

#### Prepared for:

SHANGHAI MONTASEN MATERNAL AND CHILDREN PRODUCT CO., LTD.

NO.138, BEICUN ROAD, FENGXIAN DISTRICT, SHANGHAI, CHINA

**Product Name: Bicycle** 

Model No.: MB07-14, MB07-16

Trade Mark: montasen

Date of Test: From November 14, 2023 to November 17, 2023

Date of Report: November 17, 2023

Report Number: HK23111413320-1RR

#### Prepared by:

Shenzhen HUAK Testing Technology Co., LTD.

1-2/F., Building B2, Junfeng Zhongcheng Zhizao Innovation Park, Heping Community, Fuhai Street, Bao'an District, Shenzhen, Guangdong, China

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Applicant: SHANGHAI MONTASEN MATERNAL AND CHILDREN PRODUCT CO., LTD.

Address: NO.138, BEICUN ROAD, FENGXIAN DISTRICT, SHANGHAI, CHINA

Manufacturer: SHANGHAI MONTASEN MATERNAL AND CHILDREN PRODUCT CO., LTD.

Address: NO.138, BEICUN ROAD, FENGXIAN DISTRICT, SHANGHAI, CHINA

The following sample was submitted and identified by/on behalf of the client as:

Product Name: Bicycle

Model No.: MB07-14, MB07-16

Trade Mark: montasen

Tested Age Grade: 4-8 years old

Labeled Age Grading: 4-8 years old

Appropriate Age Grade: 4-8 years old

Sample Receiving Date: November 14, 2023

Testing Period: From November 14, 2023 to November 17, 2023

Results: Please refer to next page(s).

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Signed for and on behalf of HUAK

Approved by:

Lab Manager



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#### **Information of the Test Laboratory**

Shenzhen HUAK Testing Technology Co., Ltd.

Add.: 1-2/F., Building B2, Junfeng Zhongcheng Zhizao Innovation Park, Heping Community, Fuhai Street, Bao'an District, Shenzhen, Guangdong, China

Testing Laboratory Authorization:

A2LA Accreditation Code is 4781.01.

FCC Designation Number is CN1229.

Canada IC CAB identifier is CN0045.

CNAS Registration Number is L9589.

CPSC Certification Number is 1710.

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**Summary of Test Results:** 

TEST	REQUEST	CONCLUSION
A	ASTM F963-17 Standard Consumer Safety Specification for Toy Safety	
	1Mechanical and Physical Tests	PASS
	2Section 4.2 Flammability Tests	PASS
	3Section 4.3.5.1 Heavy Metals Content in paint and similar surface coating material	PASS
	4Section 4.3.5.2 Heavy Metals Content in Toy Substrate Materials	NA
BHUME	- USA 16 CFR Part 1303 Ban of Lead Containing Paint and Certain Consumer Products Bearing Lead- Containing Paint	PASS
AV CSTING	<ul> <li>- USA Consumer Product Safety Improvement Act (CPSIA) Sec.101 Children's products containing Lead; Lead paint rule</li> <li>- CPSIA section 101(a)(2)-Lead in accessible substrate materials and 15 U.S.C.</li> <li>§ 1278a Lead in Children's products</li> </ul>	PASS
D HUME	<ul> <li>USA Consumer Product Safety Improvement Act (CPSIA) Sec.108 Prohibition on sale of certain products containing specified phthalates</li> <li>USA 16 CFR Part 1307 Prohibition of Children's Toys and Child Care Articles Containing Specified Phthalates</li> </ul>	PASS
E	-CPSA Section 14(a) (5) Tracking Labels for Children's Products (15 USC §2063(a)(5) (CPSA))	PASS
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#### Results:

## A.1 ASTM F963-17 Standard Consumer Safety Specification for Toy Safety -Mechanical and Physical Tests

Applicable Section	Description	Result
4	Safety requirements	
4.1	Material quality	Pass
4.3.6	Cosmetics, Liquids, Pastes, Putties, Gels, Powders, and Items of Avian Feather Origin	NA
4.3.7	Stuffing Materials	NA
4.4	Electrical/thermal energy	NA
4.5	Sound producing toys	NA
4.6	Small objects	Pass
4.7	Accessible edges	Pass
4.8	Projections	Pass
4.9	Accessible points	NA
4.10	Wires or rods	Pass
4.11	Nails and fasteners	Pass
4.12	Plastic film	Pass
4.13	Folding mechanisms and hinges	Pass
4.14	Cords, Straps, and Elastics	NA
4.15	Stability and over-load requirements	Pass
4.16	Confined spaces	NA
4.17	Wheels, tires, and axles	Pass
4.18	Holes, clearance, and accessibility of mechanisms	Pass
4.19	Simulated protective devices	NA
4.20	Pacifiers with the same and the	NA
4.21	Projectile Toys	NA
4.22	Teethers and Teething Toys	NA
4.23	Rattles	NA
4.24	Squeeze toys	NA
4.25	Battery-operated toys	NA
4.26	Toys intended to be attached to a crib or playpen	NA
4.27	Stuffed and beanbag-type toys	NA

