



TEST REPORT

NINGBO PRINCE TOYS CO.,LTD.

Technical Report: (3223)347-0238

January 08, 2024

Date Received:

December 13, 2023

Page 1 of 17

NINGBO PRINCE TOYS CO.,LTD.
NO.777 EAST TAOYUAN ROAD,GUANHAIWEI TOWN,CIXI
CITY,ZHEJIANG,CHINA.

SAMPLE INFORMATION:

Sample Description:	Children Battery Ride On Car	Style No.(s):	706/707
Sample Status :	INTACT	PO No.:	/
Manufacturer:	/	Country of Origin:	/
Buyer:	/	Country of Destination:	OVERSEAS

Above sample information was provided and confirmed by customers, BV is not responsible for its accuracy or completeness.

EXECUTIVE SUMMARY:

TEST REQUESTED	CONCLUSION
The mechanical hazards requirements of ASTM F963-23, "Standard consumer safety specification for toy safety. (except 4.25) .	PASS
The labeling requirements of ASTM F963-23, "Standard consumer safety specification for toy safety.	PASS
The flammability requirement of solids under ASTM F963-23 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 in Substrate Material - ASTM International Standard ASTM F963-17, Section 4.3.5.2(1) for Total Lead Content in Substrate Material	PASS
Total Lead in Surface Coating - ASTM International Standard ASTM F963-17, Section 4.3.5.1(1) for Total Lead Content in Surface Coating	PASS
Total Lead Content in Substrate - United States Consumer Product Safety Improvement Act (CPSIA) Section 101(a)(2)	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

Note: The sample 706 Style No. is tested as " From 3 - 5 years of age " per the client`s request ,
The sample 707 Style No. is tested as " From 3 - 6 years of age " per the client`s request .
Selected test was specified by client.
The tested part of the sample was specified by client.
The composite testing was performed as per client's request.
The test conclusion was given based on the results of tested part.



Bureau Veritas Testing Technical Service
(Zhejiang) Co.,Ltd
1F west, 6F east, 7F east, 8F, Building
No.66 Qingyi Road, Ningbo, Zhejiang, China
Tel:86-574-87914369 Fax:86-574-
87971038
website:cn.bureauveritas.com

This report is governed by, and incorporates by reference, the Conditions of Testing as posted at the date of issuance of this report at <http://www.bureauveritas.com/home/about-us/our-business/cps/about-us/terms-conditions/> and is intended for your exclusive use. Any copying or replication of this report to or for any other person or entity, or use of our name or trademark, is permitted only with our prior written permission. This report sets forth our findings solely with respect to the test samples identified herein. The results set forth in this report are not indicative or representative of the quality or characteristics of the lot from which a test sample was taken or any similar or identical product unless specifically and expressly noted. Our report includes all of the tests requested by you and the results thereof based upon the information that you provided to us. Measurement uncertainty is only provided upon request for accredited tests. Statements of conformity are based on simple acceptance criteria without taking measurement uncertainty into account, unless otherwise requested in writing. You have 60 days from date of issuance of this report to notify us of any material error or omission caused by our negligence or if you require measurement uncertainty; provided, however, that such notice shall be in writing and shall specifically address the issue you wish to raise. A failure to raise such issue within the prescribed time shall constitute your unqualified acceptance of the completeness of this report, the tests conducted and the correctness of the report contents.



**BUREAU
VERITAS**

NINGBO PRINCE TOYS CO.,LTD.

Technical Report: **(3223)347-0238**

January 08, 2024

Page 2 of 17

REMARK

If there are questions or concerns on this report, please contact the following persons:

Customer service

Ms.Lulu Zhang/Ms. Ashe Xi
(0574) 87091319/(0574) 87091115
lulu.b.zhang@bureauveritas.com
ashe.xi@bureauveritas.com

BUREAU VERITAS TESTING TECHNICAL SERVICE (ZHEJIANG) CO.,LTD

Crystal

PREPARED BY : _____
Crystal Deng

Kobe Chen Seb Wang

Kobe Chen
LAB SUPERVISOR
Seb Wang
OPERATION MANAGER(HARDLINE AND TOY DIVISION)



**BUREAU
VERITAS**

NINGBO PRINCE TOYS CO.,LTD.

Technical Report: **(3223)347-0238**

January 08, 2024

Page 3 of 17

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)



**BUREAU
VERITAS**

NINGBO PRINCE TOYS CO.,LTD.

Technical Report: **(3223)347-0238**

January 08, 2024

Page 4 of 17

706 STYLE NO., FROM 3 - 5 YEARS OF AGE

PHYSICAL AND MECHANICAL HAZARDS (ASTM F963-23)

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	NR
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



**BUREAU
VERITAS**

NINGBO PRINCE TOYS CO.,LTD.

