	(33+34+35)	(36+37+39)	(40+41+42)	
Dibutyl phthalate (DBP)	ND	ND	ND	0.1
Diethyl hexyl phthalate (DEHP)	ND	ND	ND	0.1
Benzyl butyl phthalate (BBP)	ND	ND	ND	0.1
Di-iso-decyl phthalate (DIDP)	ND	ND	ND	0.1
Di-n-hexyl phthalate (DnHP)	ND	ND	ND	0.1
Diisononyl phthalate (DINP)	ND	ND	ND	--

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To be continued



**Test Report**

Number: SHAH01227539

Tests Conducted

	<u>Result (%. w/w)</u>			<u>Limit (%. w/w)</u>
	(44+45+46)	(47+50)	(51+52)	
Dibutyl phthalate (DBP)	ND	ND	ND	0.1
Diethyl hexyl phthalate (DEHP)	ND	ND	ND	0.1
Benzyl butyl phthalate (BBP)	ND	ND	ND	0.1
Di-iso-decyl phthalate (DIDP)	ND	ND	ND	0.1
Di-n-hexyl phthalate (DnHP)	ND	ND	ND	0.1
Diisononyl phthalate (DINP)	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 Components: See component list in the last section of this report.

Date Sample Received: Jun.8, 2020  
 Testing Period: Jun.8, 2020 to Jun.23, 2020

22 Phthalate content test

As per Health Canada - part B, test methods section, method C-34,by Gas Chromatography-Mass Spectrometry (GC-MS) analysis

<u>Tested Compound</u>	<u>Result (ppm)</u>		<u>Limit(ppm) (MAX.)</u>
	(6+11+16)	(18+19+20)	
Di-butyl phthalate (DBP)	ND	ND	1000
Di(2-ethyl hexyl) phthalate(DEHP)	ND	ND	1000
Benzyl butyl phthalate (BBP)	ND	ND	1000
Di-iso-nonyl phthalate (DINP)	ND	ND	1000
Di-n-octyl phthalate (DNOP)	ND	ND	1000
Di-iso-decyl phthalate (DIDP)	ND	ND	1000

<u>Tested Compound</u>	<u>Result (ppm)</u>			<u>Limit(ppm) (MAX.)</u>
	(22+23+25)	(26+27+28)	(29+31+32)	
Di-butyl phthalate (DBP)	ND	ND	ND	1000
Di(2-ethyl hexyl) phthalate(DEHP)	ND	ND	ND	1000
Benzyl butyl phthalate (BBP)	ND	ND	ND	1000
Di-iso-nonyl phthalate (DINP)	ND	ND	ND	1000
Di-n-octyl phthalate (DNOP)	ND	ND	ND	1000
Di-iso-decyl phthalate (DIDP)	ND	ND	ND	1000

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To be continued



**Test Report**

Number: SHAH01227539

Tests Conducted

<u>Tested Compound</u>	<u>Result (ppm)</u>			<u>Limit(ppm) (MAX.)</u>
	(33+34+35)	(36+37+39)	(40+41+42)	
Di-butyl phthalate (DBP)	ND	ND	ND	1000
Di(2-ethyl hexyl) phthalate(DEHP)	ND	ND	ND	1000
Benzyl butyl phthalate (BBP)	ND	ND	ND	1000
Di-iso-nonyl phthalate (DINP)	ND	ND	ND	1000
Di-n-octyl phthalate (DNOP)	ND	ND	ND	1000
Di-iso-decyl phthalate (DIDP)	ND	ND	ND	1000

<u>Tested Compound</u>	<u>Result (ppm)</u>			<u>Limit(ppm) (MAX.)</u>
	(44+45+46)	(47+50)	(51+52)	
Di-butyl phthalate (DBP)	ND	ND	ND	1000
Di(2-ethyl hexyl) phthalate(DEHP)	ND	ND	ND	1000
Benzyl butyl phthalate (BBP)	ND	ND	ND	1000
Di-iso-nonyl phthalate (DINP)	ND	ND	ND	1000
Di-n-octyl phthalate (DNOP)	ND	ND	ND	1000
Di-iso-decyl phthalate (DIDP)	ND	ND	ND	1000

Remark: The above limit was quoted according to Canada Consumer Product Safety Act Phthalates Regulation SOR/2016-188 for phthalate content on toys and child care articles.

