



# Test Report

Report No. : UNIB23102403GR-04

Page 1 / 15

Applicant : Allthink Trading (Dongguan) Co., Ltd

Address : Room 302, Building 1, No. 9, Shadunzhuyuan Road, Chashan Town, Dongguan City, Guangdong Province, China

Name of sample : Felt toys

Receiving Date : Oct. 24, 2023

Test Date : Oct. 24, 2023-Oct. 27, 2023

Test Address : No.47-3, Industrial Road, Zhushan, Dalong Street, Panyu District, Guangzhou, Guangdong, China

Test Method(s) : Please refer to "Test Results"

Testing Item(s) : Please refer to next page(s)

Decision Basis : Please refer to next page(s)

Conclusion : Pass

Signed for and on behalf of  
Shenzhen United Testing Technology Co., Ltd

Cheng Min Lu Aiqun

Cheng min  
Approved Signatory

Lu Aiqun

Apr. 01, 2024

Issue Date



# Test Report

Report No. : UNIB23102403GR-04

Page 2 / 15

## 1、Result summary

No.	Testing requirement	Conclusion
1	CPSIA SECT. 101(a) -Total lead Content in Substrate	Pass
2	USA 16 CFR 1303 -Total lead Content in Surface coating	N/A
3	USA 16 CFR 1307-Phthalates Content	Pass
4	CPSIA SECT. 103-Tracking label assessment	Pass
5	USA 16 CFR 1500.44 Flammability	Pass
6	USA 16 CFR 1500.48, 1500.49 -Sharp point &Sharp edge	Pass
7	USA 16 CFR 1501-Small parts	N/A
8	ASTM F963-23 Mechanical and physical properties	Pass
9	ASTM F963-23 Battery-Operated safety Properties	N/A
10	ASTM F963-23 Flammability	Pass
11	ASTM F963-23 Total lead Content	Pass
12	ASTM F963-23 Heavy elements	Pass

### Note:

- 1.This sample(s) was tested according to applicant requirements. According to the test results.
- 2.N/A = Not Applicable.



# Test Report

Report No. : UNIB23102403GR-04

Page 3 / 15

## 2、Sample information(s)

The following information of sample(s) was/were submitted and identified by applicant:

Model No. : MZ0000, MZ0001, MZ0002, MZ0003, MZ0004, MZ0005, MZ0006, MZ0007, MZ0008, MZ0009, MZ0010, MZ0011, MZ0012, MZ0013, MZ0014, MZ0015, MZ0016, MZ0017, MZ0018, MZ0019, MZ0020, MZ0022, MZ0023, MZ0024, MZ0025, MZ0026, MZ0027, MZ0028, MZ0029, MZ0030, MZ0031, MZ0032, MZ0033, MZ0034, MZ0035, MZ0036, MZ0037, MZ0038, MZ0039, MZ0040, MZ0041, MZ0042, MZ0043, MZ0044, MZ0045, MZ0046, MZ0047, MZ0048

Lot No. : 2023092689

Manufacturer : Allthink Trading (Dongguan) Co., Ltd

Sample Quantity : Room 302, Building 1, No. 9, Shadunzhuyuan Road, Chashan Town, Dongguan City, Guangdong Province, China

Age Grading : 3+





# Test Report

Report No. : UNIB23102403GR-04

Page 4 / 15

## 3、CPSIA

### 3.1 Test Part Description

No.	Description	Material
M001	Green sponge	Polymer

#### Note:

1.This table is used to identify each test part of the Sample. Different descriptions in the "Description" column are only used to distinguish each test part. "Material" column are only gives a simple Description of the material of each test part, which does not mean that this is the result of a material identification.

2.The test articles (parts/material) is specified by the applicant.

