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Applicant : Fujian DecoWin E-commerce Co., Ltd.

Address : Room 1-101, Building 2, Fuxing Economic Development Zone C1, No. 318,

Fuguang Road, Jin'an District, Fuzhou, Fujian

Sample Name : Storage cabinet

Style/Item No. : DYHY22246 / DYHY22246-1

Material : MDF+nonwoven fabric+cardboard+pine wood, Storage cabinet

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

Labeled Age Grading : AGES 2-8 YEARS

Requested Age Grading : Not provided

Age Group Applied in Testing : Over 2 years

Received Date : Aug. 09, 2023

Test Period : Aug. 09, 2023 ~ Aug. 28, 2023

Test Requested : 1. As specified by the client, for compliance with the test requirement of

ASTM F963-17 Standard Consumer Safety Specification on Toy Safety.

2. For compliance with the test requirement of CPSIA Section 103 tracking

labels for Children's products.

3. As requested by the client, according to the Section 101 of U.S. Consumer

Product Safety Improvement Act of 2008 (CPSIA), to determine the Lead

content in the submitted sample.

4. As requested by the client, according to the Section 108 of U.S. Consumer

Product Safety Improvement Act of 2008 (CPSIA), to determine the

contents of the regulated phthalates in the submitted sample.

Test Results: Please refer to next page (s).







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Executive Summary:

	STANDARD	CONCLUSION
1.	ASTM F963-17 Standard Consumer Safety Specification for Toy Safety	PASS
2.	CPSIA section 103 - Tracking Labels for Children's Products	PASS
3.	Section 101 of U.S. Consumer Product Safety Improvement Act of 2008 (CPSIA) – Total Lead (Pb) Requirement for children's products	PASS
4.	Section 108 of U.S. Consumer Product Safety Improvement Act of 2008 (CPSIA) – Phthalates Requirement for toys and childcare articles	PASS

Signed for and on behalf of EMTEK(Dongguan) Co., Ltd

Prepared by:

Reviewed by:

Guan Yongshi, Rainie

Report Engineer

Zeng Xingji, Cindy Supervisor

Approved by:

Li Wei, Lisa Authorized signatory Aug. 28, 2023





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Test Results:

1. ASTM F963-17Standard Consumer Safety Specification for Toy Safety AS SPECIFIED IN ASTM F963-17 STANDARD CONSUMER SAFETY SPECIFICATION ON TOYS SAFETY

<u>Clause</u>	<u>Description</u>	<u>Result</u>
4.	Safety Requirements	
4.1	Material Quality(Visual Examination)	<u>Pass</u>
4.2	Flammability	Pass (See Note 1)
4.3	Toxicology	
4.3.1	Hazardous Substances	<u>N/A</u>
4.3.2	Manufacturing and Packaging of Food	<u>N/A</u>
4.3.3	Indirect Food Additives	<u>N/A</u>
4.3.4	Cosmetics	<u>N/A</u>
4.3.5	Heavy Elements	Pass (See Note 2)
4.3.6	Cosmetics, Liquids, Pastes, Putties, Gels and Powders	<u>N/A</u>
4.3.7	Stuffing Materials	<u>N/A</u>
4.3.8	DEHP	<u>N/A</u>
4.4	Electrical/Thermal Energy	<u>N/A</u>
4.5	Sound-producing Toys	<u>N/A</u>
4.6	Small Objects	
4.6.1	Toys that are intended for children under 36 months of age	<u>Pass</u>
4.6.2	Mouth-Actuated Toys	<u>N/A</u>
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	<u>N/A</u>
4.7	Accessible Edges	Pass N/A
4.8	Projections	<u>N/A</u>
4.9	Accessible Points	<u>Pass</u>
4.10	Wires or Rods	<u>N/A</u>
4.11	Nails and Fasteners	<u>Pass</u>
4.12	Plastic Film	N/A
4.13	Folding Mechanisms and Hinges	<u>N/A</u>
4.14	Cords, Straps, and Elastics	<u>N/A</u>
4.15	Stability and Over-Load Requirements	<u>Pass</u>
4.16	Confined Spaces	<u>N/A</u>
4.17	Wheels, Tires and Axles	<u>N/A</u>
4.18	Holes, Clearance and Accessibility of Mechanisms	<u>N/A</u>
4.19	Simulated Protective Devices	<u>N/A</u>
4.20	Pacifiers	<u>N/A</u>