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Applicable Section	Description	Result
4.28	Stroller carriage toys	NA
4.29	Art materials	NA
4.30	Toy gun marking	NA
4.31	Balloons	NA
4.32	Certain toys with spherical ends	NA
4.33	Marbles Marbles	NA NA
4.34	Balls	NA
4.35	Pompoms	NA
4.36	Hemispheric-shaped objects	NA
4.37	Yo Yo elastic tether toys	NA
4.38	Magnets	NA
ø 4.39	Jaw entrapment in handles and steering wheels	Pass
4.40	Expanding Materials	NA
4.41	Toy Chests	NA NA
5	Labeling requirements	
5.1	Federal Government Requirements	Pass
5.2	Age grading labeling	Pass
5.3	Safety labeling requirements	Pass
5.4	Aquatic Toys	NA
5.5	Crib and Playpen Toys	NA
5.6	Mobiles	NA NA
5.7	Stroller and Carriage Toys	NA
5.8	Toys Intended to be Assembled By an Adult	Pass
5.9	Simulated Protective Devices	NA NA
5.10	Toys with Functional Sharp Edges or Points	NA
5.11	Small objects, Small balls, Marbles and balloons	NA NA
5.12	Toy Caps	NA
5.13	Art Materials	NA
5.14	Electric Toys	NA
5.15	Battery-Operated Toys	NA
5.16	Promotional Materials	○ NA
5.17	Magnets	NA



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Applicable Section	Description	Result
6.1	Definition and description	Pass
6.2	Crib and Playpen Toys	NA
6.3	Mobiles	NA
6.4	Toys Intended to be Assembled By an Adult	Pass
6.5	Battery-Operated Toys	NA
6.6	Battery Powered Ride-on Toys	NA NA
6.7	Toys in Contact with Food	NA
6.8	Toys Chests	NA
7	Producer's markings	
7.1	Name and address of the producer or distributor	Pass
7.2	Battery-Powered Ride-on Toys	NA
7.3	Toy chests	NA

#### Note:

Use and abuse testing:

Applicable Section	Description	Test Condition	Result	
8.5	Normal use testing		Pass	
8.6	Abuse testing	ESTING A TESTING	Pass	
8.7	Impact test	4dropsat3.0ft.	Pass	
8.8	Torque test	4in-lbf.	Pass	
8.9	Tension test	15lbf.	Pass	
8.10	Compression test	30lbf.	Pass	

#### A.2 Section 4.2 Flammability

Flammability test of material

Method used: FHSA 16 CFR 1500.44: Method for determining extremely flammable and flammable solids.

Sample	Burn rate (in/sec.)	Result
Purple rubber handle	TESTING DNI	Pass Pass

Note: In accordance withthe ASTMF963, the burning rate should not be greater than 0.1 inch per second.

DNI =Did Not Ignited SE= Self-Extinguished IBE= Ignite But Extinguished

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<sup>--</sup>NA= Not Applicable

<sup>--</sup> NC = Not Conducted (According to customer requirement, no evaluation of this clause)



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Tested part(s):

Seq. no	HUAR	HUAR	Part(s) name	W HILAN	HUAN
, 1			Purple, pink coating		

#### A.3 Section 4.3.5.1 Heavy Metals content in paint and similar surface coating material

#### (1) Total Lead Content

Test method: With reference to ASTM F963-17 Section 8.3.1, sample was digested with acid mixture and analyzed by inductively coupled plasma atomic emission spectrometer (ICP-AES).

ltom	Item Unit MDL		Results	Limit(Each)
item			WTESTING WE	Lillil(Each)
Lead Content (Pb)	mg/kg	2	3 NUMBER 3	90
Conclusion	1	CING	Pass	1

#### (2) Soluble Heavy Metals Content

Test method: With reference to ASTM F963-17 Section 8.3.2. The heavy metals content was determined by

inductively Coupled plasma atomic emission spectrometer (ICP-AES).

lta	Unit MDL		Results	1 ::4	
ltem	Unit	MIDE	1	Limit	
Soluble Lead (Pb)	mg/kg	2	N.D.	90	
Soluble Antimony (Sb)	mg/kg	2	N.D.	60	
Soluble Arsenic (As)	mg/kg	2	N.D.	25	
Soluble Barium (Ba)	mg/kg	2	322	1000	
Soluble Cadmium (Cd)	mg/kg	2	N.D.	75	
Soluble Chromium (Cr)	mg/kg	<sub>3</sub> 2	N.D.	60	
Soluble Mercury (Hg)	mg/kg	2	N.D.	60	
Soluble Selenium (Se)	mg/kg	2	N.D.	500	
Conclusion	1	<b>9</b>	Pass	I	



