



CONSUMER PRODUCTS SERVICES DIVISION

PINGHU XH CHILDREN PRODUCTS CO., LTD

Technical Report: (6619)254-0858

November 22, 2019

Date Received: September 9, 2019

Page 1 of 19

Date Modified: October 22, 2019

PINGHU XH CHILDREN PRODUCTS CO., LTD
NO.186, TONGCHE ROAD, TONGCHE TOWN, PINGHU CITY ZHEJIANG

Sample Description:	BABY CAR	Sample Size:	4 PCS
Vendor:	PINGHU XH CHILDREN PRODUCTS CO., LTD		
Manufacturer:	N/A	Style No(s):	JC002
Buyer:	N/A	SKN/SKU No.:	N/A
Labeled Age Grade:	SUITABLE AGE:37-95 MONTHS	PO No.:	N/A
Appropriate Age Grade:	FROM 3 TO 5 YEARS OF AGE	Ref #:	N/A
Client Specified Age Grade:	N/A	Country of Origin:	N/A
Tested Age Grade:	FROM 36 TO 95 MONTHS OF AGE	Assortment No.:	N/A
UPC Code:	N/A	Country of Destination:	N/A
Color:	N/A		

EXECUTIVE SUMMARY:

The sample(s) MEET the following requirement(s):

- The mechanical hazards requirements of ASTM F963-17, "Standard consumer safety specification for toy safety" (exclude section 4.25.10).
- The labeling requirements of ASTM F963-17, "Standard consumer safety specification for toy safety" (exclude section 5.15.1, 5.3&6.6).
- The tracking label requirement of the Consumer Product Safety Improvement Act (CPSIA) of 2008 section 103 Tracking Labels for Children's Products.
- The total lead content of 100ppm requirements in substrate materials (Consumer Products Safety Improvement Act (CPSIA) of 2008).
- The total lead content requirements in children products according to the California Proposition 65 settlements of Alameda Superior Court RG 07356892.
- The initial total heavy metals content analysis for soluble heavy metals content in substrate requirements of ASTM F963-17, "Standard Consumer Safety Specification for Toy Safety," Section 4.3.5.2(2)(b).
- The BBP, DBP, DEHP, DnHP and DIDP content requirements in toys, child care articles and watches according to the California Proposition 65 settlements of County of Sacramento case number 07AS04683, and the Alameda Superior Court case numbers BG07350969, RG08367601, RG07351032 and RG08378050.
- The phthalates (BBP / DBP / DEHP / DIBP / DINP / DNHP / DNPP / DCHP) content requirements of the Consumer Product Safety Improvement Act (CPSIA) of 2008 Sec. 108(a) and 108(c), 16 CFR 1307).



**BUREAU
VERITAS**

PINGHU XH CHILDREN PRODUCTS CO., LTD

Technical Report: **(6619)254-0858**

November 22, 2019

Page 2 of 19

The sample(s) MEETS the following requirement(s):

- The flammability requirements of 16 CFR 1500.3(c)(6)(vi), "Flammable solid" (FHSA regulations).
- The total lead content of 90ppm requirements of 16 CFR 1303, "Ban of lead-containing paint and certain consumer products bearing lead-containing paint" as mandated by Congress in section 101(f) of the Consumer Products Safety Improvement Act (CPSIA) of 2008, Public Law 110-314.
- The initial total heavy metals content analysis for soluble heavy metals content in surface coating requirements of ASTM F963-17, "Standard Consumer Safety Specification for Toy Safety," Section 4.3.5.1(2).
- The soluble heavy metals content in substrate requirements of ASTM F963-17, "Standard Consumer Safety Specification for Toy Safety," Section 4.3.5.2(2)(b).



