

Test Report

Number: SHAH01609561S1

Applicant: PINGHU SHUANGXI BABY CARRIER MANUFACTURE CO., LTD.
XINCANG TOWN, PINGHU CITY, ZHEJIANG PROVINCE, CHINA
Attn: SHARON FU

Date: Sep 07, 2023

THIS IS TO SUPERSEDE REPORT NO. SHAH01609561 DATED Sep 07, 2023

Sample Description:

One (1) group of submitted sample said to be :
Item Name : SX2328
Age Group for testing : 13+

Tests Conducted:

As requested by the applicant, for details refer to attached page(s).

Conclusion:

Tested sample	Standard	Result
Tested component(s) of submitted samples	U.S. Consumer Product Safety Improvement Act 2008 Title I, Sec 108(a) & (b)(3) and US 16 CFR Part 1307 for Prohibition of Children's Toys and Child Care Articles Containing Specified Phthalates	Pass
Other tested component(s) of submitted samples	U.S. ASTM F963-23 on Phthalate content	Pass
Tested component(s) of submitted samples	U.S. ASTM F963-23 on soluble heavy elements test	Pass
	U.S. ASTM F963-23 on total Lead content in non-surface coating	Pass
Tested component(s) of submitted samples	U.S. Consumer Product Safety Improvement Act 2008 Title I, Section 101 for Total Lead content in Non-surface coating materials (substrate)	Pass
Submitted sample	ASTM F2641-2008 (R2015): Standard Consumer Safety Specification for: Recreational Powered Scooters and Pocket Bikes	Pass
	ASTM F2642-2008 (R2015): Standard Consumer Safety Specification for Safety Instructions and Labeling for Recreational Powered Scooters and Pocket Bikes	Pass

To be continued

Authorized By:
For Intertek Testing Services Ltd., Shanghai



Bill Zhang
General Manager



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Tests Conducted

1 Phthalate Content (U.S. 16 CFR Part 1307)

With reference to CPSC-CH-C1001-09.4, by Gas Chromatographic-Mass Spectrometric (GC-MS) analysis.

Test Item	CAS No.	Result				Units	D.L.	Limit	
		1	2	3	5				
Dibutyl phthalate (DBP)	84-74-2	ND	ND	ND	ND	%	0.01	0.1	
Di-(2-ethylhexyl) phthalate (DEHP)	117-81-7	0.024	ND	ND	ND	%	0.01	0.1	
Benzyl butyl phthalate (BBP)	85-68-7	ND	ND	ND	ND	%	0.01	0.1	
Di-isononyl phthalate (DINP)	28553-12-0 68515-48-0	ND	ND	ND	ND	%	0.01	0.1	
Di-isobutyl phthalate (DIBP)	84-69-5	ND	ND	ND	ND	%	0.01	0.1	
Di-n-pentyl phthalate (DPENP)	131-18-0	ND	ND	ND	ND	%	0.01	0.1	
Di-n-hexyl phthalate (DnHP/DHEXP)	84-75-3	ND	ND	ND	ND	%	0.01	0.1	
Di-cyclohexyl phthalate (DCHP)	84-61-7	ND	ND	ND	ND	%	0.01	0.1	
Test Item	CAS No.	Result					Units	D.L.	Limit
		6	7	8	9	10			
Dibutyl phthalate (DBP)	84-74-2	ND	ND	ND	ND	ND	%	0.01	0.1
Di-(2-ethylhexyl) phthalate (DEHP)	117-81-7	ND	ND	ND	0.014	ND	%	0.01	0.1
Benzyl butyl phthalate (BBP)	85-68-7	ND	ND	ND	ND	ND	%	0.01	0.1
Di-isononyl phthalate (DINP)	28553-12-0 68515-48-0	ND	ND	ND	ND	ND	%	0.01	0.1
Di-isobutyl phthalate (DIBP)	84-69-5	ND	ND	ND	ND	ND	%	0.01	0.1
Di-n-pentyl phthalate (DPENP)	131-18-0	ND	ND	ND	ND	ND	%	0.01	0.1
Di-n-hexyl phthalate (DnHP/DHEXP)	84-75-3	ND	ND	ND	ND	ND	%	0.01	0.1
Di-cyclohexyl phthalate (DCHP)	84-61-7	ND	ND	ND	ND	ND	%	0.01	0.1

