

**Test Report**

Number: SHAH01398274

Applicant: HAPE INTERNATIONAL (NINGBO) LTD.  
HAPPY ARTS & CRAFTS (NINGBO) CO.,LTD  
9-27 NANHAI ROAD, DAGANG INDUSTRIAL CITY  
BEILUN, NINGBO, ZHEJIANG, CHINA.  
Attn: DORIS

Date: 23 Nov, 2021

Sample Description:

One(1) set of submitted sample said to be :  
Item Name : Pull Along Car / Pull-Along Frog Family.  
Item No. : E0366, E0366A / E0365, E0365A.  
Quantity : 1 Set.  
Labelled Age Group : 12M+.  
Packaging Provided By Applicant : YES(Artwork).  
Goods Exported To : Global.  
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(s) of submitted sample	U.S. ASTM F963-17 for total Lead content in surface coating	Pass
	U.S. ASTM F963-17 for total Lead content in non-surface coating	Pass

To be continued

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



Peter Chen  
General Manager



**Test Report**

Number: SHAH01398274

Conclusion:

<u>Tested samples</u>	<u>Standard</u>	<u>Result</u>
Tested component(s) of submitted sample	U.S. ASTM F963-17 section 4.3.5.2(2)(b) for soluble elements content for non-surface coating materials	Pass
	U.S. ASTM F963-17 for soluble elements content in surface coating	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
	Consumer Product Safety Improvement Act (CPSIA) 2008 Section 103 Tracking Labels for Children Products	Pass
Tested component(s) of submitted sample	U.S. CFR title 16(CPSC regulations) Part 1303 total Lead content	Pass
	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

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To be continued

Authorized By:  
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General Manager



## Test Report

Number: SHAH01398274

### 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 12 months 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: -

Test	FHSA	Parameter
Impact Test	Section 1500.51(b)	10 x 4.5 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

Section	Testing Items	Assessment
4.1	Material Quality	P
4.5	Sound-Producing Toys	P
4.6.1	Toys Intended for Children under 36 Months (Small Objects)	P
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	P
4.9	Accessible Points	P
4.10	Wires Or Rods	NA
4.11	Nails And Fasteners	P
4.12	Plastic Film	NA
4.13	Folding Mechanisms and Hinges	NA
4.14	Cords, Straps, and Elastics	P
4.15	Stability and Over-Load Requirements	NA
4.16	Confined Spaces	NA
4.17	Wheels, Tires and Axles	P
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



**Test Report**

Number: SHAH01398274

Tests Conducted

Section	Testing Items	Assessment
4.31	Balloons	NA
4.32	Certain Toys with Nearly Spherical Ends	NA
4.33	Marbles	NA
4.34	Balls	NA
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 (Toy& Artwork of packaging)	YES
	- Address(Toy& Artwork of packaging)	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

Date Sample Received: 28 Oct, 2021

Testing Period: 28 Oct, 2021 To 05 Nov, 2021

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To be continued



**Test Report**

Number: SHAH01398274

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: 28 Oct, 2021  
Testing Period: 28 Oct, 2021 To 05 Nov, 2021

3 Total Lead (Pb) Content for Coating

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

Tested component	Result in ppm	Limit (ppm)
(1)to(16)	<20	90

Remark: ppm = parts per million = mg/kg

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

Date Sample Received: 28 Oct, 2021  
Testing Period: 28 Oct, 2021 To 17 Nov, 2021

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To be continued



**Test Report**

Number: SHAH01398274

Tests Conducted

4 Total Lead (Pb) Content for Non-surface Coating

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 or/and CPSC-CH-E1002-08.3, was/were used and total Lead content was determined by Inductively Coupled Argon Plasma Spectrometry.

Tested component	Result in ppm	Limit (ppm)
(17)to(26)	<10	100
(29)	<10	100
(30)	<10	100

Remark: ppm = parts per million = mg/kg

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

Date Sample Received: 28 Oct, 2021  
 Testing Period: 28 Oct, 2021 To 17 Nov, 2021

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)
	(17)to(29)	
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.