**BUREAU
VERITAS**

PINGHU XH CHILDREN PRODUCTS CO., LTD

Technical Report: **(6619)254-0858**

November 22, 2019

Page 3 of 19

NOTE:

1. The sample(s) was not evaluated to the Normal Use testing requirements specified in ASTM F963-17, Section 8.5. It is the responsibility of the manufacturer, vendor or distributor to conduct tests that will simulate normal use conditions. These tests shall ensure that hazards are not generated through normal wear and deterioration of the sample(s). These tests shall also simulate the normal play mode of the toy and to simulate the expected mode of use of the particular toy. The tests shall be conducted in an expected use environment. These normal use tests shall simulate the intended use of the toy based on its estimated lifetime.
2. As per client's request, the tested section 4.25.10, 5.15.1, 5.3&6.6 of ASTM F963-17 was not conducted.

BVCPS (SHANGHAI) GENERAL CONTACT INFORMATION FOR THIS REPORT

TELEPHONE NO.:
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CONSUMER PRODUCTS SERVICE DIVISION (SHANGHAI)
Laboratory Test location:
No. 368, Guangzhong Road, Zhuanqiao Town, Minhang,
Shanghai.
No. 168, Guanghua Road, Zhuanqiao Town, Minhang,
Shanghai.**

LEON DENG
PRODUCT LINE MANAGER (TOY DIVISION)



**BUREAU
VERITAS**

PINGHU XH CHILDREN PRODUCTS CO., LTD

Technical Report: **(6619)254-0858**

November 22, 2019

Page 4 of 19

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
Tip over	3 times	1500.51(b)(4)(i)
Torque	4 in-lbs	1500.53(e)
Tension	15 lbs	1500.53(f)
Compression	30 lbs	1500.53(g)



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	M
4.13	Folding Mechanisms and Hinges	M
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 (exclude Section 4.25.10 Battery-powered ride-on toys & Section 4.25.11 Toys that Contain Secondary Cells or Secondary Batteries)	M SEE NOTE 2
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



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)	N/A
5.15.1 & 5.3	Battery-Powered Ride-On Toys	NR SEE NOTE 2
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	M
6.5	Battery-Operated Toys	M
6.6	Battery-Powered Ride-On Toys	NR SEE NOTE 2
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	Did not ignited



Tested Component(s) Breakdown List

Sample Identity	Color / Component	Location	Style
1	Black plastic	Thick wheel	/
2	Black soft plastic	Tracks on wheels	/
3	Black plastic	Thin wheel	/
4	Silvery plastic film	Car light	/
5	Black plastic	Car light	/
6	Blue plastic	Car light	/
7	Black plastic	Steering	/
8	Red plastic	Steering	/
9	Black plastic	Plastic behind the steering wheel	/
10	Black soft plastic	Electric wire sheath behind steering wheel	/
11	Black soft plastic	Wire coat	/
12	Red soft plastic	Wire coat	/
13	Yellow soft plastic	Wire coat	/
14	White plastic	Frog	/
15	Black plastic	Big plug	/
16	Black soft plastic	Plug wire coat	/
17	Black plastic	Small plug	/
18	Black soft plastic	Plug cover	/
19	White plastic	Remote control body	/
20	Black soft plastic	Remote control button	/
21	Black frost plastic	Remote control middle	/
22	Silvery metal	Wire head	/
23	Transparent/white plastic paste	The police car logo	/
24	Color plastic paste	Body sticker	/
25	Transparent/black plastic paste	On the back of the license	/
26	Silvery coating on plastic	Handle	/
27	White coating on plastic	Button	/
28	Half white plastic without coating	Handle	/
29	White plastic	Shell	/
30	Black plastic	Shell	/
31	Transparent red plastic	Tail light	/
32	Red plastic	Transparent red plastic	/
33	transparent red plastic	Switch square key	/
34	Black plastic	Switch square key	/
35	Black white soft plastic	The co-pilot pushed the keypad	/
36	Black plastic	Co-pilot button	/
37	Black plastic	In the body seat	/



