



Client: Think Fun Inc. REPORT NO: C80021502

Address: 1321 Cameron St, Alexandria Virginia USA 22314 DATE: February 12, 2015

Attn: Kirsten Bloxom

Sample Description: Maker Studio: Winches Set

Quantity Submitted: 1 piece Style No.: 1702

PO No.: Not provided

Labeled Age Grading: AGES 7 TO ADULT

Test Age Grading: Ages 7+

Destination: USA, Europe, Canada

Country of Origin: China

Date(s) of samples received: January 7, 2015

**TEST METHOD & RESULTS:** Please refer to next page(s)

CONCLUSION: Please refer to page two(2)

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REPORT NO: Client: Think Fun Inc. C80021502 1321 Cameron St, Alexandria Virginia USA 22314 Address: DATE: February 12, 2015 ASTM F963-11 Physical & Mechanical Requirements **PASS** 16 CFR 1500 Physical & Mechanical Requirements **PASS** Canada Toys Regulations SOR/2011-17 Physical and Mechanical Requirements **PASS** EN 71-1:2014 Mechanical & Physical Properties **PASS** ASTM F963-11 Flammability Requirements PASS 16 CFR 1500.3 (c)(6) (vi) / 16 CFR 1500.44 Flammability Requirements **PASS** Canada Toys Regulations SOR/2011-17 Flammability Requirements **PASS** (Cellulose Nitrate and Celluloid) EN 71-2:2011+A1:2014 Flammability **PASS PASS** ASTM F963-11 Clause 4.3.5.1 (2) Elements Migration in surface coating NOT APPLICABLE# ASTM F963-11 Clause 4.3.5.2 (2) (b) Elements Migration in substrate Canada Toys Regulations SOR/2011-17 Heavy Metal Content Requirements **PASS** EN71-3: 2013+A1:2014 Migration of certain elements **PASS** ASTM F963-11 Clause 4.3.5.1 (1) Total Lead in Surface Coating **PASS** 16 CFR 1303 Total Lead Content Requirements **PASS** Consumer Product Safety Improvement Act of 2008 Total Lead Content Requirement **PASS** [Paint or Surface Coating] ASTM F963-11 Clause 4.3.5.2 (2) (a) Total Lead in Substrate **PASS** Consumer Product Safety Improvement Act of 2008 Total Lead Content Requirement **PASS** [Substrate Materials] Total Lead Content Test in Non-PVC accessible component per California Proposition 65 PASS NOT APPLICABLE# Canada Consumer Products Containing Lead (Contact mouth) regulation ASTM F963-11 Clause 4.3.5.2 (2) (c) Soluble Cadmium in metallic small part NOT APPLICABLE# Total Cadmium Content and European Reach Regulation Annex XVII **PASS** Consumer Product Safety Improvement Act of 2008 Total Phthalate Requirement **PASS** Total Phthalate and European Reach Regulation Annex XVII **PASS** Phthalates Content With Reference To California Proposition 65 Requirement **PASS** Canada Phthalates Regulation SOR/2010-298 Phthalates Content Requirements NOT APPLICABLE# NERC (Formerly Organization: CSG) Model Legislation – Toxics in Packaging **PASS** Clearinghouse (TPCH), as revised December 1998 & October 2004 94/62/EC Heavy Metals Requirements on Packaging and Packaging Waste **PASS** 

#: There is no component on the submitted test samples under the testing scopes.

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Client: Think Fun Inc. REPORT NO: C80021502

Address: 1321 Cameron St, Alexandria Virginia USA 22314 DATE: February 12, 2015

For and on behalf of:

UL VS Shanghai Limited Shenzhen Branch

Benson Ye

Technical Manager -Toys Department Ms. Carol Ke

Laboratory manager-Chemical Department

an l be

**Important Notes:** 

The results only relate to the samples tested.

### The below tests are except from the ILAC-MRA/CNAS accreditation scope:

- 1. EN 71-1:2014 Mechanical & Physical Properties
- 2. EN 71-2:2011+A1:2014 Flammability
- 3. EN71-3: 2013+A1:2014 Migration of certain elements
- 4. Total Lead Content Test in Non-PVC accessible component per California Proposition 65
- 5. Total Phthalate Test According to California Proposition 65
- NERC (Formerly Organization: CSG) Model Legislation Toxics in Packaging Clearinghouse (TPCH), as revised December 1998 & October 2004
- 7. 94/62/EC Heavy Metals Requirements on Packaging and Packaging Waste

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Address: 1321 Cameron St, Alexandria Virginia USA 22314 DATE: February 12, 2015

### **TEST RESULTS**

#### 1. MECHANICAL AND PHYSICAL TEST

### 1.1 AS PER ASTM STANDARD CONSUMER SAFETY SPECFICATION FOR TOYS SAFETY F963-11

The following clauses are identified to be applicable:

Age grading for testing : Ages 7+

Samples Quantity : 1 piece  $\times 1$  style

1 piece  $\times 1$  style – Clause 4.12 [2<sup>nd</sup> submitted sample]

