

Test Report

Number: SHAH01458584

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

Date: 27 Jun, 2022

Sample Description:

One (1) piece of submitted sample said to be :
Item Name : CHILDREN CAR.
Item No. : HL568,HL578.
Labelled Age Group : 3+ Years
Packaging Provided By Applicant : Yes
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.



Peter Chen
General Manager



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Conclusion:

<u>Tested Sample</u>	<u>Standard</u>	<u>Result</u>
Submitted Sample	U.S. CFR Title 16 (CPSC Regulations) Mechanical and Physical Tests	Pass
Submitted Sample	U.S. CFR Title 16 (CPSC Regulations) Part 1500.3(c)(6)(vi) Flammability Test On Rigid and Pliable Solids	Pass
Submitted Sample	U.S. CFR Title 16 (CPSC Regulations) Part 1303 total Lead content	Not Applicable
Tested Components Of Submitted Sample	Illinois Lead Poisoning Prevention Act 410 ILCS 45 section 6 (Public Act 095-1019)	Pass
Submitted Sample	Canada Consumer Product Safety Act Toys Regulations SOR/2011-17 with amendments SOR/2016-195, SOR/2016-302 and SOR/2018-138 - Mechanical and Physical test	Pass
Submitted Sample	Canada Consumer Product Safety Act Toys Regulations SOR/2011-17 section 21 with amendments SOR/2016-195, SOR/2016-302 and SOR/2018-138 - Cellulose Nitrate and Celluloid	Pass
Submitted Sample	Canada Consumer Product Safety Act Toys Regulations SOR/2011-17 with Amendments SOR/2016-195, SOR/2016-302 and SOR/2018-138 Section 32 / 33 / 34 for Flammability Test	Not Applicable
Submitted Sample	Canada Consumer Product Safety Act Toys Regulation SOR/2011-17 section 23 and amendments SOR/2016-195 for toxic elements test	Not Applicable
Submitted Sample	Canada Consumer Product Safety Act Toys Regulation SOR/2011-17 Section 27(3)(a)&(b) for accessible plastic material in toys for children under 3 years of age	Not Applicable
Tested Components Of Submitted Sample	Canada Consumer Products Containing Lead Regulations SOR/2018-83	Pass
Tested Components Of Submitted Sample	Phthalates content requirement in Canada Consumer Product Safety Act Phthalates Regulation SOR/2016-188	Pass
Submitted Sample	Canada Consumer Product Safety Act Surface Coating Regulations SOR/2016-193 Section 6 (surface coating materials for furniture and other articles for children) for Total Lead Content Test	Not Applicable

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General Manager



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Tests Conducted

1 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: Over 3 years

	<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	2	P	P	NA
Impact (1500.53 (b))	2	P	P	NA
Flexure (1500.53(d))	2	P	P	NA
Torque (1500.53(e))	2	P	P	NA
Tension (1500.53(f))	2	P	P	NA
Compression (1500.53(g))	2	P	P	NA

Remark: P = Pass
NA = Not Applicable

Date Sample Received: 20 May, 2022

Testing Period: 20 May, 2022 To 28 May, 2022

2 Flammability Test

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

Result = Did Not Ignite

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3 **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>Result (%)</u>	<u>Limit (%)</u>
N/A	0.009

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

Remark: N/A=Not Applicable

: Since no scrapable surface coating was found on the submitted sample(s), the testing scope of 16 CFR part 1303 was not applicable to the submitted sample(s).

Date Sample Received: 20 May, 2022

Testing Period: 20 May, 2022 To 24 Jun, 2022

4 **Total Lead (Pb) Content**

As per Illinois Lead Poisoning Prevention Act 410 ILCS 45 section 6 (Public Act 095-1019), acid digestion method was used and total Lead content was determined by Inductively Coupled Argon Plasma Spectrometry.

<u>Tested Component</u>	<u>Result in %</u>
(1+2+3)	<0.001
(4+5+6)	<0.001
(7+8+10)	<0.001
(11+15+16)	<0.001
(9)	<0.001
(12)	<0.001
(13)	<0.001
(14)	<0.001
(17)	<0.001
(18)	<0.001
(19+20)	<0.001
(21+22)	<0.001

Requirement:

The total Lead content shall not exceed 0.009% for surface coating and 0.01% for non-surface coating material (substrate) in accordance with the Consumer Product Safety Improvement Act of 2008 (CPSIA).