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#### A.4 Section 4.3.5.2Heavy Metals Content in Toy Substrate Materials

#### (1) Total Lead Content

**Test method**: With reference to ASTM F963-17 Section 8.3.1, sample was digested with acid mixture and analyzed by inductively coupled plasma atomic emission spectrometer (ICP-AES).

lt	l ladié	MDI	Results	Limit/Fools)
ltem	Unit	MDL	NA MARTIES III	Limit(Each)
Lead Content (Pb)	mg/kg	2	NA NA	100
Conclusion	1	WAY WAR	NA NA	6 1 1 m

#### (2) Soluble Heavy Metals Content

**Test method**: With reference to ASTM F963-17 Section 8.3.2. The heavy metals content was determined by inductively Coupled plasma atomic emission spectrometer (ICP-AES).

l4am	Item Unit		Results	l imit		
ltem	Unit	MDL	MA WHOM	Limit		
Soluble Lead (Pb)	mg/kg	<u> </u>	NA NA	90		
Soluble Antimony (Sb)	mg/kg	2	NA HUMETES	60		
Soluble Arsenic (As)	mg/kg	2	NA NA	25		
Soluble Barium (Ba)	mg/kg	2	NA O	1000		
Soluble Cadmium (Cd)	mg/kg	2	NA	75		
Soluble Chromium (Cr)	mg/kg	2 5 7111	NA NA	60		
Soluble Mercury (Hg)	mg/kg	2	NA O POPE	60		
Soluble Selenium (Se)	mg/kg	2	NA TSTING	500		
Conclusion	1 60 1	Jan 1	NA NA	NASTING		

#### Remark

Maximum acceptable element migration from toy materials

Toy material	TING	Element (mg/kg)						ESTING (
Toy material	Sb	As	Ва	Cd	Cr	Pb	Hg	Se
Surface Coatings and Substrates Other Than Modeling Clay Included as Part of a Toy	60	25	1000	75	60	90	60	500
Modelling Clays Included as Part of a Toy	60	25	250	50	25	90	25	500

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### B. USA 16 CFR Part 1303 Ban of Lead Containing Paint and Certain Consumer Products Bearing Lead- Containing Paint

**Test method:** With reference to CPSC-CH-E1003-09.1, sample was digested with acid mixture and analyzed by inductively coupled plasma atomic emission spectrometer (ICP-AES)

14	11!4	MDI	Results	1 ::4/ <b>5</b> (-)	
Item	Unit	MDL	1 TESTING	Limit(Each)	
Lead Content (Pb)	mg/kg	5	N.D.	90	
Conclusion	1	PAK TES	Pass	TES VAR	

# C. USA Consumer Product Safety Improvement Act (CPSIA) Sec.101 Children's products containing lead; lead paint rule

#### (1) Substrate Materials

**Test method:** With reference to CPSC-CH-E1001-08.3; CPSC-CH-E1002-08.3, by acid digestion and analysis was performed by inductively coupled plasma atomic emission spectrometer (ICP-AES).

ltom	Unit	MDL	Results	Limit(Each)	
Item	OTHE WIDE		NA MARKET	Lillii(Eacil)	
Lead Content (Pb)	mg/kg	5 AKTEST	NA NA	100	
Conclusion	1	<b>0</b> 7	NA O	<b>©</b> 1	

#### (2) Paint and similar surface coating material

**Test method:** With reference to CPSC-CH-E1003-09.1, sample was digested with acid mixture and analyzed by inductively coupled plasma atomic emission spectrometer (ICP-AES)

Item	Unit	MDL	Results	Limit(Each)	
	-6	lu-	1	` ,	
Lead Content (Pb)	mg/kg	5	N.D.	90	
Conclusion		1 15	Pass	TESTING INTESTING	

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D. USA Consumer Product Safety Improvement Act (CPSIA) Sec.108 Prohibition on sale of certain products containing specified phthalates

USA 16 CFR Part 1307 Prohibition of Children's Toys and Child Care Articles Containing Specified Phthalates

Test method: With reference to CPSC-CH-C1001-09.4, by solvent extraction and analysis was performed

by gas chromatographic-mass spectrometer (GC-MS).