<u>Clause</u>	<u>Test Items</u>	<u>Assessment</u>
4.1	Material(visual check on cleanness)	P
4.7	Accessible Edges	P
4.9	Accessible Points	P
4.12	Plastic film	P
5	Safety Labeling Requirements	P
6	Instructional Literature	P
7	Producer's Markings	P
	-	
_		

Remark: P=Pass

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### **TEST RESULTS**

1.2 AS PER 16 CFR 1500.50, THE HAZARDS OF SHARP POINTS, SHARP EDGE AND SMALL PARTS ARE ASSESSED BOTH BEFORE AND AFTER APPLICABLE USE AND ABUSE TESTS:

The following clauses are identified to be applicable:

Age grading for testing: Ages 7+

Samples Quantity: 1 piece ×1 style

	TEST ITEMS	SHARP POINT	SHARP EDGE
		(1500.48)	(1500.49)
	As received	P	P
1500.53	Torque Test	P	P
1500.53	Tension Test	P	P

REMARK: P = PASS

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### **TEST RESULTS**

Remark:

### 1.3 AS PER CANADA TOYS REGULATIONS, SOR/2011-17

The following clauses are identified to be applicable:

Age grading for testing : Ages 7+

P = Pass

Samples Quantity : 1 piece  $\times 1$  style

<u>(A)</u>	<u>Test Items</u>	<u>Assessment</u>
4	Packaging	P
	Mechanical Hazard	
9	Ends	P
10	Exposed Plastic Parts	P
	_	

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#### **TEST RESULTS**

1.4 PHYSICAL AND MECHANICAL TESTS OF THE MOST STRINGENT REQUIREMENTS OF THE FOLLOWING STANDARDS:

AS PER EUROPEAN STANDARDS ON SAFETY OF TOYS EN 71-1:2014

Applicant Specified Age Grading for testing: Ages 7+

Sample size: 1 piece  $\times 1$  style

1 piece ×1 style – Clause 6 [2<sup>nd</sup> submitted sample]

<u>Clause</u>	<u>Test Items</u>	Assessment
4.1	Material cleanliness	Pass
4.2	Assembly	Pass
4.7	Edges	Pass
4.8	Points and metallic wires	Pass
6	Packaging	Pass
7	Warning, markings and instructions for use	Pass
7.1	General	Pass

#### Remarks:

\*: Address of manufacturer or his authorized representatives or importer should be located in EU community.

Warnings and safety instructions shall be written in the languages easily understood by consumers of the country in which the toy is to be sold. Only English version was reviewed.

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#### **TEST RESULTS**

#### 2. FLAMMABILITY TEST

#### 2.1 AS PER ASTM STANDARD ON SAFETY OF TOYS F963-11 ANNEX A5:

Samples Quantity: 1 piece ×1 style

Requirement: Burning rate should not exceed 0.1 inch per second along the major axis.

Results: The burn rate of sample was less than 0.1 inch per second.

# 2.2 AS PER U.S. CODE OF FEDERAL REGULATIONS TITLE 16 PART 1500.44 FOR RIGID AND PLIABLE SOLIDS defined under 16 CFR 1500.3 section (c) (6) (vi):

Samples Quantity: 1 piece ×1 style

Requirement: Burning rate should not exceed 0.1 inch per second along the major axis.

Results: The burn rate of sample was less than 0.1 inch per second.

# 2.3 AS PER CANADA TOYS REGULATIONS SOR/2011-17 SECTION 21 (CELLULOSE NITRATE AND CELLULOID)

Requirement: Celluloid (cellulose nitrate) and materials with the same behaviour in fire

(except when used in varnish or paint) shall not be used in the manufacture of toys.

Results: The submitted sample(s) complied with this requirement.

# 2.4 AS PER EUROPEAN STANDARD ON SAFETY OF TOYS EN 71-2:2011 + A1:2014 SECTION 4.1 GENERAL REQUIREMENT (CELLULOSE NITRATE):

Requirement: Celluloid (cellulose nitrate), except when used in varnish, paint or glue, or in balls of

the type used for table tennis or similar games, and materials with the same behaviour

in fire as celluloid, shall not be used in the manufacture of toys.

Results: The submitted sample(s) complied with this requirement.

Date(s) of test(s) conducted: January 27, 2015 to January 29, 2015

February 4, 2015 to February 4, 2015 [2<sup>nd</sup> submitted sample]

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#### **TEST RESULTS**

#### 3. CHEMICAL TESTS:

### Key to sample(s):

Sample 1 = White paper label with multicolor coatings (sticker on box)

Sample 2 = Black soft plastic (hub caps)

Sample 3 = Black plastic (hole punch & hooked pulley & hook)

Sample 4 = Dark beige plastic (rods & connector plates & wheels & gears)

Sample 5 = Multicolor coatings on paper sheet (instruction sheet)

Sample 6 = Multicolor coatings on paper card (cards)

Sample 7 = White paper sheet with multicolor coatings (instructions)

Sample 8 = White paper card with multicolor coatings (cards)

Sample 9 = White paper sheet excluding coatings (instruction sheet)
Sample 10 = White paper card excluding multicolor coatings (cards)

Sample 11 = Silvery metal (staple of instructions)

