

Test Report

Number: SHAH01299205

Applicant: YULA KIDS LLC
3305 NE 40TH ST.
FORT LAUDERDALE, FL 33308
Attn: OMER DAVID

Date: 09 Feb, 2021

Sample Description:

One(1) set of submitted sample said to be :
Item Name : **Zoo-House Animal Puzzle Adventure.**
Item No. : **Y0142,W14A189.**
Quantity : 1 Set.
Labelled Age Group : 36M+.
Packaging Provided By Applicant : Yes.
Buyer : Yula Kids LLC.
Goods Exported To : USA.
Country Of Origin : China.

Tests Conducted:

As requested by the applicant, for details refer to attached page(s).

Conclusion:

Tested Samples	Standard	Result
Submitted Sample	U.S. ASTM F963-17 Physical And Mechanical Tests	Pass
	U.S. ASTM F963-17 Flammability Test of Materials Other Than Textile Materials	Pass
Tested component of submitted sample	U.S. ASTM F963-17 for total Lead content	Pass
	U.S. ASTM F963-17 for soluble elements content in surface coating	Pass
	U.S. ASTM F963-17 section 4.3.5.2(2)(b) for soluble elements content for non-surface coating materials	Pass
Submitted Sample	U.S. CFR Title 16 (CPSC Regulations) Mechanical and Physical Tests	Pass
	U.S. CFR Title 16 (CPSC Regulations) Part 1500.3(c)(6)(vi) Flammability Test On Rigid and Pliable Solids	Pass

To be continued

Authorized By:
Intertek Testing Services Ltd .Zhejiang, Ningbo Branch

Peter Chen
General Manager



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Conclusion:

<u>Tested Samples</u>	<u>Standard</u>	<u>Result</u>
Submitted Sample	Consumer Product Safety Improvement Act (CPSIA) 2008 Section 103 Tracking Labels for Children Products	Pass
Tested Component of Submitted Sample	U.S. Code of Federal Regulations title 16 part 1303 for total Lead content in surface coating	Pass
	U.S. Consumer Product Safety Improvement Act 2008 title I, section 101 for total Lead content in surface coating	Pass
	U.S. Consumer Product Safety Improvement Act 2008 title I, section 101 for total Lead content in non-surface coating materials (substrate)	Pass
	US Consumer Product Safety Improvement Act 2008 Title I, Sec 108(a) & (b)(3) and US 16 CFR Part 1307 for Prohibition of Children's Toys and Child Care Articles Containing Specified Phthalates	Pass
	U.S. CFR title 16(CPSC regulations) Part 1303 total Lead content	Pass

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Tests Conducted

1 Physical and Mechanical Tests

As per ASTM Standard Consumer Safety Specification for Toy Safety F963-17.

Applicant's Specified Age Group for Testing: For ages 3 years and up.

The submitted samples were undergone the use and abuse tests in accordance with the Federal Hazardous Substances Act (FHSA), Title 16, Code of Federal Regulations: -		
<u>Test</u>	<u>FHSA</u>	<u>Parameter</u>
Impact Test	Section 1500.53(b)	4 x 3.0 ft
Torque Test	Section 1500.53(e)	4 in-lbf
Tension Test	Section 1500.53(f)	15 lbf
Compression Test	Section 1500.53(g)	30 lbf

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



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Section	Testing Items	Assessment
4.31	Balloons	NA
4.32	Certain Toys with Nearly Spherical Ends	NA
4.33	Marbles	NA
4.34	Balls	P
4.35	Pompoms	NA
4.36	Hemispheric-Shaped Objects	NA
4.37	Yo Yo Elastic Tether Toys	NA
4.38	Magnets	NA
4.39	Jaw Entrapment in Handles and Steering Wheels	NA
4.40	Expanding Materials	NA
4.41	Toy Chests	NA
5	Labelling Requirement	P
6	Instructional Literature	P
7	Producer's Markings	
	- Name of Producer/Distributor (Package)	Yes
	- Address (Package)	Yes

Remark: The submitted samples were undergone the tests in accordance with Section 8.5 through Section 8.18 and 8.21 through 8.26 on normal use, abuse and specific tests for different types of toys whichever is applicable.

P = Pass

NA = Not Applicable

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Testing Period: 04 Jan, 2021 To 06 Jan, 2021

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Tests Conducted

2 Flammability Test

As per section 4.2 of the ASTM Standard Consumer Safety Specification On Toy Safety F963-17.