Detection Limit = 100ppm  
 ppm = Parts per million=mg/kg  
 ND = Not Detected

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

Date Sample Received: Jun.8, 2020

Testing Period: Jun.8, 2020 to Jun.23, 2020

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To be continued



## Test Report

Number: SHAH01227539

Tests Conducted

### 23 Phthalate content test

As per client's request, followed by Gas Chromatography-Mass Spectrometry (GC-MS) and High-Performance Liquid Chromatography (HPLC) analysis.

Tested Compound	Result (ppm)			Requirement (ppm) (Max.)
	(1+2+3)	(4+5+7)	(8+9+10)	
Di(2-ethyl hexyl) phthalate(DEHP)	ND	ND	ND	1000
Benzyl butyl phthalate (BBP)	ND	ND	ND	1000
Di-butyl phthalate (DBP)	ND	ND	ND	1000
Di-iso-nonyl phthalate (DINP)	ND	ND	ND	1000
Di-n-octyl phthalate (DnOP)	ND	ND	ND	1000
Di-iso-decyl phthalate (DIDP)	ND	ND	ND	1000
Di-iso-butyl phthalate (DIBP)	ND	ND	ND	1000
Di-n-pentyl phthalate (DnPP/DPENP)	ND	ND	ND	1000
Di-n-hexyl phthalate (DnHP/DHEXP)	ND	ND	ND	1000
Di-(iso-octyl) phthalate (DIOP)	ND	ND	ND	1000
Di-cyclohexyl phthalate (DCHP)	ND	ND	ND	1000
Di-ethyl phthalate (DEP)	ND	ND	ND	1000
Monobutyl phthalate (MBP)	ND	ND	ND	1000

Tested Compound	Result (ppm)			Requirement (ppm) (Max.)
	(12+13+14)	(15+17+21)	(24+30+38)	
Di(2-ethyl hexyl) phthalate(DEHP)	ND	ND	ND	1000
Benzyl butyl phthalate (BBP)	ND	ND	ND	1000
Di-butyl phthalate (DBP)	ND	ND	ND	1000
Di-iso-nonyl phthalate (DINP)	ND	ND	ND	1000
Di-n-octyl phthalate (DnOP)	ND	ND	ND	1000
Di-iso-decyl phthalate (DIDP)	ND	ND	ND	1000
Di-iso-butyl phthalate (DIBP)	ND	ND	ND	1000
Di-n-pentyl phthalate (DnPP/DPENP)	ND	ND	ND	1000
Di-n-hexyl phthalate (DnHP/DHEXP)	ND	ND	ND	1000
Di-(iso-octyl) phthalate (DIOP)	ND	ND	ND	1000
Di-cyclohexyl phthalate (DCHP)	ND	ND	ND	1000
Di-ethyl phthalate (DEP)	ND	ND	ND	1000
Monobutyl phthalate (MBP)	ND	ND	ND	1000

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To be continued





**Test Report**

Number: SHAH01227539

Tests Conducted

Tested Compound	Result (ppm)			Requirement (ppm) (Max.)
	(43+48+49)	(6+11+16)	(18+19+20)	
Di(2-ethyl hexyl) phthalate(DEHP)	ND	ND	ND	1000
Benzyl butyl phthalate (BBP)	ND	ND	ND	1000
Di-butyl phthalate (DBP)	ND	ND	ND	1000
Di-iso-nonyl phthalate (DINP)	ND	ND	ND	1000
Di-n-octyl phthalate (DnOP)	ND	ND	ND	1000
Di-iso-decyl phthalate (DIDP)	ND	ND	ND	1000
Di-iso-butyl phthalate (DIBP)	ND	ND	ND	1000
Di-n-pentyl phthalate (DnPP/DPENP)	ND	ND	ND	1000
Di-n-hexyl phthalate (DnHP/DHEXP)	ND	ND	ND	1000
Di-(iso-octyl) phthalate (DIOP)	ND	ND	ND	1000
Di-cyclohexyl phthalate (DCHP)	ND	ND	ND	1000
Di-ethyl phthalate (DEP)	ND	ND	ND	1000
Monobutyl phthalate (MBP)	ND	ND	ND	1000