Sample 12 = White fabric string

Sample 13 = Matt-black plastic (hook of card) Sample 14 = Brown paper board (clapboard)

Sample 15 = Transparent plastic film (protective film of card)
Sample 16 = Transparent plastic with black coating (zip bag)

Sample 17 = Transparent plastic (cover of gear)

Sample 18 = Transparent plastic adhesive tape (joint on box)
Sample 19 = Light brown paper card with multicolor printing (box)

Sample 20 = Transparent plastic with glue (window of box)

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Address: 1321 Cameron St, Alexandria Virginia USA 22314 DATE: February 12, 2015

### **TEST RESULTS**

### 3.1 SOLUBLE ELEMENT MIGRATION IN SURFACE COATING

Requirement: As per ASTM F963-11 Clause 4.3.5.1 (2) requirement, materials under test shall not exceed

below limit.

Test method: Reference to ASTM F963-11 Clause 8.3, used acid extraction and analyzed by Inductively

Coupled Argon Plasma Spectrometry.

Results:

Elements	Antimony	Arsenic	Barium	Cadmium	Chromium	Lead	Mercury	Selenium
Limits	< 60	< 25	< 1000	< 75	< 60	< 90	< 60	< 500
Sample 5	< 6.0	< 2.5	6.0	< 6.0	< 6.0	< 6.0	< 6.0	< 6.0
Sample 6	< 6.0	< 2.5	< 6.0	< 6.0	< 6.0	< 6.0	< 6.0	< 6.0

#### Remark:

1. All concentrations expressed in milligrams per kilogram

2. "<" means "less than"

### 3.2 HEAVY METAL CONTENT TEST :CANADA TOYS REGULATION SOR/2011-17

Requirement : Surface coating applied to Toys shall comply with heavy metal requirement as

below table.

Results:

	Total	Total	Soluble	Soluble	Soluble	Soluble	Soluble
Elements	Lead	Mercury	Antimony	Arsenic	Barium	Cadmium	Selenium
Limits	< 90	None	< 1000	< 1000	< 1000	< 1000	< 1000
Sample 5	<10.0	**N/D	< 50.0	< 50.0	< 50.0	< 50.0	< 50.0
Sample 6	<10.0	**N/D	< 50.0	< 50.0	< 50.0	< 50.0	< 50.0

All concentrations expressed in milligrams per kilogram

"<" means "less than"

"N/D" means "None Detected"

\*\*Detection Limit is 10.0 milligrams per kilogram.

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#### **TEST RESULTS**

Dogulto.

### 3.3 ELEMENTS MIGRATION WITH REFERENCE TO 2009/48/EC AND ITS AMENDMENT

Test Method: EN71-3: 2013+A1:2014 migration of certain elements

Results:						
Elements <sup>1</sup>	<u>Limits</u>	Sample 2	Sample 3	Sample 4	Sample 7	Sample 8
	(Scraped off material)	-	-	-		
Antimony	560	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Arsenic	47	< 2.5	< 2.5	< 2.5	< 2.5	3.0
Barium	18750	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Cadmium	17	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Chromium III <sup>2</sup>	460	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Chromium VI <sup>2</sup>	0.2	$< 0.2^{\Delta}$				
Lead	160	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Mercury	94	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Selenium	460	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Aluminum	70,000	< 50	< 50	< 50	< 50	< 50
Boron	15,000	< 50	< 50	< 50	< 50	< 50
Cobalt	130	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Copper	7700	< 50	< 50	< 50	< 50	< 50
Manganese	15,000	< 5.0	< 5.0	< 5.0	10.0	7.5
Nickel	930	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Strontium	56,000	< 5.0	< 5.0	< 5.0	39.5	35.0
Tin	180,000	<4.0	<4.0	<4.0	<4.0	<4.0
Organic Tin <sup>3</sup>	12					
(Expressed as						
TBT)						
Zinc	46,000	< 50	< 50	< 50	< 50	< 50

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#### **TEST RESULTS**

Results:			
Elements <sup>1</sup>	<u>Limits</u>	Sample 12	Sample 13
	(Scraped off material)	[2 <sup>nd</sup> submitted sample]	-
Antimony	560	< 5.0	< 5.0
Arsenic	47	<2.5	< 2.5
Barium	18750	< 5.0	< 5.0
Cadmium	17	< 5.0	< 5.0
Chromium III <sup>2</sup>	460	< 0.2	< 0.2
Chromium VI <sup>2</sup>	0.2	$< 0.2^{\Delta}$	$< 0.2^{\Delta}$
Lead	160	< 5.0	< 5.0
Mercury	94	< 5.0	< 5.0
Selenium	460	< 5.0	< 5.0
Aluminum	70,000	< 50	< 50
Boron	15,000	< 50	< 50
Cobalt	130	< 5.0	< 5.0
Copper	7700	< 50	< 50
Manganese	15,000	< 5.0	< 5.0
Nickel	930	< 5.0	< 5.0
Strontium	56,000	< 5.0	< 5.0
Tin	180,000	<4.0	<4.0
Organic Tin <sup>3</sup>	12		
(Expressed as			
TBT)			
Zinc	46,000	< 50	< 50