Remarks:

D.L. = Detection Limit

ND = Not detected

The above limit was quoted according to US 16 CFR Part 1307 for Prohibition of Children's Toys and Child Care Articles Containing Specified Phthalates.

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



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2 Phthalate Content (U.S. ASTM F963-23)

As per Section 4.3.8 of the ASTM Standard Consumer Safety Specification on Toy Safety F963-23, test method CPSC-CH-C1001-09.4 was used and followed by Gas Chromatographic-Mass Spectrometric (GC-MS) analysis.

Test Item	CAS No.	Result				Units	D.L.	Limit	
		1	2	3	5				
Dibutyl phthalate (DBP)	84-74-2	ND	ND	ND	ND	%	0.01	0.1	
Di-(2-ethylhexyl) phthalate (DEHP)	117-81-7	0.024	ND	ND	ND	%	0.01	0.1	
Benzyl butyl phthalate (BBP)	85-68-7	ND	ND	ND	ND	%	0.01	0.1	
Di-isononyl phthalate (DINP)	28553-12-0 68515-48-0	ND	ND	ND	ND	%	0.01	0.1	
Di-isobutyl phthalate (DIBP)	84-69-5	ND	ND	ND	ND	%	0.01	0.1	
Di-n-pentyl phthalate (DPENP)	131-18-0	ND	ND	ND	ND	%	0.01	0.1	
Di-n-hexyl phthalate (DnHP/DHEXP)	84-75-3	ND	ND	ND	ND	%	0.01	0.1	
Di-cyclohexyl phthalate (DCHP)	84-61-7	ND	ND	ND	ND	%	0.01	0.1	
Test Item	CAS No.	Result					Units	D.L.	Limit
		6	7	8	9	10			
Dibutyl phthalate (DBP)	84-74-2	ND	ND	ND	ND	ND	%	0.01	0.1
Di-(2-ethylhexyl) phthalate (DEHP)	117-81-7	ND	ND	ND	0.014	ND	%	0.01	0.1
Benzyl butyl phthalate (BBP)	85-68-7	ND	ND	ND	ND	ND	%	0.01	0.1
Di-isononyl phthalate (DINP)	28553-12-0 68515-48-0	ND	ND	ND	ND	ND	%	0.01	0.1
Di-isobutyl phthalate (DIBP)	84-69-5	ND	ND	ND	ND	ND	%	0.01	0.1
Di-n-pentyl phthalate (DPENP)	131-18-0	ND	ND	ND	ND	ND	%	0.01	0.1
Di-n-hexyl phthalate (DnHP/DHEXP)	84-75-3	ND	ND	ND	ND	ND	%	0.01	0.1
Di-cyclohexyl phthalate (DCHP)	84-61-7	ND	ND	ND	ND	ND	%	0.01	0.1



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Remarks:

D.L. = Detection Limit

ND = Not Detected

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

3 **Heavy Elements Analysis (U.S. ASTM F963-23)**

As per Section 4.3.5 and Section 8.3.2 to 8.3.5 of the ASTM Standard Consumer Safety Specification on Toy Safety F963-23, heavy elements migration content were determined by Inductively Coupled Argon Plasma Spectrometry.