Tested Compound	Result (ppm)			Requirement (ppm) (Max.)
	(22+23+25)	(26+27+28)	(29+31+32)	
Di(2-ethyl hexyl) phthalate(DEHP)	ND	ND	ND	1000
Benzyl butyl phthalate (BBP)	ND	ND	ND	1000
Di-butyl phthalate (DBP)	ND	ND	ND	1000
Di-iso-nonyl phthalate (DINP)	ND	ND	ND	1000
Di-n-octyl phthalate (DnOP)	ND	ND	ND	1000
Di-iso-decyl phthalate (DIDP)	ND	ND	ND	1000
Di-iso-butyl phthalate (DIBP)	ND	ND	ND	1000
Di-n-pentyl phthalate (DnPP/DPENP)	ND	ND	ND	1000
Di-n-hexyl phthalate (DnHP/DHEXP)	ND	ND	ND	1000
Di-(iso-octyl) phthalate (DIOP)	ND	ND	ND	1000
Di-cyclohexyl phthalate (DCHP)	ND	ND	ND	1000
Di-ethyl phthalate (DEP)	ND	ND	ND	1000
Monobutyl phthalate (MBP)	ND	ND	ND	1000

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To be continued



**Test Report**

Number: SHAH01227539

Tests Conducted

Tested Compound	Result (ppm)			Requirement (ppm) (Max.)
	(33+34+35)	(36+37+39)	(40+41+42)	
Di(2-ethyl hexyl) phthalate(DEHP)	ND	ND	ND	1000
Benzyl butyl phthalate (BBP)	ND	ND	ND	1000
Di-butyl phthalate (DBP)	ND	ND	ND	1000
Di-iso-nonyl phthalate (DINP)	ND	ND	ND	1000
Di-n-octyl phthalate (DnOP)	ND	ND	ND	1000
Di-iso-decyl phthalate (DIDP)	ND	ND	ND	1000
Di-iso-butyl phthalate (DIBP)	ND	ND	ND	1000
Di-n-pentyl phthalate (DnPP/DPENP)	ND	ND	ND	1000
Di-n-hexyl phthalate (DnHP/DHEXP)	ND	ND	ND	1000
Di-(iso-octyl) phthalate (DIOP)	ND	ND	ND	1000
Di-cyclohexyl phthalate (DCHP)	ND	ND	ND	1000
Di-ethyl phthalate (DEP)	ND	ND	ND	1000
Monobutyl phthalate (MBP)	ND	ND	ND	1000

Tested Compound	Result (ppm)			Requirement (ppm) (Max.)
	(44+45+46)	(47+50)	(51+52)	
Di(2-ethyl hexyl) phthalate(DEHP)	ND	ND	ND	1000
Benzyl butyl phthalate (BBP)	ND	ND	ND	1000
Di-butyl phthalate (DBP)	ND	ND	ND	1000
Di-iso-nonyl phthalate (DINP)	ND	ND	ND	1000
Di-n-octyl phthalate (DnOP)	ND	ND	ND	1000
Di-iso-decyl phthalate (DIDP)	ND	ND	ND	1000
Di-iso-butyl phthalate (DIBP)	ND	ND	ND	1000
Di-n-pentyl phthalate (DnPP/DPENP)	ND	ND	ND	1000
Di-n-hexyl phthalate (DnHP/DHEXP)	ND	ND	ND	1000
Di-(iso-octyl) phthalate (DIOP)	ND	ND	ND	1000
Di-cyclohexyl phthalate (DCHP)	ND	ND	ND	1000
Di-ethyl phthalate (DEP)	ND	ND	ND	1000
Monobutyl phthalate (MBP)	ND	ND	ND	1000

Remark: ND = Not Detected  
 ppm = Parts per million = mg/kg  
 Detection Limit = 100ppm

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

Date Sample Received: Jun.8, 2020  
 Testing Period: Jun.8, 2020 to Jun.23, 2020

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To be continued



## Test Report

Number: SHAH01227539

Tests Conducted

### 24 Bisphenol-A Content

By solvent extraction and followed by Liquid Chromatography-Mass Spectrometry (LC-MS/MS) analysis.