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<u>Clause</u>	<u>Description</u>	Result
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/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 Marking	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.	Safety Labeling Requirements	
5.1	Federal Government Requirements	N/A
5.2	Age Grading Labeling	<u>Pass</u>
5.3	Safety Labeling Requirements	<u>Pass</u>
5.4	Aquatic Toys	N/A
5.5	Crib and Playpen Toys	N/A
5.6	Mobiles	N/A
5.7	Stroller and Carriage Toys	N/A
5.8	Toys Intended to be Assembled by an Adult	<u>Pass</u>
5.9	Simulated Protective Devices	N/A
5.10	Toys with Functional Sharp Edges or Points	N/A
5.11	Small Objects, Small Balls, Marbles and Balloons	N/A
5.12	Toy Caps	N/A
5.13	Art Materials	<u>N/A</u>
5.14	Electric Toys	N/A
5.15	Battery-Operated Toys	N/A





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<u>Clause</u>	<u>Description</u>	Resul
5.16	Promotional Materials	<u>Pass</u>
5.17	Magnets	N/A
6.	Instructional Literature	
6.1	Definition and Description	<u>Pass</u>
6.2	Crib and Playpen Toys	N/A
6.3	Mobiles	N/A
6.4	Toys Intended to be Assembled by an Adult	<u>Pass</u>
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	Toy Chests	N/A
7.	Producer's Markings	
7.1	Producer's Markings	<u>Pass</u>
7.2	Battery-Powered Ride-on Toys	N/A
7.3	Toy Chests	N/A
8.	Test Method	
8.5	Normal Use Testing	<u>Pass</u>
8.5.1	Washable Toys	N/A
8.7	Impact Test	<u>Pass</u>
8.8	Torque Test	<u>Pass</u>
8.9	Tension Test	<u>Pass</u>
8.9.1	Seam Test	N/A
8.10	Compression Test	<u>Pass</u>
8.12	Flexure Test	N/A
8.16	Tension Test for Pompoms	N/A
8.25	Magnet test method	N/A

N/A = Not Applicable





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Test Results:

Note 1

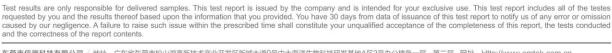
Flammability Test

ASTM F963-17 - Flammability test (Clause 4.2)

Flammability Test on Solid

Limit (inch/sec) Sample 5 1 Burning Rate (inch/sec) Storage cabinet **IBE** 0.1

IBE = Ignite But Self-Extinguished







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Test Results:

Note 2

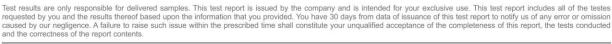
Heavy Elements

Remark: After normal use and abuse test, no metallic component (small part) was found.

- a. Heavy metal content in paint and similar surface coating material: ASTM F963-17 Section 4.3.5.1
 - Test Method: 1) To refer to the test method CPSC-CH-E1003-09.1, the analysis was performed by AAS/ICP-OES.
 - 2) Samples were extracted in diluted hydrochloric acid in accordance with ASTM F963-17 (CLAUSE 8.3), and the analysis was performed by ICP-OES.

Test Item	:	Total Lead (Pb)
Requirement (mg/kg)	:	90
Test Item No.		1+2+3
Test Result (mg/kg)		<10

Test Item				Sol	uble			
rest item	Sb	As	Ва	Cd	Cr	Pb	Hg	Se
Requirement (mg/kg)	60	25	1000	75	60	90	60	500
Test Item No.		Adjusted Soluble Result (mg/kg)						
1	<2	<2	<2	<2	<2	<2	<2	<2
2	<2	<2	<2	<2	<2	<2	<2	<2
3	<2	<2	<2	<2	<2	<2	<2	<2







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Test Results:

- b. Heavy metal content in Toy Substrate Materials: ASTM F963-17 Section 4.3.5.2
 - Test Method: 1) To refer to the test method CPSC-CH-E1001-08.3 & CPSC-CH-E1002-08.3, the analysis was performed by AAS/ICP-OES.
 - 2) Samples were extracted in diluted hydrochloric acid in accordance with ASTM F963-17 (CLAUSE 8.3), and the analysis was performed by ICP-OES.