Non-modelling clay

Test Item	Result					Units	D.L.	Limit
	1	2	3	4	5			
Barium (Ba)	ND	44	ND	ND	ND	mg/kg	5	1000
Lead (Pb)	ND	ND	ND	ND	ND	mg/kg	5	90
Cadmium (Cd)	ND	ND	ND	ND	ND	mg/kg	5	75
Antimony (Sb)	ND	ND	ND	ND	ND	mg/kg	5	60
Selenium (Se)	ND	ND	ND	ND	ND	mg/kg	5	500
Chromium (Cr)	ND	ND	ND	ND	ND	mg/kg	5	60
Mercury (Hg)	ND	ND	ND	ND	ND	mg/kg	5	60
Arsenic (As)	ND	ND	ND	ND	ND	mg/kg	2.5	25

Test Item	Result					Units	D.L.	Limit
	6	7	8	9	10			
Barium (Ba)	ND	ND	ND	6.3	ND	mg/kg	5	1000
Lead (Pb)	ND	ND	ND	ND	ND	mg/kg	5	90
Cadmium (Cd)	ND	ND	ND	ND	ND	mg/kg	5	75
Antimony (Sb)	ND	ND	ND	ND	ND	mg/kg	5	60
Selenium (Se)	ND	ND	ND	ND	ND	mg/kg	5	500
Chromium (Cr)	ND	ND	ND	ND	ND	mg/kg	5	60
Mercury (Hg)	ND	ND	ND	ND	ND	mg/kg	5	60
Arsenic (As)	ND	ND	ND	ND	ND	mg/kg	2.5	25

Remarks:

D.L. = Detection Limit

ND = Not Detected

The analytical results were adjusted by subtracting analytical correction factor.

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



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4 **Total Lead (Pb) Content in Non-Surface Coating (U.S. ASTM F963-23)**

With reference to Section 4.3.5 of the ASTM Standard Consumer Safety Specification on Toy Safety F963-23, test method CPSC-CH-E1001-08.3 or/and CPSC-CH-E1002-08.3 were used and total Lead content was determined by Inductively Coupled Plasma - Optical Emission Spectrometry and/or Atomic Absorption Spectrometry.

Test Item	Result					Units	D.L.	Limit
	1	2	3	4	5			
Lead (Pb)	ND	ND	ND	ND	ND	mg/kg	10	100
Test Item	Result					Units	D.L.	Limit
	6	7	8	9	10			
Lead (Pb)	ND	ND	ND	ND	42	mg/kg	10	100

Remarks:

D.L. = Detection Limit

ND = Not Detected

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

5 **Total Lead (Pb) Content in Non-Surface Coating Materials (Substrate) (U.S. CPSIA Section 101)**

With reference to Standard Operating Procedures for Determining total Lead (Pb) in children's products, test methods CPSC-CH-E1002-08.3 and/or CPSC-CH-E1001-08.3 were used and total Lead content was determined by Inductively Coupled Argon Plasma Spectrometry.

Test Item	Result					Units	D.L.	Limit
	1	2	3	4	5			
Lead (Pb)	ND	ND	ND	ND	ND	mg/kg	10	100
Test Item	Result					Units	D.L.	Limit
	6	7	8	9	10			
Lead (Pb)	ND	ND	ND	ND	42	mg/kg	10	100

Remarks:

D.L. = Detection Limit

The above limit was quoted according to U.S. Consumer Product Safety Improvement Act 2008 Title I, Section 101 for total Lead content in Non-surface coating materials.

mg/kg = parts per million = ppm

ND = Not detected

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



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6. CONSUMER SAFETY SPECIFICATION FOR POWERED SCOOTERS△

With reference to ASTM F2641-2008(R2015): Standard Consumer Safety Specification for: Recreational Powered Scooters and Pocket Bikes¹, the submitted sample was subjected to the following test:

Number of Sample Tested: One (1) Piece

Initial inspection: No any damage was found.

