

# TEST REPORT

Approved Date: Sep.25,2019

Report No. AL0219092003EN

Page 1 / 12

**CLIENT** FLYBAR INC  
**ADDRESS** 88 INDUSTRIAL CT. FREEHOLD, NJ 07728

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

**Sample Name** My First Flybar Pogo Hoppe  
**Name of supplier** MFG#3601-02  
**Age** 3+  
**Country of origin** China  
**Country of destination** USA  
**Buyer** Flybar  
**Item No.** MFF-B, MFF-R, MFF-P, MFF-O, MFFLC-B, MFFLC-R, MFF-FOX, MFF-FROGGY,MFF-PANDA, HKHP-V2,MFF-POGO-B, MFF-POGO-PMFF-0006, MFF-0010,

**Summary**

**Date Received** Sep.20 2019  
**Test Period** Sep.20, 2019 to Sep.25, 2019

Test Request	Standard	Conclusion
<b>1. ASTM F 963-17</b>	<b>Standard Consumer Safety Specification for Toy Safety</b>	--
	1.1 Physical and mechanical test	<b>PASS</b>
	1.2 Flammability test	<b>PASS</b>
	1.3 Heavy metals test	<b>PASS</b>
<b>2. CPSIA</b>	<b>The Consumer Product Safety Improvement Act</b>	--
	2.1 Sec. 101 Children's products containing lead; lead paint rule.	<b>PASS</b>
	2.2 Sec. 108 Prohibition on sale of certain products containing specified phthalates.	<b>PASS</b>
	2.3 Sec. 103 Tracking labels for children's products.	<b>PASS</b>

For more information about the test, please refer to the following pages.

Compiled By Tan Pengjuan

Checked By Zhang Kun

Approved by Huo Junjie



Signed for and on behalf of Shanghai Lelangtek Testing Technology Co., Ltd.(2<sup>nd</sup> Floor, Building 4, No.158, Jinfeng Road, Pudong, Shanghai)

# TEST REPORT

Approved Date: Sep.25,2019

Report No. AL0219092003EN

Page 2 / 12

## PRODUCT PHOTOS



Lelangtek authenticated the photos on original report only

# TEST REPORT

Approved Date: Sep.25,2019

Page 3 / 12

Report No. AL0219092003EN

## TEST RESULT

### 1 Standard Consumer Safety Specification for Toy Safety ASTM F 963-17

#### 1.1 Physical and mechanical test

Age grade applied in testing: Over 3 years of age

##### 1.1.1 Applicable requirements for before and after use and abuse test

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

# TEST REPORT

Approved Date: Sep.25,2019

Report No. AL0219092003EN

Page 4 / 12

Section	Test Items	Results
4.32	Certain Toys with Nearly Spherical Ends	N/A
4.33	Marbles	N/A
4.34	Balls	N/A
4.35	Pompoms	N/A
4.36	Hemispheric-Shaped Objects	N/A
4.37	Yo Yo Elastic Tether Toys	N/A
4.38	Magnets	N/A
4.39	Jaw Entrapment in Handles and Steering Wheels	N/A
4.40	Expanding Materials	N/A
4.41	Toy Chests	N/A
5	Labeling Requirements	
5.2	Age Grading Labeling	PASS
5.3	Safety Labeling Requirements	PASS
5.11	Small Objects, Small Balls, Marbles, and Balloons	PASS
6	Instructional Literature	
6.1	Definition and Description	PASS
7	Producer's Markings	
7.1	Either a principal component of a toy or the package of toy shall be marked with the name and address of the producer or the distributor	PASS

Note: N/A= Not Applicable, N/R=Not Requirement.

## 1.2 Flammability Test

Refer to: ASTM F963-17 Section 4.2

Test method: As per section 4.2 of the ASTM standard Consumer Safety Specification For Toy Safety F963-17, the sample was tested according to Annex A5 flammability testing procedure for solids and soft toys.