All concentrations expressed in milligrams per kilogram "<" means "less than"

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Client: Think Fun Inc. REPORT NO: C80021502

Address: 1321 Cameron St, Alexandria Virginia USA 22314 DATE: February 12, 2015

#### **TEST RESULTS**

#### **REMARK:**

- 1. Heavy Metals Content are Determined by ICP-MS (Induced Couple Plasma Mass Spectrometry) / ICP-OES (Induced Couple Plasma Optical Emission Spectroscopy)
- 2. If the chromium content of the tested sample does not exceed the limits of chromium III and/or chromium VI, it is deemed to comply on the respective migration requirements of chromium III and/or chromium VI under EN71-3. Otherwise, the compliance on the migration requirements of the individual chromium III and/or chromium VI should be confirmed by further speciation techniques. #: The chromium VI content is determined by LC-ICP-MS
- 3. If the Organic Tin content of the tested sample projected by the tin content does not exceed the limit of organotin, it is deemed to comply on the respective migration requirement of Organic Tin under EN71-3 and market with "--". Otherwise, the compliance on the migration requirement of Organic Tin is confirmed by GCMS analysis with derivatisation
- 4.  $\Delta$ : Chromium VI data is based on total Chromium

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Client: Think Fun Inc. REPORT NO: C80021502

Address: 1321 Cameron St, Alexandria Virginia USA 22314 DATE: February 12, 2015

#### **TEST RESULTS**

#### 3.4 TOTAL LEAD CONTENT TEST: COATING

Requirement: As per ASTM F963-11 Clause 4.3.5.1 (1) requirement, lead content in the materials under

test shall not exceed of 90ppm.

Test method: CPSC-CH-E1003-09.1 Standard operating procedure for determining Lead (Pb) in paint

Results:

Sample 5 Sample 6

Total Lead <10.0 <10.0

All concentrations expressed in milligrams per kilogram

"<" means "less than"

### 3.5 TOTAL LEAD CONTENT TEST: COATING

Criteria: The submitted samples must meet the Total Lead Limit of 90ppm as stated in 16 CFR

1303

Test method: CPSC-CH-E1003-09.1 Standard operating procedure for determining Lead (Pb) in paint

Results:

Sample 5 Sample 6

Total Lead <10.0 <10.0

All concentrations expressed in milligrams per kilogram "<" means "less than"

### 3.6 TOTAL LEAD CONTENT TEST: COATING

Requirement: The submitted samples must meet the Total Lead Limit of 90ppm as per Consumer Product

Safety Improvement Act of 2008

Test method: CPSC-CH-E1003-09.1 Standard operating procedure for determining Lead (Pb) in paint

Results:

Sample 5 Sample 6

Total Lead <10.0 <10.0

All concentrations expressed in milligrams per kilogram

"<" means "less than"

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Client: Think Fun Inc. REPORT NO: C80021502

Address: 1321 Cameron St, Alexandria Virginia USA 22314 DATE: February 12, 2015

### **TEST RESULTS**

#### 3.7 TOTAL LEAD CONTENT TEST: SUBSTRATE

Requirement: As per ASTM F963-11 Clause 4.3.5.2 (2) (a) requirement, lead content in the materials

under test shall not exceed of 100ppm.

Test method: CPSC-CH-E1001-8.3 Standard operating procedure for determining total Lead (Pb) in

metal;

CPSC-CH-E1002-8.3 Standard operating procedure for determining total Lead (Pb) in

non-metal

Results:

<u>Sample 2/3/4</u> <u>Sample 11</u> <u>Sample 13</u>

Total Lead <10.0 <10.0 <10.0

All concentrations expressed in milligrams per kilogram "<" means "less than"

### 3.8 TOTAL LEAD CONTENT TEST: SUBSTRATE

Requirement: The submitted samples must meet the Total Lead Limit of 100ppm as per Consumer

Product Safety Improvement Act of 2008

Test method: CPSC-CH-E1001-8.3 Standard operating procedure for determining total Lead (Pb) in

metal children's product (including children's metal jewelry);

CPSC-CH-E1002-8.3 Standard operating procedure for determining total Lead (Pb) in

non-metal children's products.

Results:

<u>Sample 2/3/4</u> <u>Sample 11</u> <u>Sample 13</u> Total Lead <10.0 <10.0 <10.0

All concentrations expressed in milligrams per kilogram "<" means "less than"

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Client: Think Fun Inc. REPORT NO: C80021502

Address: 1321 Cameron St, Alexandria Virginia USA 22314 DATE: February 12, 2015

#### **TEST RESULTS**

#### 3.9 TOTAL LEAD CONTENT IN NON-PVC ACCESSIBLE COMPONENT TEST: COATING

Criteria: The total lead content shall not be more than 600ppm in Non-PVC accessible components

as per California Proposition 65

Test method: CPSC-CH-E1003-09.1 Standard operating procedure for determining Lead (Pb) in paint

Results:

All concentrations expressed in milligrams per kilogram "<" means "less than"

### TOTAL LEAD CONTENT IN NON-PVC ACCESSIBLE COMPONENT TEST: SUBSTRATE

Criteria: The total lead content shall not be more than 600ppm in Non-PVC accessible components

as per California Proposition 65

Test method: CPSC-CH-E1001-8.3 Standard operating procedure for determining total Lead (Pb) in

metal children's product (including children's metal jewelry);

CPSC-CH-E1002-8.3 Standard operating procedure for determining total Lead (Pb) in

non-metal children's products.