Executive Summary:

Clause	Test items	Verdict
4	General Requirements	-
5	Specific Requirements	-
5.1	Brakes	P
5.2	Electrical Systems	See report 230800828HAN-001
5.3	Latching Devices	NA
5.4	Curb Impact Tests	P
5.5	Folding Mechanisms, Hinges, and Clearances	P
5.6	Fasteners	P
5.7	Plastics	#
5.8	Shields and Guards	P
5.9	Dynamic Strength	P
5.10	Static Strength	P
5.11	Wheel Retention	P
5.12	Grip Retention	P
5.13	Handle Stem	P
5.14	Dynamic Brake Test	P
5.15	Paint	P (see #1)
5.16	Material Quality	P
5.17	Toxicology, Hazardous Substances	P
5.18	Molded Edges	P
5.19	Exposed Bolts or Threaded Rods	P
5.20	Accessible Points	P
5.21	Accessible Edges	P
5.22	Labels and Warning Labels	P
6	Test Methods	-

Abbreviation: **P=Pass**; **NA=Not Applicable**

Note:

#= Certificate of compliance document was provided for verification, no actual test was conducted.

Date Sample Received: Aug 17, 2023

Testing Period: Aug 17, 2023 to Sep 06, 2023



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7. Standard Consumer Safety Specification for Safety Instructions and Labeling for Recreational Powered Scooters and Pocket Bikes△

With reference to ASTM F2642-2008 (R2015): Standard Consumer Safety Specification for Safety Instructions and Labeling for Recreational Powered Scooters and Pocket Bikes, the submitted sample was subjected to the following test:

Number of Sample Tested: One (1) Piece

Initial inspection: No any damage was found.

Executive Summary:

Clause	Test items	Verdict
1	Scope	-
2	Referenced Documents	-
3	Terminology	-
4	Safety Instructions	P
5	Maintenance Instructions	P
6	Marking and Labeling	P
7	Retail Box	P

Abbreviation: P=Pass

Date Sample Received: Aug 17, 2023

Testing Period: Aug 17, 2023 to Sep 06, 2023

#1 Total Lead (Pb) content in surface coating

As per test method CPSC-CH-E1003-09.1, and total Lead content was followed by Inductively Coupled Argon Plasma Spectrometry.

<u>Tested Sample/Component</u>	<u>Result (ppm)</u>	<u>Detection</u>	<u>Design</u>	<u>Regulatory</u>
		<u>Limit (ppm)</u>	<u>Limit (ppm)</u>	<u>Limit (ppm)</u>
(1)	ND	20	30	90
(2+3)	ND	20	30	90

Remark: ppm = Parts per million = mg/kg

ND=Not Detected

Tested components:

- (1) Black coating on metal
- (2) Grey coating on soft plastic (front fork)
- (3) Yellow coating on soft plastic (front fork)



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Picture 1



Picture 2



Picture 3



Picture 4



Picture 5



Picture 6

Date Sample Received: Aug 17, 2023
 Testing Period: Aug 17, 2023 to Aug 23, 2023

Component List

No.	Test Component Description(s)
(1)	Silver color plastic film with black coating.(sticker on motor) (sample weight:31 mg)
(2)	Black synthetic fabric with grey/yellow printings.(head)
(3)	Transparent plastic.(cover)
(4)	Black soft plastic.(break)
(5)	Red plastic.
(6)	Blue plastic.



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(7)	Pink plastic.
(8)	Green plastic.
(9)	Black synthetic fabric.(seat)
(10)	Black soft plastic.(tyre)

The sample weight in bracket was for soluble toxic elements analysis only.

Remark △ Test item is tested in Intertek CNAS L13980.

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 Shanghai Ltd.



To: PINGHU SHUANGXI BABY CARRIER MANUFACTURE CO., LTD.

Attention: SHARON FU

Date: May 06, 2023

Re: Report Revision Notification

Intertek Testing Services Report Number SHAH01609561 Dated Sep 07, 2023.

Please be informed that all the content recorded in the above captioned report will be void. This captioned report is now superseded by a revised Intertek Testing Services Report Number **SHAH01609561S1**.

Reason for report revision: Amend the test standard of U.S ASTM F963.

Thank you for your attention.

Authorized By:
For Intertek Testing Services Ltd., Shanghai



Bill Zhang
General Manager