### Test result

Ignition Point	Burn length(inch)	Time(sec)	Burn Rate(inch/sec)	Limit(inch/sec)	Test result
End	/	/	DNI	≤ 0.1	PASS

Note: DNI = Did Not Ignite;

## 1.3 Heavy metals test

Refer to: ASTM F963-17 Section 4.3.5.1&4.3.5.2

Test method: ASTM F963-17 Section 8.3

Instrument: Inductively Coupled Plasma Optical Emission Spectrometry(ICP-OES)

Shanghai Lelangtek Testing Technology Co., Ltd.

Address:2<sup>nd</sup> Floor, Building No.4, Lane 158, Jinfeng Rd., Pudong, Shanghai, China(201201)

Tel: (086) 021-58380071 Fax: (086)0 21-58380083

# TEST REPORT

Approved Date: Sep.25,2019

Report No. AL0219092003EN

Page 5 / 12

## 1.3.1 Paint and Similar Surface-Coating Materials

### Total lead test

Component No.	Total Lead(T-Pb)
A1+B1+C1	ND
E1+D1+F1	ND
G1+H1+I1	ND
J1+K1+L1	ND
M1	ND
<b>Limit(mg/kg)</b>	<b>≤90</b>

### Soluble element test

Component No.	Soluble Lead (s-Pb)	Soluble Cadmium (s-Cd)	Soluble Mercury (s-Hg)	Soluble Chromium (s-Cr)	Soluble Arsenic (s-As)	Soluble Selenium (s-Se)	Soluble Barium (s-Ba)	Soluble Antimony (s-Sb)
A1	ND	ND	ND	ND	ND	ND	ND	ND
B1	ND	ND	ND	ND	ND	ND	ND	ND
C1	ND	ND	ND	ND	ND	ND	ND	ND
D1	ND	ND	ND	ND	ND	ND	ND	ND
E1	ND	ND	ND	ND	ND	ND	ND	ND
F1	ND	ND	ND	ND	ND	ND	ND	ND
G1	ND	ND	ND	ND	ND	ND	ND	ND
H1	ND	ND	ND	ND	ND	ND	ND	ND
I1	ND	ND	ND	ND	ND	ND	ND	ND
J1	ND	ND	ND	ND	ND	ND	ND	ND
K1	ND	ND	ND	ND	ND	ND	ND	ND
L1	ND	ND	ND	ND	ND	ND	ND	ND
M1	ND	ND	ND	ND	ND	ND	ND	ND
<b>Limit(mg/kg)</b>	<b>≤90</b>	<b>≤75</b>	<b>≤60</b>	<b>≤60</b>	<b>≤25</b>	<b>≤500</b>	<b>≤1000</b>	<b>≤60</b>

## 1.3.2 Toy Substrate Materials

### Total lead test

Component No.	Total Lead(T-Pb)
A2+B2+C2	ND
A3+B3+C3	ND
A4+B4+C4	ND

Shanghai Lelangtek Testing Technology Co., Ltd.

Address: 2<sup>nd</sup> Floor, Building No.4, Lane 158, Jinfeng Rd., Pudong, Shanghai, China(201201)

Tel: (086) 021-58380071 Fax: (086) 0 21-58380083

# TEST REPORT

Approved Date: Sep.25,2019

Report No. AL0219092003EN

Page 6 / 12

Component No.	Total Lead(T-Pb)
A5+B5	ND
A6+B6+C6	ND
A7+B7+C7	ND
D2	ND
D3	ND
D4	ND
D5	ND
D6	ND
E7+D7+F7	ND
E8	ND
E9	ND
G2+I2	ND
G3	ND
G4	ND
G5	ND
G6+H6+I6	ND
G7	ND
G8	ND
K2+L2	ND
K3	ND
K4+J4	ND
M2	ND
M3	ND
<b>Limit(mg/kg)</b>	<b>≤100</b>

## Soluble element test

Component No.	Soluble Lead (s-Pb)	Soluble Cadmium (s-Cd)	Soluble Mercury (s-Hg)	Soluble Chromium (s-Cr)	Soluble Arsenic (s-As)	Soluble Selenium (s-Se)	Soluble Barium (s-Ba)	Soluble Antimony (s-Sb)
A2	ND	ND	ND	ND	ND	ND	ND	ND
B2	ND	ND	ND	ND	ND	ND	ND	ND
C2	ND	ND	ND	ND	ND	ND	ND	ND
A3	ND	ND	ND	ND	ND	ND	ND	ND
B3	ND	ND	ND	ND	ND	ND	ND	ND

Shanghai Lelangtek Testing Technology Co., Ltd.

