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**Applicant** : FUJIAN DECOWIN E-COMMERCE CO., LTD.

ROOM 1-101, BUILDING 2, FUXING ECONOMIC DEVELOPMENT ZONE **Address** 

C1, No. 318, FUGUANG ROAD, JIN'AN DISTRICT, FUZHOU, FUJIAN

The sample and sample information tested below are provided and confirmed by the applicant

White toy box / Gray toy box Sample Name

Model DYEL702 / DYEL702-G

Material MDF

Supplier Delta (Fujian) Children's Products Co., Ltd.

**Labeled Age Grading** No specified Requested Age Grading : 2~8 years old Age Group Applied in Testing 2~8 years old

US **Country of Destination Country of Origin** China

Feb. 02, 2024 **Received Date** 

**Test Period** Feb. 02, 2024 ~ Feb. 03, 2024

As requested by client, according to ASTM F963-17 Standard Consumer Safety **Test Requested** Specification for Toy Safety, to perform the related test in the submitted sample.

> As requested by client, according to the Section 101 of U.S. Consumer Product 2. Safety Improvement Act of 2008 (CPSIA), to determine the Lead content in the submitted sample.

3. As requested by client, according to Section 108 of the Consumer Product Safety Improvement Act of 2008 (CPSIA) and its revised regulation 16 CFR 1307, to determine the content of specified Phthalates in the submitted sample.

4. For compliance with the test requirement of CPSIA Section 103 tracking labels for Children's products.

**Test Summary** Please refer to next page (s).

Prepared by:

Reviewed by:

ng Yufeng, Jason athorized signatory

Signed for and on behalf of

EMTEK(Suzhe

May 15, 2024





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Test Summary

Test Item	Conclusion
1. ASTM F963-17 Standard Consumer Safety Specification for Toy Safety	Pass
2. CPSIA Section 101 –Total Lead Requirement for children's products	Pass
3. CPSIA Section 108 and 16 CFR 1307 – Specified Phthalates content	Pass
CPSIA section 103 - Tracking Labels for Children's Products	Pass

Remark: Pass: Meet the requirement; Fail: Doesn't meet the requirement; N/A: Without conclusions or provide test results only.

#### **Sample Description**

(The sample and sample information tested below are provided and confirmed by the applicant)

Sample No.	Sample Number
1	E2402010128-01

Sample (disassembly) list

Subsample no.	Sample name and description
1	White toy box / Gray toy box
1.1	Brown MDF board
1.2	Brown wood
1.3	White paint
1.4	Silvery metal
2.1	Brown MDF board
2.2	Brown wood
2.3	Grey paint
2.4	Silvery metal





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#### **Test Result:**

#### 1. ASTM F963-17 Standard Consumer Safety Specification for Toy Safety

As Specified in ASTM F963-17 Standard Consumer Safety Specification for Toy Safety

<u>Clause</u>	<u>Description</u>	<u>Result</u>
4.	Safety requirements	
4.1	Material quality	Pass
4.2	Flammability	Pass
		(See Note1)
4.3	Toxicology	
4.3.1	Hazardous substances	N/A
4.3.2	Manufacturing and packaging of food	N/A
4.3.3	Indirect food additives	N/A
4.3.4	Cosmetics	N/A
4.3.5	Heavy elements	
4.3.5.1	Heavy elements in paint and similar surface-coating materials	Pass
4050		(See Note2)
4.3.5.2	Heavy elements in toys substrate materials	Pass (See Note2)
4.3.6	Cosmetics, liquids, pastes, putties, gels and powders	N/A
4.3.7	Stuffing materials	N/A
4.3.8	Dehp (dop) - pacifiers, rattles, and teethers	N/A
4.4	Electrical/thermal energy	N/A
4.5	Sound-producing toys	N/A
4.6	Small objects	
4.6.1	Toys that are intended for children under 36 months of age	Pass*
4.6.2	Mouth-actuated toys	N/A
4.6.3	Toys and games that are intended for use by children who are at least three years old	
	But less than six years of age	N/A
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	Pass
4.12	Plastic film	N/A
4 13	Folding mechanisms and hinges	





