



TEST REPORT

PINGHU FEILONG CHILDREN'S BICK CO.,LTD

Technical Report: (3223)261-0250

Nov.07,2023

Date Received: Sep.18,2023

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PINGHU FEILONG CHILDREN'S BICK CO.,LTD
NO.333 TONGCHE ROAD XINCANG TOWN PINGHU ZHE JIANG

SAMPLE INFORMATION:

Sample Description:	ELECTRIC CHILDREN CAR	Sample Quantity:	5PCS
Vendor:	N/A	Style No(s):	HL-3588
Manufacturer:	N/A	SKN/SKU No.:	N/A
Buyer:	N/A	PO No.:	N/A
Labeled Age Grade:	NOT PRESENT	Ref #:	N/A
Appropriate Age Grade:	N/A	Country of Origin:	N/A
Client Specified Age Grade:	FROM 3 -8 YEARS OF AGE	Assortment No.:	N/A
Tested Age Grade:	FROM 3 -8 YEARS OF AGE	Country of Destination:	N/A
UPC Code:	N/A	Color :	N/A

EXECUTIVE SUMMARY:

TEST REQUESTED	CONCLUSION
The mechanical hazards requirements of ASTM F963-17, "Standard consumer safety specification for toy safety.	PASS
The labeling requirements of ASTM F963-17, "Standard consumer safety specification for toy safety.	PASS
The flammability requirement of solids under ASTM F963-17 section 4.2 according to Annex A5, "Flammability testing procedure for solids and soft toys"	PASS
Soluble Heavy Metals Content in Substrate - ASTM International Standard ASTM F963-17, Section 4.3.5.2(2)(b)	PASS
Total Lead Content in Surface Coating - United States Consumer Product Safety Improvement Act (CPSIA), Section 101(a)(2)	PASS
Phthalates Content in Children's Toys and Child Care Articles - United States Code of Federal Regulations (CFR), Title 16, Part 1307	PASS
Total Lead Content in Substrate - United States Consumer Product Safety Improvement Act (CPSIA) Section 101(a)(2)	PASS
Total Lead in Substrate Material - ASTM International Standard ASTM F963-17, Section 4.3.5.2(1) for Total Lead Content in Substrate Material	PASS

Note:

1.The sample is tested as "From 3 -8 years of age" per the client's request .

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BVCPS (ZHEJIANG) GENERAL CONTACT INFORMATION FOR THIS REPORT

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APPROPRIATE AGE GRADE DETERMINATION

The Appropriate Age Grade is determined with reference to the Age Determination Guidelines of the Consumer Product Safety Commission (CPSC); and the ASTM F963-17, "Standard Consumer Safety Specification on Toy Safety". Annex A1

Note : The most stringent age grade from the Labeled Age Grade and the Appropriate Age Grade will be used for testing.

Note : If the client does not specify an age grade for testing or request BVCPS to determine an appropriate age grade, the labeled age grade will be used for testing.

USE AND ABUSE TESTS

The samples were undergo the tests in accordance with section 8.6 through 8.16, whichever is applicable

Test	Test Parameters	Standard Reference
Drop	4x3 ft	1500.53(b)
Torque	4 in-lbs	1500.53(e)
Tension	15 lbs	1500.53(f)



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PHYSICAL AND MECHANICAL HAZARDS (ASTM F963-17)

Section	Requirement	Result
4.1	Material Quality	M
4.3.7	Stuffing Materials	N/A
4.5	Sound-Producing Toys	M
4.6	Small Objects	N/A
4.7	Accessible Edges	M
4.8	Projections	N/A
4.9	Accessible Points	M
4.10	Wires and Rods	N/A
4.11	Nails and Fasteners	M
4.12	Plastic Film	N/A
4.13	Folding Mechanisms and Hinges	N/A
4.14	Cords, Straps and Elastics	N/A
4.15	Stability and Over-Load Requirements	M
4.16	Confined Spaces	N/A
4.17	Wheels, Tires, and Axles	M
4.18	Holes, Clearances and Accessibility of Mechanisms	M
4.19	Simulated Protective Devices	N/A
4.20	Pacifiers	N/A
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	M
4.26	Toys Intended to be Attached to a Crib or Playpen	N/A
4.27	Stuffed and Beanbag-Type Toys	N/A
4.30	Toy Gun Marking	N/A
4.32	Certain Toys with Nearly Spherical Ends	N/A
4.34	Small 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