**BUREAU
VERITAS**

PINGHU XH CHILDREN PRODUCTS CO., LTD

Technical Report: **(6619)254-0858**

November 22, 2019

Page 8 of 19

38	Black webbing	Safety belt	/
39	White plastic	Wheel fixture	/
40	Transparent plastic	head light	/
41	Black plastic	Inboard wire divider	/
42	Blue soft plastic	Wire coat	/
43	Light purple soft plastic	Wire coat	/
44	Green soft plastic	Wire coat	/
45	Yellow soft plastic	Wire coat	/
46	Cream white plastic	Inboard wire divider	/
47	Black heat shrink tube	Inner car head	/
48	Black plastic	Box inner head	/
49	Glue	Inner car head	/
50	Coppery metal	Body inner head	/
51	Silvery metal	Ring gasket	/
52	Silvery metal	Short screw	/
53	Silvery metal	Nut	/
54	Silvery metal	Long screw	/
55	Silvery metal	Ring hammer	/
56	Silvery metal	Big spring under car	/



PINGHU XH CHILDREN PRODUCTS CO., LTD

Technical Report: **(6619)254-0858**

November 22, 2019

Page 9 of 19

TOTAL LEAD CONTENT IN SURFACE COATING ("Ban of Lead-containing paint and certain consumer products bearing Lead-containing paint", Consumer Product Safety Improvement Act (CPSIA) of 2008)

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

Analyte	Lead	
Requirement: Maximum allowable limit:	90 mg/kg	

Analyte			Lead (Pb)	Conclusion
Sample Description			Result (mg/kg)	
Color / Component	Location	Style		
26+27	/	/	LT 10	PASS

LT = Less Than

mg/kg = milligrams per kilogram (ppm=parts per million)

* = Average of duplicate analyses

TOTAL HEAVY METALS CONTENT - INITIAL ANALYSIS FOR SOLUBLE HEAVY METALS CONTENT IN SURFACE COATING (ASTM F963-17, Section 4.3.5.1(2))

Test Method: ASTM International Standard ASTM F963-17, Section 8.3.1 and Annex A7.

Analyte	As	Ba	Cd	Cr	Hg	Pb	Sb	Se
Max. Limit (mg/kg)	25	1000	75	60	60	90	60	500

Analyte	As	Ba	Cd	Cr	Hg	Pb	Sb	Se	Conclusion
Sample	Result (mg/kg)								
26+27	LT 5	17.2	LT 10	LT 10	LT 10	LT 10	LT 10	LT 10	PASS

mg/kg = milligrams per kilogram (ppm=parts per million)
LT = Less Than

As = Arsenic, Ba = Barium, Cd = Cadmium,
Cr = Chromium, Hg = Mercury, Pb = Lead,
Sb = Antimony, Se = Selenium



**BUREAU
VERITAS**

PINGHU XH CHILDREN PRODUCTS CO., LTD

Technical Report: **(6619)254-0858**

November 22, 2019

Page 10 of 19

TOTAL LEAD CONTENT IN SUBSTRATE (100PPM) (Consumer Product Safety Improvement Act (CPSIA) of 2008)

Test Method: U.S. CPSC-CH-E1001-08.1 (June 21, 2010) or U.S. CPSC-CH-E1002-08.1 (June 21, 2010).

Element:			Lead	
Requirement: Maximum allowable limit: (mg/kg)			100 mg/kg	
Sample Description			Result (mg/kg)	Conclusion
Color / Component	Location	Style		
16	/	/	10.9	PASS
18	/	/	LT 10	PASS
42	/	/	LT 10	PASS
17	/	/	LT 10	PASS
19+21	/	/	LT 10	PASS
20	/	/	LT 10	PASS
22	/	/	21.1	PASS
28	/	/	61.2	PASS
46	/	/	LT 10	PASS
48	/	/	76.0	PASS
1+3+5	/	/	12.2	PASS
2+4+10	/	/	LT 10	PASS
6+7+8	/	/	LT 10	PASS
9+14+15	/	/	11.6	PASS
11+12+13	/	/	LT 10	PASS
23	/	/	LT 10	PASS
24	/	/	LT 10	PASS
25	/	/	LT 10	PASS
29+30+31	/	/	LT 10	PASS
32+33+34	/	/	12.0	PASS
35	/	/	LT 10	PASS
36+37+39	/	/	LT 10	PASS
40+41	/	/	LT 10	PASS
43+44	/	/	LT 10	PASS
45+47	/	/	LT 10	PASS
49	/	/	LT 10	PASS
54	/	/	26.4	PASS
51	/	/	10.8	PASS
52	/	/	LT 10	PASS
53	/	/	25.2	PASS
55	/	/	26.8	PASS
50	/	/	17.5	PASS
56	/	/	18.5	PASS