### 3.2 Test Results

#### 3.2.1 Total lead Content in substrate test- CPSIA SECT. 101(a)

##### 3.2.1.1 M001

Test Item(s)	CAS No.	Test Method	MDL	Result	Limit	Unit	Verdict
Lead (Pb)	--	CPSC-CH-E1002-08.3:2012	10	ND	100	mg/kg	Pass

#### 3.2.2 Phthalates content test-USA 16 CFR 1307

##### 3.2.2.1 M001

Test item	CAS No.	Test Method	MDL	Result	Limit	Unit	Verdict
DBP	84-74-2	CPSC-CH-C1001-09.4:2018	50	ND	1000	mg/kg	Pass
BBP	85-68-7	CPSC-CH-C1001-09.4:2018	50	ND	1000	mg/kg	Pass
DEHP	117-81-7	CPSC-CH-C1001-09.4:2018	50	ND	1000	mg/kg	Pass
DCHP	84-61-7	CPSC-CH-C1001-09.4:2018	50	ND	1000	mg/kg	Pass
DHEXP	84-75-3	CPSC-CH-C1001-09.4:2018	50	ND	1000	mg/kg	Pass
DIBP	84-69-5	CPSC-CH-C1001-09.4:2018	50	ND	1000	mg/kg	Pass
DPENP	131-18-0	CPSC-CH-C1001-09.4:2018	50	ND	1000	mg/kg	Pass
DINP	28553-12-0 68515-48-0	CPSC-CH-C1001-09.4:2018	50	ND	1000	mg/kg	Pass



# Test Report

Report No. : UNIB23102403GR-04

Page 5 / 15

## 4、ASTM F963

### 4.1 Toy Physics Test Data

#### 4.1.1 Mechanical and physical properties

As per ASTM Standard on Safety of toys F963-23

Age Group Assessed As Per Age Guideline: 3+

Age Group Applied in Testing: 3+

Labeled Age Group: 3+

The submitted samples were undergone the following abuse tests:

Test	Clause	Parameter
Drop test	8.7.1	4 times x 3.0ft
Torque test	8.8	(4±0.2) in.·lbf
Tension test	8.9	(15±0.5) lbf

Clause	Testing Items	Assessment
4.0	General requirements	
4.1	Material Quality	Pass
4.2	Flammability	
	A 5. Flammability testing for solids and soft toys	Pass
	A 6. Flammability testing for Fabrics	Pass
4.3.7	Stuffing Materials	N/A
4.5	Sound Producing Toys	N/A
4.6	Small Objects	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	Packaging Film	N/A
4.13	Folding Mechanism 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



# Test Report

Report No. : UNIB23102403GR-04

Page 6 / 15

Clause	Testing Items	Assessment
4.18	Holes, Clearance and Accessibility of Mechanisms	N/A
4.19	Simulated Protective Devices	N/A
4.20	Pacifiers	N/A
4.21	Projectiles 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/A
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 Markings	N/A
4.31	Balloons	N/A
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
5.0	Safety Labeling Requirements	
5.1	Federal Government Requirements	Pass
5.2	Age Grading Labeling	Pass
5.3	Safety Labeling Requirements	Pass
5.4	Aquatic Toys	N/A
5.5	Crib and Playpen Toys	N/A
5.6	Mobiles	N/A





# Test Report

Report No. : UNIB23102403GR-04

Page 7 / 15

Clause	Testing Items	Assessment
5.7	Stroller and Carriage Toys	N/A
5.8	Toys Intended to be Assembled by an Adult	N/A
5.9	Simulated Protective Devices	N/A
5.10	Toys with Functional Sharp Edges and Sharp Points	N/A
5.11	Small Objects, Small Balls, Marbles, and Balloons	Pass
5.12	Art Materials	N/A
5.13	Electric Toys	N/A
5.14	Battery-Operated Toys	N/A
5.15	Promotional Materials	Pass
5.16	Magnets	N/A
6.0	Instructional Literature	
6.1	Definition and Description	Pass
6.2	Crib and Playpen Toys	N/A
6.3	Mobiles	N/A
6.4	Toys Intended to be Assembled by an Adult	N/A
6.5	Battery-Operated Toys	N/A
6.6	Battery Powered Ride-on Toys	N/A
6.7	Toys in Contact with Food	N/A
6.8	Toys Chests	N/A
6.9	The instructional material of tool	N/A
7.0	Producer's Markings	
7.1	Name of producer/distributor (Toy/Package)	Yes
	Address (Toy/Package)	Yes
7.2	Battery – Powered Ride – on Toys	N/A
7.3	Toy Chests	N/A
8.5	Normal Use Testing	Pass
8.7	Impact Test	Pass
8.7.1	Drop Test	Pass
8.7.2	Tipover Test for Large, Bulky Toys	N/A
8.7.3	Tumble Test for Wheeled Toys	N/A
8.7.4	Impact Test for Toys that Cover the Face	N/A

