

Number : WUXH00083193

Applicant : JIAXING HARLEY BABY CAR CO.,LTD
NO.123, JINSHA ROAD, XINCANG TOWN,
PINGHU CITY, ZHEJIANG PROVINCE,CHINA
Attn : ZHANG HUA

Date : Mar 22, 2019

Sample Description:

One (1) Piece Of Submitted Sample Said To Be :
Item Name : Children Car.
Item No. : HL318.
Labelled Age Group : Ages 3+.
Packaging Provided By Applicant : Yes(Artwork).
Country Of Origin : China.

Tests Conducted:

As Requested By The Applicant, For Details Refer To Attached Page(s).

Prepared And Checked By:
For Intertek Testing Services Wuxi Ltd.



Hobo Li
Manager



Conclusion:

<u>Tested Samples</u>	<u>Standard</u>	<u>Result</u>
Submitted Sample	U.S. ASTM F963-17 For Physical And Mechanical Tests Excluding Section 4.25, 5.15, 6.5, 6.6 & 7.2	Pass
Submitted Sample	U.S. ASTM F963-17 For Flammability Test Of Materials Other Than Textile Materials	Pass
Tested Components (1-9)、(13-26)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
Tested Components (10-12) Of Submitted Sample	U.S. ASTM F963-17 for soluble elements content in surface coating	Pass
Tested Components Of Submitted Sample	U.S. ASTM F963-17 for total Lead content	Pass

Prepared And Checked By:
For Intertek Testing Services Wuxi Ltd.



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Manager



Tests Conducted (As Requested By The Applicant)

1 Physical And Mechanical Tests

As Per The ASTM Standard Consumer Safety Specification For Toy Safety F963-17.

Applicant's Specified Age Group For Testing : For 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
Tip Over Test	Section 1500.53(b)	3 Times
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 (Visual Check On Cleanliness)	P
4.5	Sound-Producing Toys	P
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	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	P
4.14	Cords And Elastics In Toys	NA
4.15	Stability And Over-Load Requirements	P
4.16	Confined Spaces	NA
4.17	Wheels, Tires And Axles	P
4.18	Holes, Clearance, And Accessibility Of Mechanisms	P
4.19	Simulated Protective Devices Such As Helmets, Hats, And Goggles	NA
4.20	Pacifiers	NA
4.21	Projectile Toys	NA



Tests Conducted (As Requested By The Applicant)

Section	Testing Items	Assessment
4.22	Teethers And Teething Toys	NA
4.23	Rattles	NA
4.24	Squeeze Toys	NA
4.25	Battery-Operated Toys	NR#
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
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	Yoyo 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#
7.1	Producer's Markings - Name Of Producer/Distributor (Toy/Package) - Address (Toy/Package)	No No
7.3	Toy Chests - Name of Manufacturer/Distributor/Seller (Toy) - Address (City, State And Zip Code) of Manufacturer/Distributor/Seller (Toy) - Date Code (Toy And Package/Shipping Container)	NA

Remark: P = Pass NR=Not Requested NA = Not applicable



Tests Conducted (As Requested By The Applicant)

The Submitted Samples Were Undergone The Tests In Accordance With Section 8.5 Through Section 8.18 And 8.20 Through 8.26 On Normal Use, Abuse And Specific Tests For Different Types Of Toys Whichever Is Applicable.

The Final Product Or Its Packaging Must Be Marked With The Name And Address Of The Producer Or Distributor As Specified In Section 7.1 Of U.S. ASTM F963-17.

= As applicant's request, section 4.25, 5.15, 6.5, 6.6, 7.2 for Battery-operated Toys were not assessed.

Date Sample Received: Mar 07, 2019
 Testing Period: Mar 07, 2019 To Mar 22, 2019

2 Flammability Test

As Per Section 4.2 Of The ASTM Standard Consumer Safety Specification For Toy Safety F963-17, The Sample Was Tested According To Annex A5 Flammability Testing Procedure For Solids And Soft Toys.

Results: Did Not Ignite.

Date Sample Received: Mar 07, 2019
 Testing Period: Mar 07, 2019 To Mar 22, 2019

3 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.

	<u>Result (ppm)</u>								<u>Limit</u>
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	<u>(ppm)</u>
Sol. Barium (Ba)	<5	<5	<5	<5	<5	<5	<5	<5	1000
Sol. Lead (Pb)	<5	<5	<5	<5	<5	<5	<5	<5	90
Sol. Cadmium (Cd)	<5	<5	<5	<5	<5	<5	<5	<5	75
Sol. Antimony (Sb)	<5	<5	<5	<5	<5	<5	<5	<5	60
Sol. Selenium (Se)	<5	<5	<5	<5	<5	<5	<5	<5	500
Sol. Chromium (Cr)	<5	<5	<5	<5	<5	<5	<5	<5	60
Sol. Mercury (Hg)	<5	<5	<5	<5	<5	<5	<5	<5	60
Sol. Arsenic (As)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	25



Tests Conducted (As Requested By The Applicant)