LT = Less Than

mg/kg = milligrams per kilogram (ppm=parts per million)



**BUREAU
VERITAS**

PINGHU XH CHILDREN PRODUCTS CO., LTD

Technical Report: **(6619)254-0858**

November 22, 2019

Page 11 of 19

* = Average of duplicate analyses

TOTAL LEAD CONTENT IN CHILDREN PRODUCTS (California Proposition 65 settlements of Alameda Superior Court RG 07356892)

Test Method: Acid digestion followed by Atomic Absorption Spectrophotometry or Inductively Coupled Plasma Spectrometry

		Maximum allowable limit	
Analyte		Lead	
Type 1	Paint and surface coatings	90 mg/kg	
Type 2	Substrate materials	100 mg/kg	

Analyte	Sample Description			Lead (Pb)	Conclusion
	Color / Component	Location	Style	Result (mg/kg)	
Type 1: Paint and surface coatings					
	26+27	/	/	LT 10	PASS
Type 2: Substrate materials					
	16	/	/	10.9	PASS
	18	/	/	LT 10	PASS
	42	/	/	LT 10	PASS
	17	/	/	LT 10	PASS
	19+21	/	/	LT 10	PASS
	20	/	/	LT 10	PASS
	22	/	/	21.1	PASS
	28	/	/	61.2	PASS
	46	/	/	LT 10	PASS
	48	/	/	76.0	PASS
	1+3+5	/	/	12.2	PASS
	2+4+10	/	/	LT 10	PASS
	6+7+8	/	/	LT 10	PASS
	9+14+15	/	/	11.6	PASS
	11+12+13	/	/	LT 10	PASS
	23	/	/	LT 10	PASS
	24	/	/	LT 10	PASS
	25	/	/	LT 10	PASS
	29+30+31	/	/	LT 10	PASS
	32+33+34	/	/	12.0	PASS
	35	/	/	LT 10	PASS
	36+37+39	/	/	LT 10	PASS
	40+41	/	/	LT 10	PASS



**BUREAU
VERITAS**

PINGHU XH CHILDREN PRODUCTS CO., LTD

Technical Report: **(6619)254-0858**

November 22, 2019

Page 12 of 19

43+44	/	/	LT 10	PASS
45+47	/	/	LT 10	PASS
49	/	/	LT 10	PASS
54	/	/	26.4	PASS
51	/	/	10.8	PASS
52	/	/	LT 10	PASS
53	/	/	25.2	PASS
55	/	/	26.8	PASS
50	/	/	17.5	PASS
56	/	/	18.5	PASS

LT = Less Than

mg/kg = milligrams per kilogram (ppm=parts per million)

* = Average of duplicate analyses

TOTAL HEAVY METALS CONTENT – INITIAL ANALYSIS FOR SOLUBLE HEAVY METALS CONTENT IN SUBSTRATE (ASTM F963-17, Section 4.3.5.2(2)(b))

Test Method: ASTM International Standard ASTM F963-17, Section 8.3.1 and Annex A7.