Address: 2<sup>nd</sup> Floor, Building No.4, Lane 158, Jinfeng Rd., Pudong, Shanghai, China(201201)

Tel: (086) 021-58380071 Fax: (086) 0 21-58380083

## TEST REPORT

Approved Date: Sep.25,2019

Report No. AL0219092003EN

Page 7 / 12

Component No.	Soluble	Soluble	Soluble	Soluble	Soluble	Soluble	Soluble	Soluble
	Lead (s-Pb)	Cadmium (s-Cd)	Mercury (s-Hg)	Chromium (s-Cr)	Arsenic (s-As)	Selenium (s-Se)	Barium (s-Ba)	Antimony (s-Sb)
C3	ND	ND	ND	ND	ND	ND	ND	ND
A4	ND	ND	ND	ND	ND	ND	ND	ND
B4	ND	ND	ND	ND	ND	ND	ND	ND
C4	ND	ND	ND	ND	ND	ND	ND	ND
A5	ND	ND	ND	ND	ND	ND	ND	ND
B5	ND	ND	ND	ND	ND	ND	ND	ND
A6	ND	ND	ND	ND	ND	ND	ND	ND
B6	ND	ND	ND	ND	ND	ND	ND	ND
C6	ND	ND	ND	ND	ND	ND	ND	ND
A7	ND	ND	ND	ND	ND	ND	ND	ND
B7	ND	ND	ND	ND	ND	ND	ND	ND
C7	ND	ND	ND	ND	ND	ND	ND	ND
D2	ND	ND	ND	ND	ND	ND	ND	ND
D3	ND	ND	ND	ND	ND	ND	ND	ND
D4	ND	ND	ND	ND	ND	ND	ND	ND
D5	ND	ND	ND	ND	ND	ND	ND	ND
D6	ND	ND	ND	ND	ND	ND	ND	ND
E7	ND	ND	ND	ND	ND	ND	ND	ND
D7	ND	ND	ND	ND	ND	ND	ND	ND
F7	ND	ND	ND	ND	ND	ND	ND	ND
E8	ND	ND	ND	ND	ND	ND	ND	ND
E9	ND	ND	ND	ND	ND	ND	ND	ND
G2	ND	ND	ND	ND	ND	ND	ND	ND
I2	ND	ND	ND	ND	ND	ND	ND	ND
G3	ND	ND	ND	ND	ND	ND	ND	ND
G4	ND	ND	ND	ND	ND	ND	ND	ND
G5	ND	ND	ND	ND	ND	ND	ND	ND
G6	ND	ND	ND	ND	ND	ND	ND	ND
H6	ND	ND	ND	ND	ND	ND	ND	ND
I6	ND	ND	ND	ND	ND	ND	ND	ND
G8	ND	ND	ND	ND	ND	ND	ND	ND
K2	ND	ND	ND	ND	ND	ND	ND	ND

# TEST REPORT

Approved Date: Sep.25,2019

Report No. AL0219092003EN

Page 8 / 12

Component No.	Soluble Lead (s-Pb)	Soluble Cadmium (s-Cd)	Soluble Mercury (s-Hg)	Soluble Chromium (s-Cr)	Soluble Arsenic (s-As)	Soluble Selenium (s-Se)	Soluble Barium (s-Ba)	Soluble Antimony (s-Sb)
L2	ND	ND	ND	ND	ND	ND	ND	ND
K3	ND	ND	ND	ND	ND	ND	ND	ND
J4	ND	ND	ND	ND	ND	ND	ND	ND
K4	ND	ND	ND	ND	ND	ND	ND	ND
M2	ND	ND	ND	ND	ND	ND	ND	ND
M3	ND	ND	ND	ND	ND	ND	ND	ND
<b>Limit (mg/kg)</b>	<b>≤90</b>	<b>≤75</b>	<b>≤60</b>	<b>≤60</b>	<b>≤25</b>	<b>≤500</b>	<b>≤1000</b>	<b>≤60</b>

## Note

- (1) According to this standard, materials such as glass, metal, ceramic are exempted if they are not small parts.
- (2) MDL: total lead---10mg/kg soluble element---5mg/kg
- (3) According to ASTM F 963-17, in the case where there is between 10mg and 100 mg of uniform material the mass of the test portion shall be reported in the test report and the quantity of the appropriate elements shall be calculated and reported as if 100 mg of the test portion had been used.