# Test Report

Report No. : UNIB23102403GR-04

Page 8 / 15

Clause	Testing Items	Assessment
8.8	Torque Tests for Removal of Components	Pass
8.9	Tension Test for Removal of Components	Pass
8.10	Compression Test	N/A
8.11	Test for Tire Removal and snap-in wheel and axle assembly removal	N/A
8.12	Flexure Test	N/A
8.13	Test for Mouth-Actuated Toys and Mouth-Actuated Projectile Toys	N/A
8.14	Projectiles	N/A
8.15	Test for Stability of Ride-on Toys or Toy Seats	N/A
8.16	Tension Test for Pompoms	N/A
8.17	Stalled Motor Test for Battery-operated Toys	N/A
8.18	Tests for Battery-Powered Ride-on Toys	N/A
8.19	Tests for Toys that Contain Secondary Cells or Batteries	N/A
8.20	Tests for Toys Which Produce Noise	N/A
8.21	Dynamic Strength Test for Wheeled Ride-on Toys	N/A
8.22	Plastic Film Thickness	N/A
8.23	Test for Loops and Cords	N/A
8.24	Yoyo Elastic Tether Toy Test Methods	N/A
8.25	Magnet Test Methods	N/A
8.26	Test Methods for Locking Mechanisms or Other Means	N/A
8.27	Test for Toy Chest Lids and Closures	N/A
8.28	Test for Overload of Ride-on Toys and Toy Seats	N/A
8.29	Stuffing Materials Evaluation	N/A
8.30	Expanding Materials Test Method	N/A

Remark: N/A = Not Applicable N/P = Not Performed



## 4.1.2 Flammability

As per section 4.2 of the ASTM Standard Consumer Safety Specification on Toy Safety F963-23, the samples were tested according to Annex A5 Flammability Testing Procedure for Solids and Soft Toys.

Sample	Ignition Point	Burn Length (inch)	Time(Sec)	Actual Burn rate(inch/sec)	Limit(inch/sec)
Velcro	Head	2	60	0.03	0.1

Remark: IGN=Ignite DNI=Do not ignite SE= self-extinguished

As per section 4.2 of the ASTM Standard Consumer Safety Specification on Toy Safety F963-17, the samples were tested according to Annex A6 Flammability Testing Procedure for Fabrics and 16 CFR 1610.6.

Sample	Requirement	Actual Data
Fabric	Average burn time $\geq 3.5s$ for plain surface fabrics	DNI

Remark: IGN=Ignite DNI=Do not ignite SE= self-extinguished

## 4.1.3 Mechanical and physical properties

Age Group Assessed As Per Age Guideline: 3+

Age Group Applied in Testing: 3+

Labeled Age Group: 3+

CPSC Code of Federal Regulations		
1500.44	Flammability of solid	Pass
1500.48	Sharp point in toys and other articles intended for use by children under 8 years of age	Pass
1500.49	Sharp metal or glass edge in toys and other articles intended for use by children under 8 years of age	Pass
1501	Toys and other articles intended for use by children under 3 years of age which present choking, aspiration, or ingestion hazards because of small parts	N/A

Remark: N/A = Not Applicable



# Test Report

Report No. : UNIB23102403GR-04

Page 10 / 15

## 4.1.4 Tracking Label Assessment

As per Consumer Product Safety Improvement Act(CPSIA) 2008 section 103 tracking label for children products

Labeling Content	Observation Result	Location	Conclusion
Name of Manufacturer/Import Private Labeler in the tracking label	Allthink Trading (Dongguan) Co., Ltd	Packaging	Pass
Location of production	Room 302, Building 1, No. 9, Shadunzhuyuan Road, Chashan Town,Dongguan City, Guangdong Province, China	Packaging	Pass
Date of production	2023.09.26	Packaging	Pass
Cohort information (including the batch, run number, or other identifying characteristic)	2023092689	Packaging	Pass



# Test Report

Report No. : UNIB23102403GR-04

Page 11 / 15

## 4.2 Toy Chemical Test Data

### 4.2.1 Test Part Description

No.	Description	Material
M001	Green sponge	Polymer

#### Note:

1.This table is used to identify each test part of the Sample. Different descriptions in the "Description" column are only used to distinguish each test part. "Material" column are only gives a simple Description of the material of each test part, which does not mean that this is the result of a material identification.