Analyte	As	Ba	Cd	Cr	Hg	Pb	Sb	Se
Max. Limit Type I (mg/kg)	25	1000	75	60	60	90	60	500
Max. Limit Type II (mg/kg)	25	250	50	25	25	90	60	500

Analyte	As	Ba	Cd	Cr	Hg	Pb	Sb	Se	Conclusion
Sample	Result (mg/kg)								
16	LT 5	46.6	13.9	LT 10	LT 10	10.9	LT 10	LT 10	PASS
18	LT 5	LT 10	LT 10	LT 10	LT 10	LT 10	LT 10	LT 10	PASS
42	LT 5	LT 10	LT 10	LT 10	LT 10	LT 10	22.6	LT 10	PASS
17	LT 5	49.5	LT 10	LT 10	LT 10	LT 10	LT 10	LT 10	PASS
19+21	LT 5	LT 10	LT 10	LT 10	LT 10	LT 10	LT 10	LT 10	PASS
20	LT 5	LT 10	LT 10	LT 10	LT 10	LT 10	LT 10	LT 10	PASS
28	LT 5	731	LT 10	LT 10	LT 10	61.2	64.8	LT 10	DATA
46	LT 5	LT 10	LT 10	LT 10	LT 10	LT 10	LT 10	LT 10	PASS
48	LT 5	1336	LT 10	14.6	LT 10	76.0	73.7	LT 10	DATA
1+3+5	LT 5	178	LT 10	LT 10	LT 10	12.2	LT 10	LT 10	PASS
2+4+10	LT 5	LT 10	LT 10	LT 10	LT 10	LT 10	22.6	LT 10	PASS



**BUREAU
VERITAS**

PINGHU XH CHILDREN PRODUCTS CO., LTD

Technical Report: **(6619)254-0858**

November 22, 2019

Page 13 of 19

6+7+8	LT 5	43.3	LT 10	LT 10	LT 10	LT 10	46.4	LT 10	PASS
9+14+15	LT 5	150	LT 10	LT 10	LT 10	11.6	75.0	LT 10	DATA
11+12+13	LT 5	101	LT 10	LT 10	LT 10	LT 10	91.0	LT 10	DATA
23	LT 5	1000	LT 10	LT 10	LT 10	LT 10	LT 10	LT 10	DATA
24	LT 5	907	LT 10	LT 10	LT 10	LT 10	LT 10	LT 10	PASS
25	LT 5	872	LT 10	LT 10	LT 10	LT 10	LT 10	LT 10	PASS
29+30+31	LT 5	LT 10	LT 10	LT 10	LT 10	LT 10	22.3	LT 10	PASS
32+33+34	LT 5	87.1	LT 10	14.6	LT 10	12.3	103	LT 10	DATA
35	LT 5	LT 10	LT 10	LT 10	LT 10	LT 10	LT 10	LT 10	PASS
36+37+39	LT 5	LT 10	LT 10	LT 10	LT 10	LT 10	LT 10	LT 10	PASS
40+41	LT 5	43.6	LT 10	41.8	LT 10	LT 10	49.6	LT 10	DATA
43+44	LT 5	LT 10	LT 10	LT 10	LT 10	LT 10	68.8	LT 10	DATA
45+47	LT 5	36.3	LT 10	LT 10	LT 10	LT 10	LT 10	LT 10	PASS
49	LT 5	LT 10	LT 10	LT 10	LT 10	LT 10	LT 10	LT 10	PASS

mg/kg = milligrams per kilogram (ppm=parts per million)
LT = Less Than
ND = None Detected

As = Arsenic, Ba = Barium, Cd = Cadmium,
Cr = Chromium, Hg = Mercury, Pb = Lead,
Sb = Antimony, Se = Selenium



SOLUBLE HEAVY METALS CONTENT IN SUBSTRATE (ASTM F963-17, Section 4.3.5.2(2)(b))

Test Method: ASTM International Standard ASTM F963-17, Section 8.3.5 (Excluding 8.3.5.5(3))

Type I: Substrate other than modeling clay

Analyte	As	Ba	Cd	Cr	Hg	Pb	Sb	Se
Max. Limit Type I (mg/kg)	25	1000	75	60	60	90	60	500
Max. Limit Type II (mg/kg)	25	250	50	25	25	90	60	500
Analytical Correction	60%	30%	30%	30%	50%	30%	60%	60%