<u>Tested Components</u>	<u>Result (mg/kg)</u>	<u>Requirement (mg/kg)</u>
(1)	4.3	1000
(2)	0.7	1000
(3)	2.4	1000
(4)	0.9	1000
(5)	0.7	1000
(6)	0.1	1000
(7)	2.6	1000
(8)	0.5	1000
(9)	3.0	1000
(10)	0.8	1000
(11)	ND	1000
(12)	0.5	1000
(13)	2.2	1000
(14)	1.9	1000
(15)	0.9	1000
(16)	ND	1000
(17)	3.7	1000
(18)	ND	1000
(19)	ND	1000
(20)	ND	1000
(21)	0.3	1000
(22)	0.8	1000
(23)	ND	1000
(24)	3.1	1000
(25)	ND	1000
(26)	ND	1000
(27)	ND	1000
(28)	ND	1000
(29)	ND	1000
(30)	1.7	1000
(31)	ND	1000
(32)	ND	1000
(33)	ND	1000
(34)	ND	1000
(35)	ND	1000
(36)	ND	1000
(37)	ND	1000
(38)	0.5	1000
(39)	ND	1000
(40)	ND	1000
(41)	ND	1000
(42)	ND	1000
(43)	1.3	1000
(44)	ND	1000
(45)	ND	1000
(46)	ND	1000
(47)	ND	1000
(48)	1.9	1000
(49)	0.6	1000
(50)	ND	1000



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<u>Tested Components</u>	<u>Result (mg/kg)</u>	<u>Requirement (mg/kg)</u>
(51)	ND	1000
(52)	ND	1000
(53)	ND	1000
(54)	ND	1000
(55)	ND	1000
(56)	ND	1000
(57)	0.2	1000
(58)	2.3	1000

Remark: ND = Not Detected  
Detection Limit = 0.1mg/kg

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

Date Sample Received: Jun.8, 2020  
Testing Period: Jun.8, 2020 to Jun.23, 2020

### 25 Chlorinated Paraffin (C10 - C13)

By solvent extraction,determined by Gas Chromatography-Electron Capture Detector (GC-ECD) and Gas Chromatography-Negative Chemical Ionization-Mass Spectrometry (GC-NCI-MS).

<u>Tested Component</u>	<u>Result (%. w/w)</u>
(1)	ND
(2)	ND
(3)	ND
(4)	ND
(5)	ND
(6)	ND
(7)	ND
(8)	ND
(9)	ND
(10)	ND
(11)	ND
(12)	ND
(13)	ND
(14)	ND
(15)	ND
(16)	ND
(17)	ND
(18)	ND
(19)	ND
(20)	ND
(21)	ND
(22)	ND
(23)	ND
(24)	ND
(25)	ND
(26)	ND
(27)	ND
(28)	ND
(29)	ND
(30)	ND
(31)	ND



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<u>Tested Component</u>	<u>Result (% w/w)</u>
(32)	ND
(33)	ND
(34)	ND
(35)	ND
(36)	ND
(37)	ND
(38)	ND
(39)	ND
(40)	ND
(41)	ND
(42)	ND
(43)	ND
(44)	ND
(45)	ND
(46)	ND
(47)	ND
(48)	ND
(49)	ND
(50)	ND
(51)	ND
(52)	ND
(53)	ND
(54)	ND
(55)	ND
(56)	ND
(57)	ND
(58)	ND
(60)	ND
(61)	ND
(62)	ND
(63)	ND