Date Sample Received: 28 Oct, 2021  
 Testing Period: 28 Oct, 2021 To 17 Nov, 2021

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 To be continued



**Test Report**

Number: SHAH01398274

Tests Conducted

6 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(16)	
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.

Date Sample Received: 28 Oct, 2021  
Testing Period: 28 Oct, 2021 To 17 Nov, 2021

7 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 12 months and up

	No. of Sample Tested	Sharp Point (1500.48)	Sharp Edge (1500.49)	Small Part (1501)
As Received	1	P	P	P
Impact (1500.51 (b))	1	P	P	P
Flexure (1500.53 (d))	0	NA	NA	NA
Torque (1500.53 (e))	1	P	P	P
Tension (1500.53 (f))	1	P	P	P
Compression (1500.53 (g))	1	P	P	P

Remark: P = Pass  
NA = Not Applicable

Date Sample Received: 28 Oct, 2021  
Testing Period: 28 Oct, 2021 To 05 Nov, 2021

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To be continued



**Test Report**

Number: SHAH01398274

Tests Conducted

8 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

Date Sample Received: Oct 28, 2021 28 Oct, 2021

Testing Period: 28 Oct, 2021 Oct 28, 2021 To Nov 05 , 2021

9 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:

P2122402486 NBCN 08/2021

P2122400489 NBCN 09/2021

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

Tracking Label Found on the Product:

P2122402486 NBCN 08/2021

P2122400489 NBCN 09/2021

(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.

Date Sample Received: 28 Oct, 2021

Testing Period: 28 Oct, 2021 To 17 Nov, 2021

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To be continued





**Test Report**

Number: SHAH01398274

Tests Conducted

10 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 component</u>	<u>Result (%)</u>	<u>Limit (%)</u>
(1)to(16)	<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.

Date Sample Received: 28 Oct, 2021  
Testing Period: 28 Oct, 2021 To 17 Nov, 2021

11 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.

<u>Tested Component</u>	<u>Result (ppm)</u>	<u>Limit (ppm)</u>
(1)to(16)	<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: 28 Oct, 2021  
Testing Period: 28 Oct, 2021 To 17 Nov, 2021

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To be continued



**Test Report**

Number: SHAH01398274

Tests Conducted

12 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.

<u>Tested Component</u>	<u>Result (ppm)</u>	<u>Limit (ppm)</u>
(17)to(26)	<10	100
(29)	<10	100
(30)	<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.

Date Sample Received: 28 Oct, 2021

Testing Period: 28 Oct, 2021 To 17 Nov, 2021

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To be continued



**Test Report**

Number: SHAH01398274

Tests Conducted



To be continued



**Test Report**

Number: SHAH01398274

Tests Conducted



To be continued



## Test Report

Number: SHAH01398274

### Tests Conducted

#### Components:

- (1) White coating on wood(cat/frog).
- (2) Varnish coating on wood(cat).
- (3) Cyan coating on wood(cat).
- (4) Black coating on wood(cat/frog).
- (5) Orange coating on wood(nose, cat).<10mg
- (6) Dark orange coating on wood(wheel, cat).
- (7) Red coating on wood(ball, cat).
- (8) Pale salmon coating on wood(ball, cat).
- (9) Salmon coating on wood(ball, cat).
- (10) Dark salmon coating on wood(ball, cat).
- (11) Grass green coating on wood(feet, frog).
- (12) Light orange coating on wood(wheel, frog).
- (13) Green coating on wood(body/wheel, frog).
- (14) Dark green coating on wood(body, frog).
- (15) Dark grey coating on wood(wheel, tadpole).
- (16) Grey coating on wood(body, tadpole).
- (17) Green plastic with white printing.
- (18) Green plastic with black printing.
- (19) Green plastic with red printing.
- (20) Green plastic with dark green printing.
- (21) Cream rubber(tail, cat).
- (22) Green rubber(frog).
- (23) Green ABS plastic(head, frog).
- (24) Beige POM plastic(wheel, frog).
- (25) Black TPE plastic(wheel, cat/frog).
- (26) Semitransparent soft plastic(wheel, cat).
- (27) White rope(cat).
- (28) Green rope(frog).
- (29) Natural color plywood.
- (30) Silver metal(screw).

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End of report

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