Results:

Sample 2/3/4 Sample 9/10 Sample 11 Sample 12 [2<sup>nd</sup> submitted sample]

Total Lead <10.0 <10.0 <10.0 <10.0

Sample 13

Total Lead <10.0

All concentrations expressed in milligrams per kilogram "<" means "less than"

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Client: Think Fun Inc. REPORT NO: C80021502

Address: 1321 Cameron St, Alexandria Virginia USA 22314 DATE: February 12, 2015

#### **TEST RESULTS**

# 3.10 TOTAL CADMIUM CONTENT AND EUROPEAN REACH REGULATION ANNEX XVII: WET-ASHING DIGESTION AND DETECTED WITH AAS/ICP

Results:

Element	Total Cadmium
Limit	< 100
Sample 2/3/4	< 5.0
Sample 5	< 5.0
Sample 6	< 5.0
Sample 13	< 5.0

All concentrations expressed in milligrams per kilogram "<" means "less than"

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Client: Think Fun Inc. REPORT NO: C80021502

Address: 1321 Cameron St, Alexandria Virginia USA 22314 DATE: February 12, 2015

#### **TEST RESULTS**

### 3.11 TOTAL PHTHALATE TEST

Requirement : DEHP, DBP or BBP content shall not be more than 0.1% by weight in toys and

childcare article.

DINP, DIDP or DNOP content shall not be more than 0.1% by weight in toys and

childcare article which can be placed in the mouth by children.

Test Method : CPSC-CH-C1001-09.3, Standard operating procedure for determination of

phthalates.

Results :

# Sample ID Plasticiser Values (w/w)

	DBP	BBP	DEHP	DNOP	DINP	DIDP
Sample 2	ND	ND	ND	ND	ND	ND
Sample 5	ND	ND	ND	ND	ND	ND
Sample 6	ND	ND	ND	ND	ND	ND

Remarks: 1) Detection Limit for each phthalate = 0.005%

2) ND= not detected

Key : DBP = Di-butyl phthalate DEHP = Di (2-Ethylhexyl) phthalate

BBP = Benzyl butyl phthalate DINP = Di-"isonomy" phthalate DIDP = Di-"isodecyl" phthalate DNOP = Di -n-octal phthalate

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Client: Think Fun Inc. REPORT NO: C80021502

Address: 1321 Cameron St, Alexandria Virginia USA 22314 DATE: February 12, 2015

#### **TEST RESULTS**

#### 3.12 TOTAL PHTHALATE TEST AND EUROPEAN REACH REGULATION ANNEX XVII

Test Method : EN 14372: 2004

Requirement : DEHP, DBP & BBP content shall not be more than 0.1% by weight in toys and

children article.

DINP, DIDP & DNOP content shall not be more than 0.1% by weight in toys and

children article that can be placed in the mouth by children.

Results :

Sample ID	Plasticiser Values (w/w)						
	DBP	BBP	DEHP	DNOP	DINP	DIDP	
Sample 2	ND	ND	ND	ND	ND	ND	
Sample 3/4	ND	ND	ND	ND	ND	ND	
Sample 5	ND	ND	ND	ND	ND	ND	
Sample 6	ND	ND	ND	ND	ND	ND	
Sample 13	ND	ND	ND	ND	ND	ND	

Remarks: 1) Detection Limit for each phthalate = 0.005%

2) ND= not detected

Key : DBP = Di-butyl phthalate DEHP = Di (2-Ethylhexyl) phthalate BBP = Benzyl butyl phthalate DINP = Di-"isonomy" phthalate DIOP = Di-"isodecyl" phthalate DNOP = Di -n-octal phthalate

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Client: Think Fun Inc. REPORT NO: C80021502

Address: 1321 Cameron St, Alexandria Virginia USA 22314 DATE: February 12, 2015

#### **TEST RESULTS**

#### 3.13 TOTAL PHTHALATE TEST WITH REFERENCE TO CALIFORNIA PROPOSITION 65

Test Method : CPSC-CH-C1001-09.3, Standard operating procedure for determination of

phthalates.

Requirement : Each of DEHP, DBP, BBP, DIDP, DnHP & DINP content shall not be more than

0.1% by weight.