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<u>Clause</u>	<u>Description</u>	<u>Result</u>
4.13.1	Folding mechanisms	N/A
4.13.2	Hinge-line clearance	N/A
4.14	Cords, straps, and elastics	
4.14.1	Cords, straps, and elastics in toys intended for children under 18 months of age	N/A
4.14.2	Self-retracting cords in toys intended for children under 18 months of age	N/A
4.14.3	Cords, straps, and elastics on pull toys intended for children under 36 months of age	N/A
4.14.4	Cords, strings or line for flying devices	N/A
4.14.5	Cords on toy bags intended for children up to 18 months	N/A
4.15	Stability and over-load requirements	
4.15.1	Stability of ride-on toys and toy seats	N/A
4.15.2	Sideways stability requirements	N/A
4.15.3	Fore and aft stability	N/A
4.15.4	Stability of stationary floor toys	Pass
4.15.5	Overload requirements for ride-on toys and toy seats	N/A
4.15.6	Wheeled ride-on toys	N/A
4.16	Confined spaces	
4.16.1	Ventilation	N/A
4.16.2	Closures	N/A
4.16.3	Toys that enclose the head	N/A
4.17	Wheels, tires and axles	N/A
4.18	Holes, clearance and accessibility of mechanisms	
4.18.1	Accessible clearances for moveable segments	N/A
4.18.2	Circular holes in rigid materials	N/A
4.18.3	Chains and belts	N/A
4.18.4	Inaccessibility of mechanisms	N/A
4.18.5	Winding keys	N/A
4.18.6	Coil springs	N/A
4.19	Simulated protective devices	N/A
4.20	Pacifiers	N/A
4.21	Projectile toys	
4.21.1	All projectiles	N/A
4.21.2	Projectile toys with stored energy	N/A
4 21 3	Projectile toys without stored energy	N/A





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<u>Clause</u>	<u>Description</u>	<u>R</u>
4.21.4	Rotors	N.
4.22	Teethers and teething toys	N.
4.23	Rattles	N.
4.24	Squeeze toys	N
4.25	Battery-operated toys	N.
4.26	Toys intended to be attached to a crib or playpen	
4.26.1	Protrusions	N.
4.26.2	Crib mobiles	N.
4.26.3	Crib gyms	Ν
4.27	Stuffed and beanbag-type toys	Ν
4.28	Stroller and carriage toys	Ν
4.29	Art materials	N
4.30	Toy gun marking	N
4.31	Balloons	Ν
4.32	Certain toys with nearly spherical ends	Ν
4.33	Marbles	N
4.34	Balls	Ν
4.35	Pompoms	Ν
4.36	Hemispheric-shaped objects	N
4.37	Yo-yo elastic tether toys	Ν
4.38	Magnets	Ν
4.39	Jaw entrapment in handles and steering wheels	N
4.40	Expanding materials	Ν
4.41	Toy chests	Р
5	Safety labeling requirements	
5.1	Federal government requirements	Р
5.2	Age grading labeling	Ν
5.3	Safety labeling requirements	Ν
5.4	Aquatic toys	Ν
5.5	Crib and playpen toys	Ν
5.6	Mobiles	Ν
5.7	Stroller and carriage toys	Ν
E 0	Tays intended to be assembled by an adult	_