M = Meet NM = Not Meet N/A = Not Applicable R = Refer to Comment Section



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LABELING AND INSTRUCTIONAL REQUIREMENT (ASTM F963-17)

Section	Requirement	Result
5.4 & 5.3	Aquatic Toys	N/A
5.5 & 5.3	Crib and Playpen Toys	N/A
5.6 & 5.3	Mobiles	N/A
5.7 & 5.3	Stroller and Carriage Toys	N/A
5.8 & 5.3	Toys Intended to be Assembled by an Adult	M
5.9 & 5.3	Simulated Protective Devices	N/A
5.10 & 5.3	Toys with Functional Sharp Edges or Sharp Points	N/A
5.11	Small Objects, Small Balls, Marbles and Balloons (16 CFR 1500.19)	N/A
5.12	Toy Caps (16CFR1500.86)	N/A
5.13	Art Materials (16 CFR 1500.14(b)(8))	N/A
5.15	Battery-Operated Toys (exclude 5.15.1 and 5.15.2)	M
5.15.1 & 5.3	Battery-Powered Ride-On Toys	M
5.15.2 & 5.3	Button or Coin Cell Batteries	N/A
5.16	Promotional Materials	M
5.17 & 5.3	Magnets	N/A
6.1	Definition and Description	M
6.2	Crib and Playpen Toys	N/A
6.3	Mobiles	N/A
6.4 & 5.3	Toys Intended to be Assembled by an Adult	N/A
6.5	Battery-Operated Toys	M
6.6	Battery-Powered Ride-On Toys	M
6.7	Toys in Contact with Food	N/A
7.1	Producer's Name and Address	M
7.2	Battery-Powered Ride-on Toys	N/A

M = Meet NM = Not Meet N/A = Not Applicable R = Refer to Comment Section

FLAMMABILITY (16 CFR SECTION 1500.3(c)(6)(vi))

Requirement	Test Method Reference	Findings
Burn rate no greater than 0.1 of an inch per second	16 CFR 1500.44	Ignited but Self-Extinguished



Tested Component(s) Breakdown List

Test Item	Description	Location	Style
1	Black plastic	Body	-
2	Dark black plastic	Body	-
3	Red plastic	Body	-
4	White plastic	Body	-
5	Black plastic with silver plating	-	-
6	Silver plastic	Rearview mirror	-
7	Transparent adhesive tape with black/ grey coating	-	-
8	Grey plastic	-	-
9	Transparent plastic	-	-
10	Dark red plastic	Inner	-
11	Black soft plastic	Wire jacket	-
12	Black soft plastic	Case	-
13	Green soft plastic	Wire jacket	-
14	Blue soft plastic	Wire jacket	-
15	White soft plastic	Wire jacket	-
16	Yellow soft plastic	Wire jacket	-
17	Orange soft plastic	Wire jacket	-
18	Red transparent plastic	Tail light	-
19	Beige plastic	Inner	-
20	Brown plastic	Inner	-
21	Translucent plastic	Inner	-
22	White glue	Inner	-
23	Black/ white soft plastic	Display	-
24	Transparent plastic film	On sticker	-
25	White coating	On button	-
26	Black tape	-	-
27	Silver metal	Screw	-
28	Silver metal	Big plug	-
29	Silver metal	Small plug	-
30	Silver metal	Ring	-

Soluble Heavy Metals Content in Substrate - ASTM International Standard ASTM F963-17, Section 4.3.5.2(2)(b)

Test Method: ASTM International Standard ASTM F963-17, Section 8.3.2 to 8.3.4;ASTM International Standard ASTM F963-17, Section 8.3.5 (Excluding 8.3.5(3)).