## 2 The Consumer Product Safety Improvement Act(CPSIA,H.R.2715)

### 2.1 Total Lead test

Refer to: CPSIA Sec. 101(a), (f)

Test method: ASTM F963-17 Section 8.3

Instrument: Inductively Coupled Plasma Optical Emission Spectrometry(ICP-OES)

#### 2.1.1 Total lead content in paint and surface coating

Component No.	Total Lead(T-Pb)
A1+B1+C1	ND
E1+D1+F1	ND
G1+H1+I1	ND
J1+K1+L1	ND
M1	ND
<b>Limit(mg/kg)</b>	<b>≤90</b>

Note Total lead in 2.1.1, shared data with section 1.3.1 of this report.

Shanghai Lelangtek Testing Technology Co., Ltd.

Address:2<sup>nd</sup> Floor, Building No.4, Lane 158, Jinfeng Rd., Pudong, Shanghai, China(201201)

Tel: (086) 021-58380071 Fax: (086)0 21-58380083



# TEST REPORT

Approved Date: Sep.25,2019

Report No. AL0219092003EN

Page 9 / 12

## 2.1.2 Total lead content in substrate

Component No.	Total Lead(T-Pb)
A2+B2+C2	ND
A3+B3+C3	ND
A4+B4+C4	ND
A5+B5	ND
A6+B6+C6	ND
A7+B7+C7	ND
D2	ND
D3	ND
D4	ND
D5	ND
D6	ND
E7+D7+F7	ND
E8	ND
E9	ND
G2+I2	ND
G3	ND
G4	ND
G5	ND
G6+H6+I6	ND
G7	ND
G8	ND
K2+L2	ND
K3	ND
K4+J4	ND
M2	ND
M3	ND
<b>Limit(mg/kg)</b>	<b>≤100</b>

Note Total lead in 2.1.2, shared data with section 1.3.2 of this report.

## 2.2 Phthalates content

Refer to: CPSIA Sec. 108

Test method: CPSC-CH-C1001-09.4

Instrument: Gas Chromatography-Mass Spectrometer(GC-MS)

Shanghai Lelangtek Testing Technology Co., Ltd.

Address:2<sup>nd</sup> Floor, Building No.4, Lane 158, Jinfeng Rd., Pudong, Shanghai, China(201201)