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<u>Clause</u>	<u>Description</u>	<u>R</u>
5.9	Simulated protective devices	N
5.10	Toys with functional sharp edges or points	N
5.11	Small objects, small balls, marbles and balloons	N
5.12	Toy caps	N
5.13	Art materials	N
5.14	Electric toys	N
5.15	Battery-operated toys	N.
5.16	Promotional materials	N
5.17	Magnets	N.
6	Instructional literature	
6.1	Definition and description	Pa
6.2	Crib and playpen toys	N.
6.3	Mobiles	N.
6.4	Toys intended to be assembled by an adult	N.
6.5	Battery-operated toys	N.
6.6	Battery Powered Ride-on Toys	Ν
6.7	Toys in contact with food	Ν
6.8	Toy Chests	Р
7	Producer's markings	
7.1	Producer's markings	Р
7.2	Battery-powered ride-on toys	Ν
7.3	Toy Cheats	Р
8	Test method	
8.5	Normal use testing	Р
8.5.1	Washable toys	N.
8.6	Abuse testing	
8.7	Impact tests	Р
8.8	Torque tests	Р
8.9	Tension tests	Р
8.9.1	Seam test	Ν
8.10	Compression test	Р
8.11	Tests for Tire Removal and Snap-in Wheel and Axle Assembly Removal	
8.11.1	Removal of Tires	N





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<u>Clause</u>	<u>Description</u>	Result
8.11.2	Toys Assembled With Snap-in Axles	N/A
8.11.3	Compression Test for Snap-in Wheel and Axle Assemblies	N/A
8.12	Flexure test	N/A
8.16	Tension test for pompoms	N/A

N/A = Not Applicable

Remark: \*=The test results were obtained with the resubmitted sample on Jul. 20, 2023.

#### **Test Result:**

#### Note 1:

ASTM F963-17, Clause 4.2 — Flammability Test

Flammability Test on Solid

SampleBurning Rate (inch/sec)Limit (inch/sec)Gray toy boxDNI0.10

DNI= Did Not Ignite





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**Test Results:** 

Note 2:

#### ASTM F963-17, Clause 4.3.5.2 — Heavy elements in toys substrate materials

Test Method: With reference to ASTM F963-17 Clause 8.3.5 and CPSC-CH-E1002-08.3, analysis was performed by ICP-OES.

Toot Itom(a)	Total	Soluble Heavy Metal Content							
Test Item(s)	Pb	Sb	As	Ва	Cd	Cr	Pb	Hg	Se
Requirement (mg/kg)	100	60	25	1000	75	60	90	60	500
MDL (mg/kg)	2	5	2.5	5	5	5	5	5	5
Specimen No.	1		Adjusted Soluble Result (mg/kg)						
1.1	ND	ND	ND	17	ND	ND	ND	ND	ND
1.2	ND	ND	ND	ND	ND	ND	ND	ND	ND
2.1	ND	ND	ND	17	ND	ND	ND	ND	ND
2.2	ND	ND	ND	ND	ND	ND	ND	ND	ND

#### ASTM F963-17, Clause 4.3.5.1 — Heavy Elements in Surface-Coating Materials

Test Method: With reference to ASTM F963-17 Clause 8.3.2-8.3.4 and CPSC-CH-E1003-09.1, analysis was performed by ICP-OES.

Test Item(s)	Total	Soluble Heavy Metal Content							
rest item(s)	Pb	Sb	As	Ва	Cd	Cr	Pb	Hg	Se
Requirement (mg/kg)	90	60	25	1000	75	60	90	60	500
MDL (mg/kg)	2	5	2.5	5	5	5	5	5	5
Specimen No.	/		Adjusted Soluble Result (mg/kg)						
1.3	ND	ND	ND	ND	ND	ND	ND	ND	ND
2.3	ND	ND	ND	ND	ND	ND	ND	ND	ND





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#### **Test Results:**

#### 2. CPSIA Section 101 - Total Lead Requirement for children's products

Test Method: with reference to CPSC-CH-E1001-08.3&CPSC-CH-E1002-08.3&CPSC-CH-E1003-09.1, the analysis was performed by ICP-OES.