Result = Ignited But Self-Extinguished before Burn Rate Could be Determined

Date Sample Received: 04 Jan, 2021

Testing Period: 04 Jan, 2021 To 06 Jan, 2021

3 Total Lead (Pb) Content

As per section 4.3.5 of the ASTM standard consumer safety specification on toy safety F963-17, test method CPSC-CH-E1001-08.3, CPSC-CH-E1002-08.3 or/and CPSC-CH-E1003-09.1 was/were used and total Lead content was determined by Inductively Coupled Argon Plasma Spectrometry.

(I) Surface coating

Tested components	Result in ppm	Limit (ppm)
(1) to (7)	<20	90
(8+9+10)	<20	90
(11)	<20	90

(II) Non-surface coating

Tested components	Result in ppm	Limit (ppm)
(12)	<10	100
(13)	<10	100

Remark: ppm = parts per million = mg/kg

Tested Components: See component list in the last section of this report.

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Tests Conducted

4 Soluble Elements Analysis In Surface Coating

As per section 4.3.5.1(2) of the ASTM standard consumer safety specification on toy safety F963-17, acid extraction method was used and heavy metal elements migration content were determined by Inductively Coupled Argon Plasma Spectrometry.

	Result (ppm)	Limit (ppm)
	(1) to (11)	
Sol. Barium (Ba)	<5	1000
Sol. Lead (Pb)	<5	90
Sol. Cadmium (Cd)	<5	75
Sol. Antimony (Sb)	<5	60
Sol. Selenium (Se)	<5	500
Sol. Chromium (Cr)	<5	60
Sol. Mercury (Hg)	<5	60
Sol. Arsenic (As)	<2.5	25

Remark : Sol. = soluble

ppm = parts per million = mg/kg

Tested components : See component list in the last section of this report.

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5 Soluble Elements Analysis In Non-Surface Coating Materials (Substrate Except Modelling Clay)

As per section 4.3.5.2(2)(b) of the ASTM standard consumer safety specification on toy safety F963-17, acid extraction method was used and heavy metal elements migration content were determined by Inductively Coupled Argon Plasma Spectrometry.

	Result (ppm)		Limit (ppm)
	(12)	(13)	
Sol. Barium (Ba)	<5	<5	1000
Sol. Lead (Pb)	<5	<5	90
Sol. Cadmium (Cd)	<5	<5	75
Sol. Antimony (Sb)	<5	<5	60
Sol. Selenium (Se)	<5	<5	500
Sol. Chromium (Cr)	<5	<5	60
Sol. Mercury (Hg)	<5	<5	60
Sol. Arsenic (As)	<2.5	<2.5	25

Remark: Sol. = soluble
ppm = parts per million = mg/kg

Tested components: See component list in the last section of this report.

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Testing Period: 04 Jan, 2021 To 05 Jan, 2021

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Tests Conducted

6 Physical and Mechanical Test

As per U.S. Code of Federal Regulations title 16 Part 1500.50, the hazards of sharp points, sharp edge and small parts are assessed both before and after applicable use and abuse tests.

Applicant's Specified Age Group for Testing: For ages 3 years and up

	<u>No. of Sample Tested</u>	<u>Sharp Point</u> (1500.48)	<u>Sharp Edge</u> (1500.49)	<u>Small Part</u> (1501)
As Received	1	P	NA	NA
Impact (1500.53 (b))	1	P	NA	NA
Flexure (1500.53 (d))	0	NA	NA	NA
Torque (1500.53 (e))	1	P	NA	NA
Tension (1500.53 (f))	1	P	NA	NA
Compression (1500.53 (g))	1	P	NA	NA

Remark: P = Pass
NA = Not Applicable

Date Sample Received: 04 Jan, 2021
Testing Period: 04 Jan, 2021 To 06 Jan, 2021

7 Flammability Test

As per U.S. Code of Federal Regulations title 16 Part 1500.44 for rigid and pliable solids.

Result = Ignited but Self-Extinguished before Burn Rate Could be Determined

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Tests Conducted

8 Tracking Label Assessment

As per Consumer Product Safety Improvement Act (CPSIA) 2008 Section 103 Tracking Labels For Children Products.