Tel: (086) 021-58380071 Fax: (086)0 21-58380083

## TEST REPORT

Approved Date: Sep.25,2019

Report No. AL0219092003EN

Page 10 / 12

Component No.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
	DEHP	DBP	BBP	DIBP	DPENP	DHEXP	DCHP	DINP
A1+B1+C1	ND	ND	ND	ND	ND	ND	ND	ND
A2+B2+C2	ND	ND	ND	ND	ND	ND	ND	ND
A3+B3+C3	ND	ND	ND	ND	ND	ND	ND	ND
A4+B4+C4	ND	ND	ND	ND	ND	ND	ND	ND
A5+B5	ND	ND	ND	ND	ND	ND	ND	ND
A6+B6+C6	ND	ND	ND	ND	ND	ND	ND	ND
A7+B7+C7	ND	ND	ND	ND	ND	ND	ND	ND
E1+D1+F1	ND	ND	ND	ND	ND	ND	ND	ND
D2	ND	ND	ND	ND	ND	ND	ND	ND
D3	ND	ND	ND	ND	ND	ND	ND	ND
D4	ND	ND	ND	ND	ND	ND	ND	ND
D5	ND	ND	ND	ND	ND	ND	ND	ND
D6	ND	ND	ND	ND	ND	ND	ND	ND
E7+D7+F7	ND	ND	ND	ND	ND	ND	ND	ND
E8	ND	ND	ND	ND	ND	ND	ND	ND
E9	ND	ND	ND	ND	ND	ND	ND	ND
G1+H1+I1	ND	ND	ND	ND	ND	ND	ND	ND
G2+I2	ND	ND	ND	ND	ND	ND	ND	ND
G3	ND	ND	ND	ND	ND	ND	ND	ND
G4	ND	ND	ND	ND	ND	ND	ND	ND
G5	ND	ND	ND	ND	ND	ND	ND	ND
G6+H6+I6	ND	ND	ND	ND	ND	ND	ND	ND
G8	ND	ND	ND	ND	ND	ND	ND	ND
J1+K1+L1	ND	ND	ND	ND	ND	ND	ND	ND
K2+L2	ND	ND	ND	ND	ND	ND	ND	ND
K3	ND	ND	ND	ND	ND	ND	ND	ND
K4+J4	ND	ND	ND	ND	ND	ND	ND	ND
M2	ND	ND	ND	ND	ND	ND	ND	ND
M3	ND	ND	ND	ND	ND	ND	ND	ND
<b>Limit(%)</b>	<b>≤0.1</b>	<b>≤0.1</b>	<b>≤0.1</b>	<b>≤0.1</b>	<b>≤0.1</b>	<b>≤0.1</b>	<b>≤0.1</b>	<b>≤0.1</b>

## Note

- (1) DEHP 1) Bis(2-ethylhexyl) Phthalate CAS No.# 117-81-7  
 DBP 2) Dibutyl Phthalate CAS No.# 84-74-2

Shanghai Lelangtek Testing Technology Co., Ltd.

Address: 2<sup>nd</sup> Floor, Building No.4, Lane 158, Jinfeng Rd., Pudong, Shanghai, China(201201)

Tel: (086) 021-58380071 Fax: (086) 0 21-58380083



# TEST REPORT

Approved Date: Sep.25,2019

Page 12 / 12

Report No. AL0219092003EN

D4	Green core	E4	/	F4	/
D5	Black foam sleeve	E5	/	F5	/
D6	Green pipe	E6	/	F6	/
D7	Green handle	E7	Yellow plastic Count table	F7	Green plastic Count table
D8	/	E8	Gray plastic button	F8	/
D9	/	E9	Transparent rubber handle	F9	/
<b>G</b>	<b>MFF-FOXY</b>	<b>H</b>	<b>Red</b>	<b>I</b>	<b>MFF-PANDA</b>
G1	Mutilcolor coating(Fox)	H1	Mutilcolor coating	I1	Mutilcolor coating(Panda)
G2	Yellow body/hand/core	H2	/	I2	Black body/handle/tube
G3	White core	H3	/	I3	/
G4	White pipe	H4	/	I4	/
G5	White handle	H5	/	I5	/
G6	Fox head	H6	Red plastic with plastic sticker	I6	Panda head
G7	Silver metal on handle	H7	/	I7	/
G8	Blue foam sleeve	H8	/	I8	/
<b>J</b>	<b>Pink</b>	<b>K</b>	<b>Dark blue</b>	<b>L</b>	<b>Blue</b>
J1	Mutilcolor coating	K1	Mutilcolor coating	L1	Mutilcolor coating(Panda)
J2	/	K2	Dark blue body	L2	Black body/handle/tube
J3	/	K3	Dark blue foam sleeve	L3	/
J4	Beige plastic connector	K4	Blue plastic with plastic sticker	L4	/
<b>M*</b>	<b>Pink</b>				
M1	Mutilcolor coating				
M2	Pink handle/foam sleeve				
M3	Rose rubber				

Note: \*=The test results of this report for Sample A, B, C, D, E, F, G, H, I, J, K and L are presented with reference to the results that reported in AL0219080203EN.

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

- (1) This report is not affixed to the special seal invalid.
- (2) This report shall not be modified, increased, deleted, copied or intercepted, without the approval of Lelangtek.
- (3) The results shown in this report refer only to the lab received sample(s) .
- (4) This report is only for client's research, teaching, internal quality management, product development, etc. The test results are for reference only.
- (5) If you have any question or concern to this report, please contact us within 10 days, or it will not be accepted out of the time.