<b></b>			Results		
Item	Unit	MDL	TESTING 1	Limit(Each)	
Dibutyl Phthalate (DBP)	mg/kg	30	N.D.	1000	
Benzylbutyl Phthalate (BBP)	mg/kg	30	N.D.	1000	
Bis-(2-ethylhexyl) Phthalate (DEHP)	mg/kg	30	142	1000	
Diisononyl Phthalate (DINP)	mg/kg	100	N.D.	1000	
Di-isobutyl Phthalate (DIBP)	mg/kg	100	N.D.	1000	
Dicyclohexyl Phthalate (DCHP)	mg/kg	100	N.D. VIESTING	1000	
Di-n-hexyl Phthalate (DHEXP)	mg/kg	100	N.D.	1000	
Di-n-pentyl Phthalates (DPENP)	mg/kg	100	N.D.	1000	
Conclusion	1	1	Pass	1	

#### Note:

- N.D. =Not Detected or less than MDL.
- MDL=Method Detection Limit.
- NA= Not Applicable
- %=Percentage by weight.
- 0.1%=1000mg/kg, mg/kg=ppm.

The selection of test portions is strongly recommended by the client and the conclusion of chemical test is only for the selected portion.

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#### E. CPSA Section 14(a) (5) Tracking Labels for Children's Products (15 USC §2063(a)(5) (CPSA))

Applicable Section	Description	Result				
(a)(5) (A)	Effective 1 year after the date of enactment of the Consumer Product Safety Improvement Act of 2008, the manufacturer of a children's product shall place permanent, distinguishing marks on the product and its packaging, to the extent practicable, that will enable—					
Mark (i)	the manufacturer to ascertain the location and date of production of the product, cohort information (including the batch, run number, or other identifying characteristic), and any other information determined by the manufacturer to facilitate ascertaining the specific source of the product by reference to those marks; and	Pass				
was (ii)	the ultimate purchaser to ascertain the manufacturer or private labeler, location and date of production of the product, and cohort information (including the batch, run number, or other identifying characteristic).	Pass				
(B)	The Commission may, by regulation, exclude a specific product or class of products from the requirements in subparagraph (A) if the Commission determines that it is not practicable for such product or class of products to bear the marks required by such subparagraph. The Commission may establish alternative requirements for any product or class of products excluded under the preceding sentence consistent with the purposes described in clauses (i) and (ii) of subparagraph (A).	NA				
(b)	The Commission may by rule prescribe reasonable testing programs for any product which is subject to a consumer product safety rule under this Act, or a similar rule, regulation, standard, or ban under any other Act enforced by the Commission, and for which a certificate is required under subsection (a). Any test or testing program on the basis of which a certificate is issued under subsection (a) may, at the option of the person required to certify the product, be conducted by an independent third party qualified to perform such tests, unless the Commission, by rule, requires testing by an independent third party for a particular rule, regulation, standard, or ban, or for a particular class of products.	Pass				
(c)	The Commission may by rule require the use and prescribe the form and content of labels which contain the following information (or that portion of it specified in the rule) —	Pass				
(1)	The date and place of manufacture of any consumer product.	Pass				
(2)	The cohort information (including the batch, run number, or other identifying characteristic) of the product.	Pass				
(3)	A suitable identification of the manufacturer of the consumer product, unless the product bears a private label in which case it shall identify the private labeler and shall also contain a code mark which will permit the seller of such product to identify the manufacturer thereof to the purchaser upon his request.	Pass				
HUME (4)	In the case of a consumer product subject to a consumer product safety rule, a certification that the product meets all applicable consumer product safety standards and a specification of the standards which are applicable. Such labels, where practicable, may be required by the Commission to be permanently marked on or affixed to any such consumer product. The	Pass				

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Applicable Section	Description					
NAME	Commission may, in appropriate cases, permit information required under paragraphs (1) and (2) of this subsection to be coded.	(I) HUPA				
(d)	REQUIREMENT FOR ADVERTISEMENTS.—No advertisement for a consumer product or label or packaging of such product may contain a reference to a consumer product safety rule or a voluntary consumer product safety standard unless such product conforms with the applicable safety requirements of such rule or standard.	Pass				
(e)	WITHDRAWAL OF ACCREDITATION-	Pass				
(f)	DEFINITIONSIn this section	Pass				
(g)	REQUIREMENTS FOR CERTIFICATES (1) IDENTIFICATION OF ISSUER AND CONFORMITY ASSESSMENT BODYEvery certificate required under this section shall identify the manufacturer or private labeler issuing the certificate and any third party conformity assessment body on whose testing the certificate depends. The certificate shall include, at a minimum, the date and place of manufacture, the date and place where the product was tested, each party's name, full mailing address, telephone number, and contact information for the individual responsible for maintaining records of test results.	Pass				
(h)	RULE OF CONSTRUCTION.	Pass				
(i)	ADDITIONAL REGULATIONS FOR THIRD PARTY TESTING	Pass				

\*

#### \*\* Modified History \*\*

Revision		Description	Issued Data		Remark	
Revision 1.0	Initia	Test Report Release	2023/11/17		Jason Zhou	
	ESTING	HUAKTE	TESTING	HURK	TESTING	
HUAN		6	HODE	(9)	HUAN	



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#### **Photograph of Sample**





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\*\*\* End of Report \*\*\*

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