Analyto	Linit		MDI	Limit		
Analyte	Unit	1.1	1.2	1.4	MDL	Limit
Lead (Pb)	mg/kg	ND	ND	ND	2	100

Analyta	Unit		MDL	Limit		
Analyte		2.1	2.2	2.4	MDL	
Lead (Pb)	mg/kg	ND	ND	ND	2	100

Analyte	Unit	Test F	MDI	Limit	
		1.3	2.3	MDL	Limit
Lead (Pb)	mg/kg	ND	ND	2	90

Note: (1) mg/kg = milligram per kilogram = ppm

(2) MDL = Method Detection Limit

(3) ND = Not Detected (lower than MDL)

#### **Test Results:**

### 3. CPSIA Section 108 and 16 CFR 1307 - Specified Phthalates content

Test Method: with reference to CPSC-CH-C1001-09.4, the analysis was performed by GC-MS.

Concentration of phthalates in children's toys and child care products

Analyta	CASNo	CAS No. Unit Test Resu	t	MDL	Limit		
Analyte	CAS NO.	Ullit	1.1	1.2	1.3	MIDL	LITTIIL
Di-(2-ethyhexyl) phthalate (DEHP)	117-81-7	mg/kg	ND	ND	ND	30	1000
Dibutyl phthalate (DBP)	84-74-2	mg/kg	ND	ND	ND	30	1000
Benzyl butyl phthalate (BBP)	85-68-7	mg/kg	ND	ND	ND	30	1000
Diisononyl phthalate (DINP)	28553-12-0 68515-48-0	mg/kg	ND	ND	ND	50	1000
Diisobutyl phthalate (DIBP)	84-69-5	mg/kg	ND	ND	ND	30	1000





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Analyta	CAS No. Unit	Linit	Test Result			MDL	Limit
Analyte		Ullit	1.1	1.2	1.3	IVIDL	
Di-n-pentyl phthalate (DPENP)	131-18-0	mg/kg	ND	ND	ND	30	1000
Di-n-hexyl phthalate (DHEXP or DnHP)	84-75-3	mg/kg	ND	ND	ND	30	1000
Dicyclohexly phthalate (DCHP)	84-61-7	mg/kg	ND	ND	ND	30	1000

Anglista	CAS No.	Unit	Test Result			MDL	Limit
Analyte	CAS NO.		2.1	2.2	2.3	IVIDE	LIIIIII
Di-(2-ethyhexyl) phthalate (DEHP)	117-81-7	mg/kg	ND	ND	ND	30	1000
Dibutyl phthalate (DBP)	84-74-2	mg/kg	ND	ND	ND	30	1000
Benzyl butyl phthalate (BBP)	85-68-7	mg/kg	ND	ND	ND	30	1000
Diisononyl phthalate (DINP)	28553-12-0 68515-48-0	mg/kg	ND	ND	ND	50	1000
Diisobutyl phthalate (DIBP)	84-69-5	mg/kg	ND	ND	ND	30	1000
Di-n-pentyl phthalate (DPENP)	131-18-0	mg/kg	ND	ND	ND	30	1000
Di-n-hexyl phthalate (DHEXP or DnHP)	84-75-3	mg/kg	ND	ND	ND	30	1000
Dicyclohexly phthalate (DCHP)	84-61-7	mg/kg	ND	ND	ND	30	1000

Note:

- (1) mg/kg = milligram per kilogram = ppm
- (2) MDL = Method Detection Limit
- (3) ND = Not Detected (lower than MDL)





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#### 4. CPSIA section 103 - Tracking Labels for Children's Products

As specified in Consumer Product Safety Improvement Act (CPSIA) of 2008 section 103 tracking labels for children's products.

- Tracking labels found on the packaging:

1) Name: TMALL, INC.

2) Location: Fuqing City, Fujian PROVINCE, P.R.C.

3) Date: 202306

4) Cohort information: 23DC91880F-01

- Product labels found on the product:

5) Name: TMALL, INC.

6) Location: Fuging City, Fujian PROVINCE, P.R.C.

7) Date: 202306

8) Cohort information: 23DC91880F-01





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Sample Photos





The following photos are provided by the customer for reference only

















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Declaration: Report ESZ2402010128C00301RM1 was repealed and replaced by report ESZ2402010128C00301RM2

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







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Date: May 15, 2024

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For other statements, please refer to the footer of the report.





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