Analyte	As	Ba	Cd	Cr	Hg	Pb	Sb	Se	Mass of Trace Amount (g)	Conclusion
Sample	Result (mg/kg)									
38	LT 2.5	LT 5	LT 5	LT 5	LT 5	-	LT 5	LT 5	-	PASS
17	LT 2.5	LT 5	LT 5	LT 5	LT 5	LT 5	LT 5	LT 5	-	PASS
28	LT 2.5	LT 5	LT 5	LT 5	LT 5	LT 5	LT 5	LT 5	-	PASS
48	LT 2.5	LT 5	LT 5	LT 5	LT 5	LT 5	LT 5	LT 5	-	PASS
9	LT 2.5	LT 5	LT 5	LT 5	LT 5	LT 5	LT 5	LT 5	-	PASS
14	LT 2.5	LT 5	LT 5	LT 5	LT 5	LT 5	LT 5	LT 5	-	PASS
15	LT 2.5	LT 5	LT 5	LT 5	LT 5	LT 5	LT 5	LT 5	-	PASS
11	LT 2.5	LT 5	LT 5	LT 5	LT 5	LT 5	LT 5	LT 5	-	PASS
12	LT 2.5	LT 5	LT 5	LT 5	LT 5	LT 5	LT 5	LT 5	-	PASS
13	LT 2.5	LT 5	LT 5	LT 5	LT 5	LT 5	LT 5	LT 5	-	PASS
23	LT 2.5	LT 5	LT 5	LT 5	LT 5	LT 5	LT 5	LT 5	-	PASS
32	LT 2.5	LT 5	LT 5	LT 5	LT 5	LT 5	LT 5	LT 5	-	PASS
33	LT 2.5	LT 5	LT 5	LT 5	LT 5	LT 5	LT 5	LT 5	-	PASS
34	LT 2.5	LT 5	LT 5	LT 5	LT 5	LT 5	LT 5	LT 5	-	PASS
40	LT 2.5	LT 5	LT 5	LT 5	LT 5	LT 5	LT 5	LT 5	-	PASS
41	LT 2.5	LT 5	LT 5	LT 5	LT 5	LT 5	LT 5	LT 5	-	PASS
43	LT 2.5	LT 5	LT 5	LT 5	LT 5	LT 5	LT 5	LT 5	-	PASS
44	LT 2.5	LT 5	LT 5	LT 5	LT 5	LT 5	LT 5	LT 5	-	PASS

mg/kg = milligrams per kilogram (ppm=parts per million)

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



**BUREAU
VERITAS**

PINGHU XH CHILDREN PRODUCTS CO., LTD

Technical Report: **(6619)254-0858**

November 22, 2019

Page 15 of 19

CR = adjusted analytical result

LT = Less Than

ND = None Detected

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

Sb = Antimony, Se = Selenium

BBP/DBP/DEHP/DnHP/DIDP PHTHALATES CONTENT REQUIREMENTS IN TOYS, CHILD CARE ARTICLES AND WATCHES (California Proposition 65 settlements of County of Sacramento case number 07AS04683, and the Alameda Superior Court case numbers BG07350969, RG08367601, RG07351032 and RG08378050)

Test Parameter	BBP	DBP	DEHP	DnHP	DIDP	
Limit (%)	0.1	0.1	0.1	0.1	0.1	
Sample	Result (%)					Conclusion
1+3+5	ND	ND	ND	ND	ND	PASS
2+4+10	ND	ND	ND	ND	ND	PASS
6+7+8	ND	ND	ND	ND	ND	PASS
9+14+15	ND	ND	ND	ND	ND	PASS
11+12+13	ND	0.00803	ND	ND	ND	PASS
16	ND	ND	ND	ND	ND	PASS
18	ND	ND	0.0208	ND	ND	PASS
42	ND	ND	ND	ND	ND	PASS
17	ND	ND	0.00869	ND	ND	PASS
19+21	ND	ND	ND	ND	ND	PASS
20	ND	ND	ND	ND	ND	PASS
28	ND	ND	0.0230	ND	ND	PASS
23	ND	ND	ND	ND	ND	PASS
24	ND	ND	ND	ND	ND	PASS
25	ND	ND	ND	ND	ND	PASS
26+27	ND	ND	ND	ND	ND	PASS
29+30+31	ND	ND	0.0111	ND	ND	PASS
32+33+34	ND	ND	ND	ND	ND	PASS
35	ND	ND	ND	ND	ND	PASS
36+37+39	ND	ND	ND	ND	ND	PASS
40+41	ND	ND	ND	ND	ND	PASS
43+44	ND	ND	ND	ND	ND	PASS
45+47	ND	ND	ND	ND	ND	PASS
46+48	ND	ND	0.0119	ND	ND	PASS
49	ND	ND	ND	ND	ND	PASS