Test Item	: Total Lead (P	b)			
Requirement (mg/kg)	: 100				
Test Item No.	4	7	9#	10#	11#
Test Result (mg/kg)	<10	<10	<10	<10	<10

Took Itom				Solu	uble			
Test Item	Sb	As	Ва	Cd	Cr	Pb	Hg	Se
Requirement (mg/kg)	60	25	1000	75	60	90	60	500
Test Item No.			Adju	sted Soluble	e Result (m	g/kg)		
4	<2	<2	<2	<2	<2	<2	<2	<2
5△	<2	<2	<2	<2	<2		<2	<2
6△	<2	<2	<2	<2	<2		<2	<2
7	<2	<2	<2	<2	<2	<2	<2	<2
8△	<2	<2	<2	<2	<2		<2	<2

Note: 1. < = Less thanmg/kg = part per million = ppm

- 2. \triangle = This(These) material(s) has (have) neither been treated or adulterated with the addition of materials that could result in the addition of lead, no requirement to test the total lead content according to 16 CFR 1500.91(d).
- 3. # = Accessible specimen(s) (glass, metal or ceramic) was (were) not small part, no requirement to test the soluble migrated element according to ASTM F963-17 Section 4.3.5.2(1).





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Test Results:

2. 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: 385 S Lemon Ave#E 294 Walnut, California 91789 USA
 - 3) Date: June 2023
 - 4) Cohort information: 23DC91880F-01
- Tracking labels found on the product:
 - 5) Name: TMALL, INC.
 - 6) Location: 385 S Lemon Ave#E 294 Walnut, California 91789 USA
 - 7) Date: 2023.06
 - 8) Cohort information: 23DC91880F-01





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Test Results:

3. Lead contents: Section 101 of U.S. Consumer Product Safety Improvement Act of 2008 (CPSIA)

Total Lead content in Surface Coating:

Test Method: To refer to the test method CPSC-CH-E1003-09.1, the analysis was performed by AAS/ICP-OES.

Test Item	: Lead (Pb)
Requirement	: 90 mg/kg
MDL	: 10 mg/kg
Test Item No.	1+2+3
Test Result (mg/kg)	ND

Total Lead content in Substrate:

Test Method: To refer to the test method CPSC-CH-E1001-08.3 & CPSC-CH-E1002-08.3, the analysis was performed by AAS/ICP-OES.

Test Item	:	Total Lead (Pb)			
Requirement (mg/kg)	:	100				
MDL	:	10 mg/kg				
Test Item No.		4	7	9	10	11
Test Result (mg/kg)		ND	ND	ND	ND	ND

Note: mg/kg = parts per million = ppm

ND = Not Detected (less than MDL)

MDL = Method Detection Limit





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Test Results:

4. Phthalates contents: Section 108 of U.S. Consumer Product Safety Improvement Act of 2008 (CPSIA) Test Method: To refer to the Standard Operating Procedure for Determination of Phthalate published by CPSC: CPSC-CH-C1001-09.4, the analysis was performed by GC-MS.

Test Item	Test Resu	ult (mg/kg)	MDI (ma/lea)	Requirement	
rest item	1+2+3 4		MDL (mg/kg)	(mg/kg)	
Di-2-ethylhexyl phthalate(DEHP)	ND	ND	30	1000	
Dibutyl phthalate(DBP)	ND	ND	30	1000	
Benzylbutyl phthalate(BBP)	ND	ND	30	1000	
Diisononyl phthalate(DINP)	ND	ND	50	1000	
Diisobutyl phthalate(DIBP)	ND	ND	30	1000	
Di-n-pentyl phthalate(DPENP)	ND	ND	30	1000	
Di-n-hexyl phthalate(DHEXP)	ND	ND	30	1000	
Dicyclohexyl phthalate(DCHP)	ND	ND	30	1000	

Note: mg/kg = part per million = ppm ND = Not Detected (less than MDL) MDL = Method Detection Limit





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Tested Materials:

No.	Description
1	White coating on wood (main body)
2	Transparent coating on wood (holder)
3	Black coating on paper (back sticker)
4	Off-white sticker except coating (back sticker)
5	Grey non-woven fabric (drawer)
6	Pink non-woven fabric (drawer)
7	Brown wood except coating (main body)
8	Natural wood except coating (holder)
9	Silver metal (screw)
10	Silver metal light blue plating (parts)
11	Silver metal light blue plating (screw)

Note: The tested parts were designated by client.





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Sample Photo





















*** End of Report ***





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