Results :

Sample ID Plasticiser Values (w/w)

	DBP	BBP	DEHP	DnHP	DINP	DIDP
Sample 2	ND	ND	ND	ND	ND	ND
Sample 3/4	ND	ND	ND	ND	ND	ND
Sample 5	ND	ND	ND	ND	ND	ND
Sample 6	ND	ND	ND	ND	ND	ND
Sample 13	ND	ND	ND	ND	ND	ND

Remarks: 1) Detection Limit for each phthalate = 0.005%

2) ND= not detected

Key : DBP = Di-butyl phthalate DEHP = Di (2-Ethylhexyl) Phthalate

BBP = Benzyl butyl Phthalate DNHP = Di-n-hexyl phthalate
DIDP = Di-"isodecyl" phthalate DINP = Di-iso-nonyl phthalate

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Client: Think Fun Inc. REPORT NO: C80021502

Address: 1321 Cameron St, Alexandria Virginia USA 22314 DATE: February 12, 2015

#### **TEST RESULTS**

3.14 NERC (FORMERLY ORGANIZATION: CSG) MODEL LEGISLATION – TOXICS IN PACKAGING CLEARINGHOUSE (TPCH), AS REVISED DECEMBER 1998 & OCTOBER 2004 AND MICROWAVE DIGESTION AND DETECTED WITH AAS/ICP AND WET-ASHING DIGESTION AND DETECTED WITH AAS/ICP

#### Results:

		Hexavalent			Pb + Cd + Hg +
Elements	<b>Total Cadmium</b>	Chromium	Total Lead	Total Mercury	Cr(VI)
Limits					< 100
Sample 1	< 5.0	<10.0	<10.0	< 5.0	< 30.0
Sample 14	< 5.0	<10.0	<10.0	< 5.0	< 30.0
Sample 15	< 5.0	<10.0	<10.0	< 5.0	< 30.0
Sample 16	< 5.0	<10.0	<10.0	< 5.0	< 30.0
Sample 17	< 5.0	<10.0	<10.0	< 5.0	< 30.0
Sample 18	< 5.0	<10.0	<10.0	< 5.0	< 30.0
Sample 19	< 5.0	<10.0	<10.0	< 5.0	< 30.0
Sample 20	< 5.0	<10.0	<10.0	< 5.0	< 30.0

All concentrations expressed in milligrams per kilogram "<" means "less than"

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Client: Think Fun Inc. REPORT NO: C80021502

Address: 1321 Cameron St, Alexandria Virginia USA 22314 DATE: February 12, 2015

### **TEST RESULTS**

# 3.15 HEAVY METALS REQUIREMENTS ON PACKAGING AND PACKAGING WASTE: 94/62/EC & MICROWAVE DIGESTION AND DETECTED WITH AAS/ICP AND WET-ASHING DIGESTION AND DETECTED WITH AAS/ICP

#### Results:

		Hexavalent			Pb + Cd + Hg +
Elements	Total Cadmium	Chromium	Total Lead	Total Mercury	Cr(VI)
Limits					< 100
Sample 1	< 5.0	<10.0	<10.0	< 5.0	< 30.0
Sample 14	< 5.0	<10.0	<10.0	< 5.0	< 30.0
Sample 15	< 5.0	<10.0	<10.0	< 5.0	< 30.0
Sample 16	< 5.0	<10.0	<10.0	< 5.0	< 30.0
Sample 17	< 5.0	<10.0	<10.0	< 5.0	< 30.0
Sample 18	< 5.0	<10.0	<10.0	< 5.0	< 30.0
Sample 19	< 5.0	<10.0	<10.0	< 5.0	< 30.0
Sample 20	< 5.0	<10.0	<10.0	< 5.0	< 30.0

All concentrations expressed in milligrams per kilogram "<" means "less than"

Date(s) of test(s) conducted: January 27, 2015 to January 29, 2015

February 4, 2015 to February 5, 2015 [2<sup>nd</sup> submitted sample]

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Client: Think Fun Inc. REPORT NO: C80021502

Address: 1321 Cameron St, Alexandria Virginia USA 22314 DATE: February 12, 2015

### **Product Photo:**





\*\*\*\*\*\* THE END \*\*\*\*\*\*

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#### APPENDIX 1 - TERMS AND CONDITIONS OF SERVICE / 附件一:服务所依据的条款和条件

UL VS Shanghai Limited-Shenzhen Branch ("UL VS") undertakes to provide services to its Customer subject to the terms and conditions contained herein. 优力胜邦质量检测(上海)有限公司深圳分公司("乙方")承诺根据以下所列的条款向客户("甲方")提供服务。

The term of limitation of liability contained herein has been conspicuously marked to draw the attention of the Customer, the full and complete explanation of the wording and legal significance of this term have been made to the Customer by UL-VS The Customer agrees that this term shall be construed as a provision of the agreement between UL-VS and itself, based on the full and complete understanding of the wording and legal significance of this term.