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

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5 **Physical and Mechanical Test**

Test Standard: Canada Consumer Product Safety Act Toys Regulations SOR/2011-17 with amendments SOR/2016-195, SOR/2016-302 and SOR/2018-138.

Applicant specified age group for testing: Over 3 years

The submitted samples were undergone the use and abuse tests in accordance with Canada Consumer Product Safety Act Toys Regulations SOR/2011-17 with amendments SOR/2016-195, SOR/2016-302 and SOR/2018-138.

<u>Test</u>	<u>Parameter</u>
Pull test	42.5±2 N
Push test	42.5±2 N

No.	Testing Items	Assessment
3	General - English and French bilingual statement	NA
4	Packaging	
	(a) The opening perimeter is less than 14 inches	NA
	(b) The opening perimeter is more than 14 inches	NA
	<u>Electrical hazard</u>	
5	Electrically operated toys	NA
6	Electrically heated toys	NA
	<u>Mechanical hazard</u>	
7	Small parts	NA
8	Metal edges	P
9	Wire frames	P
10	Plastic edges	P
11	Wooden surfaces, edges and corners	NA
12	Glass	NA
13	Fasteners	P
14	Folding mechanism, bracket or bracing	NA
15	Spring-wound driving mechanisms	NA
16	Projectile components	NA
17	Toys which a child can enter and which can be closed by a lid or door	NA
18	Stationary toy that is intended to bear the weight of a child	P
	<u>Auditory hazards</u>	
19	Noise limit	P
	<u>Thermal hazards</u>	
20	Heated surfaces, parts or substances	P
	<u>Dolls, plush toys and soft toys</u>	
28	Fastenings to attach parts, clothing or ornamentation	NA
29	Stuffing materials	
	(a) Clean and free from vermin	NA
	(b) Free from hard and sharp foreign matter	NA
30	Small parts -Squeaker, reed, valve or other similar device	NA



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No.	Testing Items	Assessment
31	Eyes and noses	NA
	<u>Plant seeds</u>	
35	Plant seeds for making noise	NA
36	Plant seeds for stuffing material	NA
37	Shaft-like handle	NA
38	Toy steam engines boilers	NA
39	Finger paints	NA
40	Rattle	NA
41	Elastics	NA
42	Yo-yo type balls	
	(a) Stretchable cords	NA
	(b) Similar product	NA
43	Magnetic force	NA
44	Warning of magnetic toys	NA

Remark: P = Pass NA = Not Applicable

Date sample received: 20 May, 2022

Testing period: 20 May, 2022 to 28 May, 2022

6 Cellulose Nitrate and Celluloid

Test Standard: Canada Consumer Product Safety Act Toys Regulations SOR/2011-17 section 21 with amendments
SOR/2016-195, SOR/2016-302.and SOR/2018-138

Cellulose Nitrate/Celluloid	<u>Assessment</u> Absent	<u>Requirement</u> Absent
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7 Flammability Test

As per Canada Consumer Product Safety Act Toys Regulations SOR/2011-17 with Amendments SOR/2016-195, SOR/2016-302 and SOR/2018-138 Section 32 / 33 / 34.

Result: Not Applicable

Date Sample Received : 20 May, 2022

Testing Period : 20 May, 2022 to 28 May, 2022

8 Toxic Elements Analysis

As per method C02.2, C07 and C03, published in Health Canada Product safety reference manual Book 5 - Laboratory Policies and Procedures Part B: test methods section, by acid digestion and extraction methods were used and toxic elements content were determined by Inductively Coupled Argon Plasma Spectrometry.

	<u>Result (mg/kg)</u>	<u>Limit (mg/kg)</u>
Tot. Lead (Pb)	N/A	90
Tot. Mercury (Hg)	N/A	ND
Sol. Cadmium (Cd)	N/A	1000
Sol. Antimony (Sb)	N/A	1000
Sol. Selenium (Se)	N/A	1000
Sol. Arsenic (As)	N/A	1000
Sol. Barium (Ba)	N/A	1000

Remark: mg/kg = Milligram per kilogram

Tot. = Total

Sol. = Soluble

ND = Not detected (<0.047 mg/kg)

N/A=Not Applicable

Remark: #Since no scrapable surface coating was found on the submitted sample , the testing scope of Canada Consumer Product Safety Act Toys Regulation SOR/2011-17 section 23 and amendments SOR/2016-195 was not applicable to the submitted sample.

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9 Toxic Elements Analysis

As per Canada Consumer Product Safety Act Toys Regulation SOR/2011-17 Section 27(3)(a)&(b), by acid digestion and extraction methods were used and toxic elements content were determined by Inductively Coupled Argon Plasma Spectrometry.