Analyte	As	Ba	Cd	Cr	Hg	Pb	Sb	Se
Limit: other than modeling clay	25	1000	75	60	60	90	60	500



(mg/kg)									
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Analyte	As	Ba	Cd	Cr	Hg	Pb	Sb	Se	Conclusion
Sample	Result (mg/kg)								
1	ND	ND	ND	ND	ND	ND	ND	ND	Pass
2	ND	ND	ND	ND	ND	ND	ND	ND	Pass
3	ND	ND	ND	ND	ND	ND	ND	ND	Pass
4	ND	ND	ND	ND	ND	ND	ND	ND	Pass
5	ND	ND	ND	ND	ND	ND	ND	ND	Pass
6	ND	ND	ND	ND	ND	ND	ND	ND	Pass
7	ND	ND	ND	ND	ND	ND	ND	ND	Pass
8	ND	ND	ND	ND	ND	ND	ND	ND	Pass
9	ND	ND	ND	ND	ND	ND	ND	ND	Pass
10	ND	ND	ND	ND	ND	ND	ND	ND	Pass
11	ND	ND	ND	ND	ND	ND	ND	ND	Pass
12	ND	ND	ND	ND	ND	ND	ND	ND	Pass
13	ND	ND	ND	ND	ND	ND	ND	ND	Pass
14	ND	ND	ND	ND	ND	ND	ND	ND	Pass
15	ND	ND	ND	ND	ND	ND	ND	ND	Pass
16	ND	ND	ND	ND	ND	ND	ND	ND	Pass
17	ND	ND	ND	ND	ND	ND	ND	ND	Pass
18	ND	ND	ND	ND	ND	ND	ND	ND	Pass
19	ND	ND	ND	ND	ND	ND	ND	ND	Pass
20	ND	ND	ND	ND	ND	ND	ND	ND	Pass
21	ND	ND	ND	ND	ND	ND	ND	ND	Pass
22	ND	ND	ND	ND	ND	ND	ND	ND	Pass
23	ND	ND	ND	ND	ND	ND	ND	ND	Pass
24	ND	12.9	ND	ND	ND	ND	ND	ND	Pass
26	ND	8.43	ND	ND	ND	ND	ND	ND	Pass

Note / Key:

mg/kg = milligrams per kilogram

Detection Limit (mg/kg) : As:2.5,Others:5

Cr = Chromium, Hg = Mercury, Pb = Lead,

< = Less Than

As = Arsenic, Ba = Barium, Cd = Cadmium,

Sb = Antimony, Se = Selenium

Total Lead Content in Surface Coating – United States Consumer Product Safety Improvement Act (CPSIA), Section 101(a)(2)

Test Method : U.S. CPSC-CH-E1003-09.1

Maximum Limit:	90mg/kg
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Test Item(s)	Result	Unit	Conclusion
25	ND	mg/kg	PASS

Note / Key:

ND = Not Detected

mg/kg = milligram per

MDL = Method Detection Limit



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Kilogram

Detection Limit(mg/kg): 10

Phthalates Content in Children's Toys and Child Care Articles - United States Code of Federal Regulations (CFR), Title 16, Part 1307

Test Method : CPSC-CH-C1001-09.4

Maximum Limit:	Each 1000mg/kg
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Test Item(s)	Result		Unit	Conclusion
	Detected Analyte(s)	Conc.		
1 + 2 + 3	ND	ND	mg/kg	PASS
4 + 5 + 6	ND	ND	mg/kg	PASS
7 + 11 + 12	ND	ND	mg/kg	PASS
8 + 9 + 10	ND	ND	mg/kg	PASS
13 + 14 + 15	ND	ND	mg/kg	PASS
16 + 17 + 22	ND	ND	mg/kg	PASS
18 + 19	ND	ND	mg/kg	PASS
20 + 21	ND	ND	mg/kg	PASS
23 + 24	ND	ND	mg/kg	PASS
25	ND	ND	mg/kg	PASS

Note / Key:

ND = Not Detected

Conc. = Concentration

Detection Limit (mg/kg): Each 50

Remark:

- The list of phthalates is summarized in table of Appendix.