2.万均本所得那条已经胜门可谓的协议已经提下可谓的协议已经是下户中方径。于且对法的行文经验的任务的代表的文字经验的特别记经是下户。

# COMPUTATION OF CHARGES AND PAYMENT 第一条 费用计算和付款

- 使用计算和转数
  (a) Consulting time shall be charged on a daily basis. 各面时间应当日万基础计变。
  (b) Where the personnel of UL VS are assigned by its Customer to any in-house projects, the Customer shall be billed on an hourly basis on the compensation rates of its personnel. 当乙方的人数美世开方指整任何的意识目,甲方应当以一时为基础技术多人员的展播费率进行计费。
  Disbursements incurred on the Customer's behalf such as expenditure for communications, transportation, travel, the purchase of any materials, tools, equipment, components or parts which are directly related to the service shall be billed at costs and shall handling charge at the discretion of UL VS.
  为甲方面产生的开支如与原金连维相关的通讯、交通、差絃、期买任何原料。工具、设备、零件或部件的费用,应当按成本向甲方计费,且应包含一笔由乙方决定的合理手续费。
- 1.3
- 1.4
- 为甲方盾产格的天鱼与服务直接相关的通讯、交通、差账、购买任何原料、工具、设备、零件监查符的费用、应当场政本有中方计费、且应包含一卷由乙方改定的合理手续费。
  Where in the opinion of UL VS the services are time consuming entailing the use of special equipment and disbursements, the Customer shall be charged on an "equipment-hour" basis on the time spent.
  当么万寿斯服务等指托大型时间,导致使用势被及备或支进时,对于各级标定费的"设备—为时"为基础权取费用。
  Payments shall be paid in RNB at its address or at such other address and in such manner as ULVS may from time to time specify. Payment made by post shall be at the risk of the Customer.
  付款应当在乙为标在地以人币币方式分付。或者根据乙方可以随时规定的共电地方或其他方式支付。以能夸方式做出的付款应当由甲方承担风险。
  中方公式在本验设存线期间:
  (10 punctually by all billings rendered to the customer from time to time;
  第二次任务设定存储为型的所保险。)
  (20 punctually by all billings rendered to the customer from time to time;
  第三次任务设定存储为型的所保险。)
  (20 punctually by all billings rendered to the customer from time to time;
  第三次任务规定合作为型的所保险。)
  (20 punctually by all billings rendered to the customer from time to to be made within 7 days from the date of invoice or the date of the Debit Note;
  第三张有务规定的是对于负责规定检查和主义部元代金。
  (20 punctually by all billings of the punctual by an address of the punctual by a punc
- (c) where the Customer fails to pay within time, UL VS shall charge interest or overcule invoices at the rate of 2 as per invarious of a per interests;

  若甲方未能按付款。 乙方称菜通用大校聚金规以每月 2%的任何收收可息,直至全额付款。此等可息以目计算且在任何判决之前和之后都产生,并以月为问题,按本金和不断累积的利息为基数来计息。
  (d) UL VS shall have a lien on any goods of the Customer until payment but the exercise of such lien shall not prevent interest continuing.

  乙方核保留理用方的资格直到其足器付款。 假留置权的行役不应转得可息的继续计算。

  甘作 Customer shall list to pay UL VS for any reason under Clauses 15 of if the Customer shall commit a breach of any of its obligation under this Agreement or if a receiver of the Customer is appointed or if any resolution or petition to wind up the Customer's business shall be passed or presented (except for the purpose of reconstruction), UL VS may without prejudice to its other rights either suspend or cancel the Agreement and in such an event UL VS may also suspend or cancel any other existing contracts without being liable to damages.

  若甲乃属任何服务未能根据第1.5 条向之内付款。或若甲乃违反了本协议项下的任何义务。或若甲方的接管人一旦被任金、或给采甲方业务的任何议政或申请被通过或提交(为重组之目的除外),则乙方可以在不影响张色权利情及下中止或解除本协议,在此专情忍下乙方也可以中止或撤

#### CONFIDENTIAL TREATMENT OF INCORMATION

#### 信息的保密处理

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- NINLL TREAMENT OF INFORMATION

  (ABARBAZE)

  Unless otherwise specifically agreed between the parties, the services rendered by UL VS to the Customer shall be on a non-exclusive best-efforts basis.

  Ret 和文门内有关特别定:由之方向中方提供问题 多应当主文在不补绝的和勤勉长资的基础之上.
  It is explicitly agreed by UL VS and the Customer that all technical information (whether contained in models, drawings, reproductions of drawings, written reports, letters, memoranda or notes or in any other form) shall be kept strictly confidential by UL VS for the purposes of this Agreement and UL VS shall all this limites use all reasonable efforts to prevent the disclosure to third parties of any part thereof unless UL VS shall have first obtained the written consent of the Customer specifically authorizing such disclosure PROVIDED ALWAYS AND IT IS MUTUALLY AGREED that the confidentially shall extend for a period of the (5) years from the date of completion of its work and PROVIDED PRIVIER that UL VS shall not be liable under this clause if through no fault of UL VS the information is generally known to the public of the information is generally known to UL VS, or its independently developed by UL VS without recovers to the materials provided by the Customer, or the information is precessary for performance by UL VS under this Agreement is a considerable interdent that Agreement by UL VS under this Agreement by UL VS u
- 行义为外分衡。 或该信息在根据不多或说完到两有管辖民的宪法进具的污痕或正式、平规根据上连拥有管辖民间或特别机器之前命令。 通过或变某金项提供的。 U.V.S. undertakes that the identity of its Customers and the nature of services rendered shall be kept confidential unless the Customer agrees in writing to their release <u>Pro</u> of the Customer is generally known to the public. 之方旅者对其中的身份和新是规律条约性景像是,除非甲方书画阿意揭露。但若在之方方面没有这精行为或失误的情况下,甲方的身份被公众普遍知悉。乙方不承担责任。 2.3