Detection Limit :

BBP = Butyl benzyl phthalate (0.005%)

DBP = Dibutyl phthalate (0.005%)

DEHP = Di(2-ethylhexyl) phthalate (0.005%)

DnHP = Di-n-hexyl phthalate (0.005%)

DIDP = Di-iso-decyl phthalate (0.005%)

Results reported in percentage

LT = Less than

ND = None detected



**BUREAU
VERITAS**

PINGHU XH CHILDREN PRODUCTS CO., LTD

Technical Report: **(6619)254-0858**

November 22, 2019

Page 16 of 19

PHthalATES CONTENT IN CHILDREN'S TOYS AND CHILD CARE ARTICLES (Consumer Product Safety Improvement Act (CPSIA) of 2008, Section 108(a) and 108(c), 16 CFR 1307)

Test Method: With reference to U. S. CPSC-CH-C1001-09.3 (April 1, 2010) / CPSC-CH-C1001-09.4 (January 17, 2018).

Test Parameter:	Listed Phthalates (See Remark)		
Requirement:	Each 0.1%		
Sample ID	Detected Analyte	Concentration (%)	Conclusion
1+3+5	ND	ND	PASS
2+4+10	ND	ND	PASS
6+7+8	ND	ND	PASS
9+14+15	ND	ND	PASS
11+12+13	DBP	0.00803	PASS
16	ND	ND	PASS
18	ND	ND	PASS
42	ND	ND	PASS
17	DEHP	0.00869	PASS
19+21	ND	ND	PASS
20	ND	ND	PASS
28	DEHP	0.0230	PASS
23	ND	ND	PASS
24	ND	ND	PASS
25	ND	ND	PASS
26+27	ND	ND	PASS
29+30+31	DEHP	0.0111	PASS
32+33+34	ND	ND	PASS
35	ND	ND	PASS
36+37+39	ND	ND	PASS
40+41	ND	ND	PASS
43+44	ND	ND	PASS
45+47	ND	ND	PASS
46+48	DEHP	0.0119	PASS
49	ND	ND	PASS

Results reported in percentage

ND = None detected

Detection Limit: Each Phthalate (0.005%)



**BUREAU
VERITAS**

PINGHU XH CHILDREN PRODUCTS CO., LTD

Technical Report: **(6619)254-0858**

November 22, 2019

Page 17 of 19

LIST OF RESTRICTED PHTHALATES		
Number	Chemical Name	CAS Number
1.	Butyl benzyl phthalate (BBP)	85-68-7
2.	Dibutyl phthalate (DBP)	84-74-2
3.	Di(2-ethylhexyl) phthalate (DEHP)	117-81-7
4.	Di-iso-nonyl phthalate (DINP)	28553-12-0 & 68515-48-0
5.	Di-iso-butyl phthalate (DIBP)	84-69-5
6.	Di-n-pentyl phthalate (DPENP or DnPP)	131-18-0
7.	Di-n-hexyl phthalate (DHEXP or DnHP)	84-75-3
8.	Dicyclohexyl phthalate (DCHP)	84-61-7



**BUREAU
VERITAS**

PINGHU XH CHILDREN PRODUCTS CO., LTD

Technical Report: **(6619)254-0858**

November 22, 2019

Page 18 of 19





**BUREAU
VERITAS**

PINGHU XH CHILDREN PRODUCTS CO., LTD

Technical Report: **(6619)254-0858**

November 22, 2019

Page 19 of 19



END OF REPORT