List of Phthalates Content In Children's Toys And Child Care Articles - United States Code Of Federal Regulations (CFR), Title 16, Part 1307

No.	Name of Analytes	CAS-No.	No.	Name of Analytes	CAS-No.
1	Dibutyl phthalate (DBP)	84-74-2	5	Diethyl phthalate	84-75-3
2	Butylbenzylphthalate (BBP)	85-68-7	6	Diisobutyl phthalate	84-69-5
3	Di-2-ethylhexyl phthalate (DEHP)	117-81-7	7	Di-n-pentyl phthalate(DPENP/DPP)	131-18-0
4	Di-iso-nonyl phthalate (DINP)	28553-12-0&68515-48-0	8	Di-cyclohexyl phthalate	84-61-7

Total Lead Content in Substrate - United States Consumer Product Safety Improvement Act (CPSIA) Section 101(a)(2)

Test Method : Metal: U.S. CPSC-CH-E1001-08.3
Non-metal: U.S. CPSC-CH-E1002-08.3.

Maximum Limit:	100mg/kg
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Test Item(s)	Result	Unit	Conclusion
1 + 2 + 3	ND	mg/kg	PASS
4 + 5 + 6	ND	mg/kg	PASS
7 + 11 + 12	ND	mg/kg	PASS
8 + 9 + 10	ND	mg/kg	PASS
13 + 14 + 15	22.4	mg/kg	PASS
16 + 17 + 22	ND	mg/kg	PASS
18 + 19	ND	mg/kg	PASS
20 + 21	ND	mg/kg	PASS
23 + 24	ND	mg/kg	PASS
27	ND	mg/kg	PASS
28	30.6	mg/kg	PASS
29	20.1	mg/kg	PASS
30	ND	mg/kg	PASS

Note / Key:

ND = Not Detected
kilogram

mg/kg = milligram per

MDL = Method Detection Limit

Detection Limit(mg/kg): 10

Total Lead in Substrate Material - ASTM International Standard ASTM F963-17, Section 4.3.5.2(1) for Total Lead Content in Substrate Material

Test Method : non-metal: ASTM International Standard ASTM F963-17, Section 8.3.1.1 and CPSC-CH-E1002-08.3 Standard Operating Procedure for Determining Lead (Pb) In Non-metal Children's Products
metal: CPSC-CH-E1001-08.3 Standard Operating Procedure for Determining Lead (Pb) In Metal Children's Products

Maximum Limit:	100mg/kg
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Test Item(s)	Result	Unit	Conclusion
1 + 2 + 3	ND	mg/kg	PASS
4 + 5 + 6	ND	mg/kg	PASS
7 + 11 + 12	ND	mg/kg	PASS
8 + 9 + 10	ND	mg/kg	PASS
13 + 14 + 15	22.4	mg/kg	PASS
16 + 17 + 22	ND	mg/kg	PASS
18 + 19	ND	mg/kg	PASS
20 + 21	ND	mg/kg	PASS
23 + 24	ND	mg/kg	PASS
27	ND	mg/kg	PASS
28	30.6	mg/kg	PASS
29	20.1	mg/kg	PASS
30	ND	mg/kg	PASS

Note / Key:



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Detection Limit (mg/kg) : 10

< = Less than

mg/kg = milligram(s) per kilogram



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SAMPLE REFERENCE PHOTO:



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