	<u>Result (mg/kg)</u>	<u>Limit (mg/kg)</u>
Tot. Lead (Pb)	N/A	90
Sol. Barium (Ba)	N/A	1000
Sol. Mercury (Hg)	N/A	60
Sol. Cadmium (Cd)	N/A	75
Sol. Antimony (Sb)	N/A	60
Sol. Chromium (Cr)	N/A	60
Sol. Selenium (Se)	N/A	500
Sol. Arsenic (As)	N/A	25

Remark: mg/kg = Milligram per kilogram

Tot. = Total

Sol. = Soluble

N/A=Not Applicable

Date Sample Received : 20 May, 2022

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10 Total Lead (Pb) content

As per method C02.2, C02.3 and C02.4, published in Health Canada Product safety reference manual Book 5 - Laboratory Policies and Procedures Part B: test methods section, acid digestion was used and Total Lead content was determined by Inductively Coupled Argon Plasma Spectrometry.

<u>Tested Component</u>	<u>Result (mg/kg)</u>	<u>Requirement (mg/kg)</u>
(1+2+3)	ND	90
(4+5+6)	ND	90
(7+8+10)	ND	90
(11+15+16)	ND	90
(9)	ND	90
(12)	ND	90
(13)	ND	90
(14)	ND	90
(17)	ND	90
(18)	ND	90
(19+20)	ND	90
(21+22)	ND	90

Remark: The above limit was quoted according to Canada Consumer Products Containing Lead Regulations SOR/2018-83.

Reporting Limit = 10 mg/kg

ND=Not Detected



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

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11 Phthalate Content Test

With reference to method CPSC-CH-C1001-09.3 and followed by solvent extraction and Gas Chromatography-Mass Spectrometry (GC-MS) analysis

Tested Compound	Result (mg/kg)			Limit(mg/kg) (Max.)
	(1+2+3)	(4+5+6)	(7+8+10)	
Di-butyl phthalate (DBP)	ND	ND	ND	1000
Di(2-ethyl hexyl) phthalate(DEHP)	ND	ND	ND	1000
Benzyl butyl phthalate (BBP)	ND	ND	ND	1000
Di-iso-nonyl phthalate (DINP)	ND	ND	ND	1000
Di-n-octyl phthalate (DNOP)	ND	ND	ND	1000
Di-iso-decyl phthalate (DIDP)	ND	ND	ND	1000

Tested Compound	Result (mg/kg)			Limit(mg/kg) (Max.)
	(11+15+16)	(9)	(12)	
Di-butyl phthalate (DBP)	ND	ND	ND	1000
Di(2-ethyl hexyl) phthalate(DEHP)	ND	ND	ND	1000
Benzyl butyl phthalate (BBP)	ND	ND	ND	1000
Di-iso-nonyl phthalate (DINP)	ND	ND	ND	1000
Di-n-octyl phthalate (DNOP)	ND	ND	ND	1000
Di-iso-decyl phthalate (DIDP)	ND	ND	ND	1000

Tested Compound	Result (mg/kg)			Limit(mg/kg) (Max.)
	(13)	(14)	(17)	
Di-butyl phthalate (DBP)	ND	ND	ND	1000
Di(2-ethyl hexyl) phthalate(DEHP)	ND	ND	ND	1000
Benzyl butyl phthalate (BBP)	ND	ND	ND	1000
Di-iso-nonyl phthalate (DINP)	ND	ND	ND	1000
Di-n-octyl phthalate (DNOP)	ND	ND	ND	1000
Di-iso-decyl phthalate (DIDP)	ND	ND	ND	1000

Tested Compound	Result (mg/kg)			Limit(mg/kg) (Max.)
	(18)	(19+20)	(21+22)	
Di-butyl phthalate (DBP)	ND	ND	ND	1000
Di(2-ethyl hexyl) phthalate(DEHP)	ND	ND	ND	1000
Benzyl butyl phthalate (BBP)	ND	ND	ND	1000
Di-iso-nonyl phthalate (DINP)	ND	ND	ND	1000
Di-n-octyl phthalate (DNOP)	ND	ND	ND	1000
Di-iso-decyl phthalate (DIDP)	ND	ND	ND	1000



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Remark: The above limit was quoted according to Canada Consumer Product Safety Act Phthalates Regulation SOR/2016-188 for phthalate content on toys and child care articles.