2.The test articles (parts/material) is specified by the applicant.

### 4.2.2 Test Results

#### 4.2.2.1 Total lead Content in substrate -ASTM F963-23 clause 4.3.5.2(1)

##### 4.2.2.1 M001

Test Item(s)	CAS No.	Test Method	MDL	Result	Limit	Unit	Verdict
Lead (Pb)	--	CPSC-CH-E1002-08.3:2012	10	ND	100	mg/kg	Pass

#### 4.2.2.2 Heavy elements -ASTM F963-23 clause 4.3.5.2(1)

##### 4.2.2.2.1 M001

Element	MDL	Result	Limit	Unit	Verdict
Antimony (Sb)	10	ND	60	mg/kg	Pass
Arsenic (As)	5	ND	25	mg/kg	Pass
Barium (Ba)	10	ND	1000	mg/kg	Pass
Cadmium (Cd)	5	ND	75	mg/kg	Pass
Chromium (Cr)	5	ND	60	mg/kg	Pass
Lead (Pb)	5	ND	90	mg/kg	Pass
Mercury (Hg)	5	ND	60	mg/kg	Pass
Selenium (Se)	5	ND	500	mg/kg	Pass

#### Remarks:

- 1) 1mg/kg = 0.0001%
- 2) MDL=Method Detection Limit
- 3) ND= Not Detected(<MDL)
- 4) "--"=No Testing or Blank or Not applicable.



## 5、Sample Photo(s)










Product Name:Felt toys  
 Age Grading:3+ Batch No. :2023092689  
 Date of Production :2023.09.26 Model NO.:MZ0000  
 Manufacturer:Allthink Trading (Dongguan) Co., Ltd  
 Manufacturer's Address:Room 302, Building 1, No. 9, Shadunzhuyuan Road, Chashan Town,Dongguan City, Guangdong Province, China  
 MADE IN CHINA

   **WARNING:**  
 CHOKING HAZARD--Small parts  
 Not for children under 3 yrs.

Sample pictures are only used to inform the applicant that the samples received and tested in our laboratory are shown in the picture.

United Testing is the US Consumer Product Safety Commission(CPSC) Accredited Third Party Testing Laboratory, Identification Number is 1645, and shall refer to:

<https://www.cpsc.gov/cgi-bin/labsearch/default.aspx>.

This report replaces the test report numbered UNIB23102403GR-02 and the test report numbered UNIB23102403GR-02 is invalid.

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



## Statement

- 1、 This report must have the signature of the authorized signatory and the special seal of the report, otherwise it will be considered invalid. If there is no anti-counterfeiting electronic seal of the laboratory in the report in PDF format or it is displayed as "X", the report is invalid.
- 2、 This report shall not be modified, added or deleted without authorization.
- 3、 The results of this report are only valid for the samples provided by Applicant to our laboratory for inspection (That is, samples received by our laboratory. Without special explanation, it refers to the samples presented in the report "Sample Photo(s)").
- 4、 If there is any objection to the test data and conclusions of this report, please submit it in writing within 10 working days after the date of issuance of the report.
- 5、 Without the written consent of the company, this report shall not be copied (except for full copy), nor shall it be used as publicity materials or advertising.
- 6、 The cover of the report is for decoration only, not included in the body of the report.
- 7、 The paper report issued by our company has the same effect as the electronic report. In case of any difference between the two, the electronic report shall prevail.
- 8、 The Chinese and English reports issued by our company have the same effect. In case of any difference in understanding, the Chinese version shall prevail.
- 9、 Please provide the complete report documents issued by our company when inquiring the report.
- 10、 For cases where compliance is determined based on test values, when relevant specifications, standards, documents, and customers have no relevant requirements and no other special instructions, the test report issued by this laboratory is carried out in full value and adopts ILAC-G8:09 /2019 "Simple Acceptance Rule" for judgment.