Remark: Detection Limit = 0.01%(w/w)  
ND = Not Detected

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

Date Sample Received: Jun.8, 2020

Testing Period: Jun.8, 2020 to Jun.23, 2020

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To be continued



**Test Report**

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Tests Conducted

**SHAH01227539**



To be continued



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Tests Conducted



\*\*\*\*\*  
To be continued





## Test Report

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### Tests Conducted

#### Components List:

- (1) Black coating on plastic. (Olaf)
- (2) Blue coating on plastic. (Olaf)
- (3) Orange coating on plastic. (Olaf)
- (4) Yellow coating on plastic. (Olaf)
- (5) Pink coating on plastic. (Olaf)
- (6) White soft plastic excluding coatings. (Olaf)
- (7) Dark red coating on plastic. (Santa)
- (8) White coating on plastic. (Santa)
- (9) Flesh color coating on plastic. (Santa)
- (10) Light blue coating on plastic. (Santa)
- (11) Light red soft plastic excluding coatings. (Santa)
- (12) Light yellow coating on plastic. (elk)
- (13) Dark brown coating on plastic. (elk)
- (14) Red coating on plastic. (elk)
- (15) Light flesh color coating on plastic. (elk)
- (16) Brown soft plastic excluding coatings. (elk)
- (17) Light red coating on plastic. (crab)
- (18) Red soft plastic excluding coatings. (crab monster)
- (19) Yellow soft plastic excluding coatings. (yellow monster)
- (20) Green soft plastic excluding coatings. (frog monster)
- (21) Pink coating on plastic. (purple monster)
- (22) Purple soft plastic excluding coatings. (purple monster)
- (23) Transparent soft plastic. (bottom)
- (24) Deep blue coating on plastic. (orange)
- (25) Orange soft plastic excluding coatings. (orange)
- (26) Black soft plastic excluding coatings. (cat)
- (27) Brown soft plastic excluding coatings. (deer)
- (28) Pink soft plastic excluding coatings. (fly pig)
- (29) Pink purple soft plastic. (fly pig wings)
- (30) Purple coating on plastic. (fly cow)
- (31) Purple soft plastic. (fly cow wings)
- (32) Deep blue soft plastic. (fly hippo wings)
- (33) Light gray soft plastic excluding coatings. (fly hippo)
- (34) Violet soft plastic. (fly rhinoceros wings)
- (35) Light pink purple soft plastic excluding coatings. (fly rhinoceros)
- (36) Light blue soft plastic excluding coatings. (fly elephant)
- (37) Turquoise soft plastic. (fly elephant wings)
- (38) Brown red coating on plastic. (fly giraffe)
- (39) Dark orange soft plastic. (fly giraffe wings)
- (40) Semi-transparent brown soft plastic. (elk)
- (41) Semi-transparent red soft plastic. (Santa)
- (42) Semi-transparent white soft plastic. (Olaf)
- (43) Dark blue coating on plastic. (elephant eyes)
- (44) Blue soft plastic excluding coating. (elephant)
- (45) White soft plastic excluding coatings. (elephant eyes)

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To be continued





## Test Report

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### Tests Conducted

- (46) Light green soft plastic excluding coating. (green bird)
- (47) Yellow soft plastic excluding coating. (green bird eyes)
- (48) Peach coating on plastic. (red bird mouth)
- (49) Deep blue coating on plastic. (red bird wings)
- (50) Deep red soft plastic excluding coatings. (red bird)
- (51) Brown soft plastic. (red bird legs)
- (52) Transparent soft plastic. (water ball)
- (53) Transparent laser plastic film. (in water ball)
- (54) Transparent particle. (in ball)
- (55) White paste.
- (56) Transparent plastic. (inside battery box)
- (57) PCB board. (inside)
- (58) Transparent plastic film. (inside on battery)
- (59) Battery.
- (60) Yellow liquid. (in water ball)
- (61) Blue liquid. (in water ball)
- (62) Green liquid. (in water ball)
- (63) Dark pink liquid. (in water ball)

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End of report

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