Tracking Label Found on the Packaging:

Yula Kids LLC
WENZHOU,ZHEJIANG CHINA
DEC.2020
220D0930

(Remark: The applicant certified that above tracking label information should be labeled on the packaging)

Tracking Label Found on the Product:

Yula Kids LLC
WENZHOU,ZHEJIANG CHINA
DEC.2020
220D0930

(Remark: The applicant certified that above tracking label information should be labeled on the product)

Note: The tracking label assessment was based on the submitted sample and the information provided by the applicant. There was no verification on the validity of such information.

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Testing Period: 04 Jan, 2021 To 14 Jan, 2021

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9 Total Lead (Pb) Content In Surface Coating

As per standard operating procedure for determining Lead (Pb) in paint and other similar surface coatings (April 26, 2009), test method CPSC-CH-E1003-09.1 was used and total Lead content was determined by Inductively Coupled Argon Plasma Spectrometry.

Tested Components	Result (ppm)	Limit (ppm)
(1) to (7)	<20	90
(8+9+10)	<20	90
(11)	<20	90

The limit was quoted according to U.S. Code of Federal Regulations title 16 part 1303 and U.S. Consumer Product Safety Improvement Act 2008 title I, section 101 for total Lead content in surface coating.

Remark: ppm = Parts per million = mg/kg

Tested Components: See component list in the last section of this report.

Date Sample Received: 04 Jan, 2021

Testing Period: 04 Jan, 2021 To 05 Feb, 2021

10 Total Lead (Pb) Content In Non-Surface Coating Materials (Substrate)

As per standard operating procedures for determining total Lead (Pb) in children's products, test method(s) CPSC-CH-E1002-08.3 and/or CPSC-CH-E1001-08.3 was/were used and total Lead content was determined by Inductively Coupled Argon Plasma Spectrometry.

Tested Components	Result (ppm)	Limit (ppm)
(12)	<10	100
(13)	<10	100

The limit was quoted according to U.S. Consumer Product Safety Improvement Act 2008 title I, section 101 for total Lead content in non-surface coating materials (substrate).

Remark: ppm = Parts per million = mg/kg

Tested Components: See component list in the last section of this report.

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11 Phthalate Content

With reference to CPSC-CH-C1001-09.4, by Gas Chromatographic-Mass Spectrometric (GC-MS) analysis.

Test item	Result (%)			Limit (%) (Max.)
	(1)to(7)	(8+9+10)	(11)to(13)	
Dibutyl phthalate (DBP)	ND	ND	ND	0.1
Di-(2-ethylhexyl) phthalate (DEHP)	ND	ND	ND	0.1
Benzyl butyl phthalate (BBP)	ND	ND	ND	0.1
Diisononyl phthalate (DINP)	ND	ND	ND	0.1
Diisobutyl phthalate (DIBP)	ND	ND	ND	0.1
Di-n-pentyl phthalate (DPENP)	ND	ND	ND	0.1
Di-n-hexyl phthalate (DHEXP)	ND	ND	ND	0.1
Dicyclohexyl phthalate (DCHP)	ND	ND	ND	0.1

The above limit was quoted according to 16 CFR part 1307 approved by U.S. Consumer Product Safety Commission (CPSC) for prohibition of children's toys and child care articles containing specified phthalates.

Remark: ND = Not Detected
 Detection Limit = 0.01%

Tested Component(s): See component list in the last section of this report.

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12 Total Lead (Pb) Content

As per U.S. Code of Federal Regulations title 16 part 1303, acid digestion method was used and total Lead content was determined by Inductively Coupled Argon Plasma Spectrometry.

<u>Tested components</u>	<u>Result (%)</u>	<u>Limit (%)</u>
(1) to (7)	<0.002	0.009
(8+9+10)	<0.002	0.009
(11)	<0.002	0.009

The limit was quoted according to CPSC Regulation CFR title 16 Part 1303 for Lead (Pb) content.

Remark: % = Percentage based on dry weight of testing sample

Tested Components: See component list in the last section of this report.

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Components:

- (1) Varnish coating on wood.
- (2) Red coating on wood.
- (3) Orange coating on wood.
- (4) Light green coating on wood.
- (5) Green coating on wood.
- (6) Black coating on wood.
- (7) White coating on wood.
- (8) Pink coating on wood.
- (9) Dark cyan coating on wood.
- (10) Royal blue coating on wood.
- (11) Sky blue coating on wood.
- (12) Brown MDF board.
- (13) Natural color plywood.
- (14) Natural color wood.

End of report

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