- y invention made in the performance of work for the Customer by UL VS within the field of work undertaken for the Customer, belongs to the Custom 为甲方履行工作的过程中,在为甲方所承担的工作范围内由乙方作出的任何发明属于甲方。
- 3.2 UL VS's use of the aforesaid inventions shall be free of any royalty fees provided that the uses of such inventions are confined to the performance of the work for the Customer. 在为甲方履行工作的过程中使用上途发明,乙方应当免付专利使用费。

# LIMITATION OF LIABILITY 第四条 责任限制

#### 第五条 补偿

たる in the event of actual or threatened suit against UL VS in relation to the services undertaken on behalf of the Customer or in relation to any of the Products or the Trade Mark or Patent of the Customer or of any allegation of infringement of any letters patent, registered design, trade mark or trade name, the Customer shall indemnify UL VS harmless from any liability, action, claim, demand, costs, radapses and expenses arising there from or expense including solicitors fees, coursel's fees in defending such action <u>Provided Always</u> that the Customer will at its own election either effect any settlement or compromise or at its own expense defend any such action or proceeding and not because its alignment of the province of the effect of the ef

# SOLICITATION OF EMPLOYEES 第六条 雇员引诱

교육기를 It is mutually agreed that neither party shall solicit the employees of the other for employment or hire unless prior written consent to do so is obl 双方同意除注解到事先书面同意,任何一方均不得引诱雇佣或聘用另一方的雇员。

NEW.TRIXX.7
The accompanying proposal is valid for a period of ninety (90) days from the date of the proposal unless extended in writing by UL VS. Upon the acceptance of such proposal, this appendix shall form part of the Agreement with the Customer and notwithstanding any prior discussions or prior oral or written agreements to the contrary, the terms and conditions herein shall be applicable and take precedence over any conflicting terms contained in any documents submitted by the Customer.

所代之程以书、除律由乙方书面延展、共有效期为建议书出其乙目起九十(90)日、一旦接受此建议书,本附件应当构成的任何文本内所包含的任何对之相反的任何讨论或口头或书面协议。本文中的条款和条件应当适用于,且取代中方提交的任何文件中所包含的任何文本的批评方法。

DATA AND DOCUMENT RETENTION 第八条 数据和文件保留

- プロース Affer the services are rendered, UL VS may retain a copy of all documents relating to the services (the "Supporting Documents") for as long as UL VS, in its sole discretion, deems fit. 在提供服务后,乙方可以在其认为合适时保留一份与其服务相关的所有文件("支持文件")的复印件。
- (b)

This Agreement and the rights and obligations of the parties shall in all respects be governed, construed, interpreted and operated in accordance with the relevant Chinese laws and regulations. 本协议和双方的权利义务在各方面都应当由相关的中国法律法模管辖、推断、解释和操作。

#### OBLIGATIONS OF THE CUSTOMER

## SAMPLES 第十一条 样品

界备。
U. V. Sexpects Customers to abide by all applicable regulations when shipping samples to UL VS. Improper shipping may result in additional charges for costs incurred by UL VS. (a) to identify samples to UL VS. (b) damage done to UL VS personnel or property as a result of improper packaging, labeling or omission of identifying documents. UL VS has the right to refuse receipt of any shipment that, it is discretion, is unsafe or has been shipped improperty. Any costs associated by refusal to accept shipment under this clause are the sold responsibility of the Customer. Customer is unsafe or the sample ship of the customer is unsafe or the sample ship of the customer. Outsomer is unsafe or the sample ship of the customer is unsafe or the sample ship of the customer. Outsomer is unsafe or the sample ship of the customer is unsafe or the sample ship of the customer. Outsomer is unsafe or the sample ship of the s

#### MISCELLANEOUS PROVISIONS

不是放生
Any provision of this Agreement prohibited by or regarded as unlawful or unenforceable under any applicable law actually applied by any court of competent jurisdiction shall, to the extent required by such law, be severed by this Agreement and rendered ineffective so far as is possible without modifying the remaining provisions of the agreement. Where however the provisions of any such applicable law may be waived, they are hereby waived by the parties hereto to the full extent permitted by such law to the end that this Agreement shall be valid and binding agreement enforceable in accordance with its terms.

根据有管理核的混凝剂,有例来方面用低户层型用的技术。 当本协议中的任何条款被禁止或被视为无效或不可执行时,则应当在此等法律所要来的范围内尽可能地放弃此类的成为,我们来自然的人工作,但是不是一个工作的企业,但是一个工作的企业,这个工作的企业,但是一个工作的企业,这个工作的企业,但是一个工作的企业,是一个工作的企

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- This report or certificate does not relieve sellers/suppliers from their contractual responsibility with regards to the quality/quantity of this delivery nor does it prejudice Customer's right to claim it during UL VS's random inspection or testing or audit. 本报告或证书并未免除支方/根皮方关于交付货物域值/发量方面的合同责任,也不能响甲方向卖方/供应方主杂物信在乙方能机管查或测试或审核中未被发现的任何表面和/或隐蔽的瑕疵的权利。