Detection Limit = 100mg/kg
ND = Not Detected

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

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Testing Period: 20 May, 2022 To 24 Jun, 2022

12 **Total Lead (Pb) Content**

(surface coating materials for furniture and other articles for children)

As per Canada Consumer Product Safety Act Surface Coating Regulations SOR/2016-193 Section 6, acid digestion method was used and total Lead content was determined by Inductively Coupled Argon Plasma Spectrometry.

Result (mg/kg)
N/A

Limit (mg/kg)
90

Remark : mg/kg = Milligram per kilogram
N/A=Not Applicable

Remark : Since no scrapable surface coating was found on the submitted sample, the testing scope of Canada Consumer Product Safety Act Surface Coating Regulations SOR/2016-193 was not applicable to the submitted sample.

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Photo

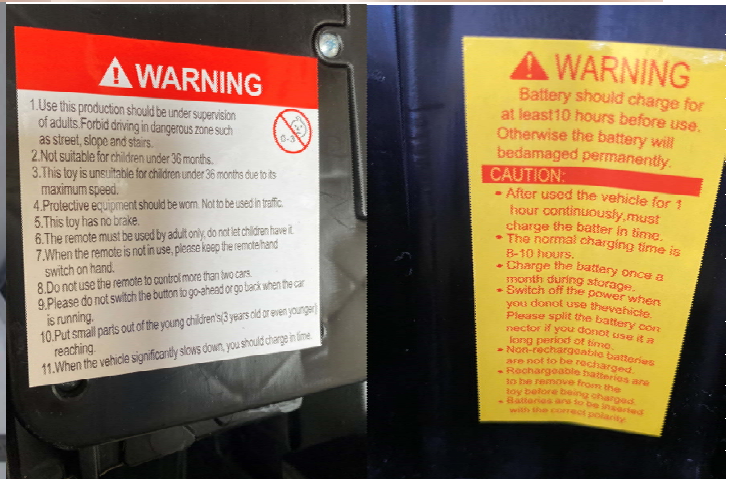
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The Samples Were Submitted By The Client, Only For Reference





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Components List:

- (1) Black Plastic(Body).
 - (2) Red Plastic(Body).
 - (3) Semi-Transparent Plastic(Front Light).
 - (4) Red Plastic(Front Fence).
 - (5) Black Plastic(Wheel).
 - (6) Red Plastic(Wheel Hub).
 - (7) Black Plastic(Wheel Hub).
 - (8) Red Plastic(Damping Device).
 - (9) Black Soft Plastic(Handle On Steering Wheel).
 - (10) Black Plastic(Steering Wheel).
 - (11) Black Plastic(Accelerator Pedal).
 - (12) Black Plastic With White Printing(Button On Instrument Panel).
 - (13) Green Transparent Plastic With White Printing(Button On Instrument Panel).
 - (14) Red Transparent Plastic With White Printing(Button On Instrument Panel).
 - (15) Black Plastic(Instrument Panel).
 - (16) Black Plastic(Seat).
 - (17) Black Webbing(Inner Seat).
 - (18) White Adhesive Paper With Multi-Color Printing(Body).
 - (19) Bright Black Plastic(Instrument Panel).
 - (20) White Plastic(Instrument Panel).
 - (21) Yellow Plastic(Instrument Panel).
 - (22) Pink Plastic(Instrument Panel).
- *****

End Of Report

The statements of conformity reported have considered the decision rule agreed, namely that Intertek have taken account of measurement uncertainty as calculated by Intertek, and applied according to ILAC-G8/09:2019 (Non-binary acceptance based on guard band $w = U$) except designation from the customer, regulation or test specification. This decision rule only applies to the numeric test results.

The sample(s) and sample information hereto are provided by the client who shall be solely responsible for the authenticity and integrity thereof. The results shown in this report relate only to the sample(s) received and tested. It is not intended to be a recommendation for any particular course of action. Intertek does not accept a duty of care or any other responsibility to any person other than the Client in respect of this report and only accepts liability to the Client insofar as is expressly contained in the terms and conditions governing Intertek's provision of services to you. Intertek makes no warranties or representations either express or implied with respect to this report save as provided for in those terms and conditions. We have aimed to conduct the review on a diligent and careful basis and we do not accept any liability to you for any loss arising out of or in connection with this report, in contract, tort, by statute or otherwise, except in the event of our gross negligence or wilful misconduct. This report shall not be reproduced unless with prior written approval from Intertek Testing Services Wuxi Ltd.