Technical Report: **(3223)347-0238**

January 08, 2024

Page 5 of 17

LABELING AND INSTRUCTIONAL REQUIREMENT (ASTM F963-23)

Section	Requirement	Result
5.1.2	Tracking label	M
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	Art Materials (16 CFR 1500.14(b)(8))	N/A
5.14	Battery-Operated Toys (exclude 5.14.1 and 5.14.2)	N/A
5.14.1&5.3	Battery-Powered Ride-On Toys	N/A
5.14.2 & 5.3	Button or Coin Cell Batteries	N/A
5.15	Promotional Materials	M
5.16	Magnets	N/A
6.1	Definition and Description	N/A
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	M
6.5	Battery-Operated Toys	N/A
6.6	Battery-Powered Ride-On Toys	N/A
6.7	Toys in Contact with Food	N/A
6.9	Toys which require a manufacturer-supplied specialty or custom tool to access the battery(ies)	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



**BUREAU
VERITAS**

NINGBO PRINCE TOYS CO.,LTD.

Technical Report: **(3223)347-0238**

January 08, 2024

Page 6 of 17

707 STYLE NO., FROM 3 - 6 YEARS OF AGE

PHYSICAL AND MECHANICAL HAZARDS (ASTM F963-23)

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	NR
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



**BUREAU
VERITAS**

NINGBO PRINCE TOYS CO.,LTD.

Technical Report: **(3223)347-0238**

January 08, 2024

Page 7 of 17

LABELING AND INSTRUCTIONAL REQUIREMENT (ASTM F963-23)

Section	Requirement	Result
5.1.2	Tracking label	M
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	Art Materials (16 CFR 1500.14(b)(8))	N/A
5.14	Battery-Operated Toys (exclude 5.14.1 and 5.14.2)	N/A
5.14.1&5.3	Battery-Powered Ride-On Toys	N/A
5.14.2 & 5.3	Button or Coin Cell Batteries	N/A
5.15	Promotional Materials	M
5.16	Magnets	N/A
6.1	Definition and Description	N/A
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	M
6.5	Battery-Operated Toys	N/A
6.6	Battery-Powered Ride-On Toys	N/A
6.7	Toys in Contact with Food	N/A
6.9	Toys which require a manufacturer-supplied specialty or custom tool to access the battery(ies)	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



**BUREAU
VERITAS**

NINGBO PRINCE TOYS CO.,LTD.

Technical Report: **(3223)347-0238**

January 08, 2024

Page 8 of 17

Tested Component(s) Breakdown List

Test Item(s)	Description	Location(s)	Style(s)
1	Black plastic	America plug	-
2	Black soft plastic with white printing	America wire jacket	-
3	Black plastic	Europe plug	-
4	Black soft plastic with white printing	Europe wire jacket	-
5	Deep blue plastic	Body	-
6	Black plastic	Body	-
7	Red plastic	Body	-
8	White plastic	Body	-
9	Grey plastic	Body	-
10	Yellow plastic	Body	-
11	Black plastic	Chair	-
12	Black plastic	Wheel	-
13	Grey plastic	Wheel	-
14	Red plastic	Car head	-
15	White plastic	Base	-
16	Black transparent plastic	Draught board	-
17	Silver plastic	Mirror	-
18	Orange plastic	Body	-
19	Blue plastic	Body	-
20	Black plastic	Orange style wheel	-
21	White plastic	Remote control unit	-
22	Black plastic	Buckle	-
23	Black plastic	Steering wheel	-
24	Black plastic	Button	-
25	White sticker with multicolor printing/ transparent plastic	-	-
26	Transparent plastic film	-	-
27	Transparent plastic	Taillight	-
28	Black frosted plastic	Steering wheel	-
29	Red transparent plastic	Switch	-
30	Transparent soft plastic with deep blue printing	Logo	-
31	Black tape	-	-
32	Silver metal	Tube	-



NINGBO PRINCE TOYS CO.,LTD.

Technical Report: **(3223)347-0238**

January 08, 2024

Page 10 of 17

28	ND	ND	ND	ND	ND	ND	ND	ND	PASS
29	ND	ND	ND	ND	ND	ND	ND	ND	PASS
30	ND	ND	ND	ND	ND	ND	ND	ND	PASS
31	ND	ND	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 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
-----------------------	-----------------

Test Item(s)	Result	Unit	Conclusion
1 + 2 + 3	ND	mg/kg	PASS
4 + 5 + 6	ND	mg/kg	PASS
7 + 8 + 9	ND	mg/kg	PASS
10 + 11 + 12	ND	mg/kg	PASS
13 + 14 + 15	ND	mg/kg	PASS
16 + 17 + 18	ND	mg/kg	PASS
19 + 20 + 21	ND	mg/kg	PASS
22 + 23 + 24	ND	mg/kg	PASS
27 + 28	ND	mg/kg	PASS
29 + 30	ND	mg/kg	PASS
32	ND	mg/kg	PASS
33	ND	mg/kg	PASS
34	ND	mg/kg	PASS
35	ND	mg/kg	PASS

Note / Key:

Detection Limit (mg/kg) : 10

< = Less than

mg/kg = milligram(s) per kilogram



NINGBO PRINCE TOYS CO.,LTD.