	<u>Result (ppm)</u>								<u>Limit (ppm)</u>
	(9)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	
Sol. Barium (Ba)	<5	<5	<5	12	<5	<5	<5	<5	1000
Sol. Lead (Pb)	<5	<5	<5	<5	<5	<5	<5	<5	90
Sol. Cadmium (Cd)	<5	<5	<5	<5	<5	<5	<5	<5	75
Sol. Antimony (Sb)	<5	<5	<5	<5	<5	<5	<5	<5	60
Sol. Selenium (Se)	<5	<5	<5	<5	<5	<5	<5	<5	500
Sol. Chromium (Cr)	<5	<5	<5	<5	<5	<5	<5	<5	60
Sol. Mercury (Hg)	<5	<5	<5	<5	<5	<5	<5	<5	60
Sol. Arsenic (As)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	25

	<u>Result (ppm)</u>							<u>Limit (ppm)</u>
	(20)	(21)	(22)	(23)	(24)	(25)	(26)	
Sol. Barium (Ba)	<5	<5	<5	<5	<5	<5	<5	1000
Sol. Lead (Pb)	<5	<5	<5	<5	<5	<5	<5	90
Sol. Cadmium (Cd)	<5	<5	<5	<5	<5	<5	<5	75
Sol. Antimony (Sb)	<5	<5	<5	<5	<5	<5	<5	60
Sol. Selenium (Se)	<5	<5	<5	<5	<5	<5	<5	500
Sol. Chromium (Cr)	<5	<5	<5	<5	<5	<5	<5	60
Sol. Mercury (Hg)	<5	<5	<5	<5	<5	<5	<5	60
Sol. Arsenic (As)	<2.5	<2.5	<2.5	<2.5	<2.5	<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.

Date Sample Received: Mar 07, 2019
Testing Period: Mar 07, 2019 To Mar 22, 2019



Tests Conducted (As Requested By The Applicant)

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.

	<u>Result (ppm)</u>			<u>Limit (ppm)</u>
	(10)	(11)	(12)	
Sol. Barium (Ba)	<5	<5	<5	1000
Sol. Lead (Pb)	<5	<5	<5	90
Sol. Cadmium (Cd)	<5	<5	<5	75
Sol. Antimony (Sb)	<5	<5	<5	60
Sol. Selenium (Se)	<5	<5	<5	500
Sol. Chromium (Cr)	<5	<5	<5	60
Sol. Mercury (Hg)	<5	<5	<5	60
Sol. Arsenic (As)	<2.5	<2.5	<2.5	25

Remark: Sol. = soluble

ppm = parts per million = mg/kg

Date Sample Received: Mar 07, 2019

Testing Period: Mar 07, 2019 To Mar 22, 2019



Tests Conducted (As Requested By The Applicant)

5 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

<u>Tested component</u>	<u>Result in ppm</u>	<u>Limit (ppm)</u>
(10)	<20	90
(11+12)	<20	90

(II) Non-surface coating

<u>Tested Component</u>	<u>Result in ppm</u>	<u>Limit (ppm)</u>
(1+2+3)	<10	100
(4+5+6)	<10	100
(7+9)	<10	100
(8)	16	100
(13+14+15)	<10	100
(16)	<10	100
(17)	<10	100
(18)	<10	100
(19)	<10	100
(20)	<10	100
(21)	55	100
(22)	<10	100
(23)	<10	100
(24)	<10	100
(25)	<10	100
(26)	<10	100

Remark: ppm = parts per million = mg/kg

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

Date Sample Received: Mar 07, 2019

Testing Period: Mar 07, 2019 To Mar 22, 2019



Tests Conducted (As Requested By The Applicant)

Photo



Tests Conducted (As Requested By The Applicant)

Components List:

- (1) Pink Plastic(All On Body).
- (2) Light Orange Plastic(All On Body).
- (3) Black Plastic(All On Body).
- (4) Dark Coffee Transparent Plastic(Front Window).
- (5) White Transparent Plastic(Front Light).
- (6) Red Transparent Plastic(Tail Light).
- (7) White Plastic(Under Steering Wheel/Box Beside Wheel).
- (8) Black Rubber On Wheel.
- (9) Pale Grey Plastic On Wheel.
- (10) Black Coating On Steel(Undercarriage Support).
- (11) Bright Silver Color Coating On Plastic(Body).
- (12) Dull Silver Color Coating On Plastic(Body).
- (13) Black Plastic(Button Of Remote Control).
- (14) White Plastic(Remote Control).
- (15) Black Plastic(Adapter Body).
- (16) Black/Grey Plastic Cover Of Adapter Electric Wire.
- (17) Red Transparent Plastic With White Printing(Button).
- (18) Dull Red Plastic With White Printing(Button).
- (19) White Plastic Excluding Coating.
- (20) Black Plastic Excluding Coating.
- (21) Silver Metal With Red Coating(Front Logo).
- (22) White Sticky Foam Behind Logo.
- (23) White/Black Sticker(Chion On Tail).
- (24) Multi Color Sticker On MP3/Instrument Panel.
- (25) Silver Soft Plastic Sticker(Logo On Steering Wheel/Seat Back).
- (26) White Sticker(Rearview Mirror).

End of Report

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