Technical Report: **(3223)347-0238**

January 08, 2024

Page 11 of 17

Total Lead in Surface Coating - ASTM International Standard ASTM F963-17, Section 4.3.5.1(1) for Total Lead Content in Surface Coating

Test Method : ASTM International Standard ASTM F963-17, Section 8.3.1.1 and CPSC-CH-E1003-09.1 Standard Operating Procedure for Determining Lead (Pb) in Paint and Other Similar Surface Coating

Maximum Limit:	90mg/kg
-----------------------	----------------

Test Item(s)	Result	Unit	Conclusion
36	ND	mg/kg	PASS
37 + 38	ND	mg/kg	PASS

Note / Key:

Detection Limit (mg/kg) : 10

mg/kg = milligram(s) per kilogram

< = Less than

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
-----------------------	-----------------

Test Item(s)	Result	Unit	Conclusion
1 + 2 + 3	ND	mg/kg	PASS
4 + 5 + 6	ND	mg/kg	PASS
7 + 8 + 9	ND	mg/kg	PASS
10 + 11 + 12	ND	mg/kg	PASS
13 + 14 + 15	ND	mg/kg	PASS
16 + 17 + 18	ND	mg/kg	PASS
19 + 20 + 21	ND	mg/kg	PASS
22 + 23 + 24	ND	mg/kg	PASS
27 + 28	ND	mg/kg	PASS
29 + 30	ND	mg/kg	PASS
32	ND	mg/kg	PASS
33	ND	mg/kg	PASS
34	ND	mg/kg	PASS
35	ND	mg/kg	PASS

Note / Key:

ND = Not Detected

mg/kg = milligram per kilogram

MDL = Method Detection Limit

Detection Limit (mg/kg):10



NINGBO PRINCE TOYS CO.,LTD.

Technical Report: **(3223)347-0238**

January 08, 2024

Page 12 of 17

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
-----------------------	----------------

Test Item(s)	Result	Unit	Conclusion
36	ND	mg/kg	PASS
37 + 38	ND	mg/kg	PASS

Note / Key:

ND = Not Detected

mg/kg = milligram per kilogram

MDL = Method Detection Limit

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
-----------------------	-----------------------

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 + 8 + 9	ND	ND	mg/kg	PASS
10 + 11 + 12	DEHP	238	mg/kg	PASS
13 + 14 + 15	ND	ND	mg/kg	PASS
16 + 17 + 18	ND	ND	mg/kg	PASS
19 + 20 + 21	ND	ND	mg/kg	PASS
22 + 23 + 24	ND	ND	mg/kg	PASS
27 + 28	ND	ND	mg/kg	PASS
29 + 30	ND	ND	mg/kg	PASS
36	ND	ND	mg/kg	PASS
37 + 38	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.



**BUREAU
VERITAS**

NINGBO PRINCE TOYS CO.,LTD.

Technical Report: **(3223)347-0238**

January 08, 2024

Page 13 of 17

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	Dihexyl 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



**BUREAU
VERITAS**

NINGBO PRINCE TOYS CO.,LTD.
Technical Report: **(3223)347-0238**
January 08, 2024
Page 14 of 17

SAMPLE REFERENCE PHOTO:





**BUREAU
VERITAS**

NINGBO PRINCE TOYS CO.,LTD.

Technical Report: **(3223)347-0238**

January 08, 2024

Page 15 of 17





**BUREAU
VERITAS**

NINGBO PRINCE TOYS CO.,LTD.
Technical Report: **(3223)347-0238**
January 08, 2024
Page 16 of 17

Appendix
Additional Model





**BUREAU
VERITAS**

NINGBO PRINCE TOYS CO.,LTD.

Technical Report: **(3223)347-0238**

January 08, 2024

Page 17 of 17



Note: The information in this Appendix is provided by client. Since the client was not able to provide the sample of additional Style, above additional Style(s) hasn't been tested, but only based on the guarantee letter provided by the client. Bureau Veritas-CPS takes no responsibility for any mistakes and the problems of product consistency caused by inaccurate and/or invalid information submitted by the client. The client will take the responsibility of all discrepancy and risk.

-- END OF REPORT --