



HUAKE TESTING

TEST REPORT

Prepared for:

STORES AU PTY LTD

9 GRACE ST SCARBOROUGH WA 6019 AUSTRALIA

Product Name: 12" BALANCE BIKE

Model No.: TC-57

Trade Mark: LITTLE NATION

Date of Test: From November 16, 2023 to November 20, 2023

Date of Report: November 20, 2023

Report Number: HK23111413331-1RR

Prepared by:

Shenzhen HUAKE 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: STORES AU PTY LTD
Address: 9 GRACE ST SCARBOROUGH WA 6019 AUSTRALIA
Manufacturer: XINGTAI ZHONGZHOU BICYCLE CO., LTD
Address: FENG VILLAGE INDUSTRIAL ZONE NO.83, GUANGZONG TOWN,
XINGTAI CITY, HEBEI PROVINCE, CHINA

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

Product Name: 12" BALANCE BIKE
Model No.: TC-57
Trade Mark: LITTLE NATION
Tested Age Grade: 18 months+
Labeled Age Grading: 18 months+
Appropriate Age Grade: 18 months+
Sample Receiving Date: November 16, 2023
Testing Period: From November 16, 2023 to November 20, 2023
Results: Please refer to next page(s).

Signed for and on behalf of HUAKE

Approved by: _____

Jason Zhu

Lab Manager



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Information of the Test Laboratory

Shenzhen HUAKE 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.

Summary of Test Results:

TEST REQUEST

A Australia/New Zealand Standard on Safety of Toys

1. AS/NZS ISO 8124 -1: 2023- Safety aspects related to mechanical and physical properties

2. AS/NZS ISO 8124 -2: 2023- Flammability

3. AS/NZS ISO 8124 -3: 2021- Migration of certain elements

B Australia CCA 2010 DEHP Content

CONCLUSION

PASS

PASS

PASS

PASS



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Results:**A.1 AS/NZS ISO 8124 -1: 2023- Safety aspects related to mechanical and physical properties**

Applicable Section	Description	Result
4 Requirements		
4.1	General	Pass
4.2	Reasonably foreseeable abuse	Pass
4.3	Material	Pass
4.4	Small parts	
4.4.1	For children under 36 months	Pass
4.4.2	For children 36 months and over but under 72 months	Pass
4.5	Shape, size and strength of certain toys	NA
4.6	Edges	Pass
4.7	Points	Pass
4.8	Projections	Pass
4.9	Metal wires and rods	Pass
4.10	Plastic film or plastic bags in packaging and in toys	NA
4.11	Cords	NA
4.12	Folding mechanisms	NA
4.13	Holes, clearances and accessibility of mechanisms	Pass
4.14	Springs	NA
4.15	Stability and overload requirements	Pass
4.16	Enclosures	NA
4.17	Items that cover the face and simulated protective equipment	NA
4.18	Projectile toys	NA
4.19	Flying toys	NA
4.20	Aquatic toys	NA
4.21	Braking	NA
4.22	Toy bicycles	Pass
4.23	Speed limitation of electrically driven ride-on toys	NA
4.24	Toys containing a heat source	NA
4.25	Liquid-filled toys	NA
4.26	Mouth-actuated toys	NA
4.27	Toy roller skates, toy inline skates and toy skateboards	NA

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Applicable Section	Description	Result
4.28	Percussion caps specifically designed for use in toys	NA
4.29	Acoustic requirements	NA
4.30	Toy scooters	NA
4.31	Magnets and magnetic components	NA
4.31.1	General	
4.31.2	Magnetic or electrical experimental sets intended for children 8 years and over	NA
4.31.3	All other toys with magnets and magnetic components	NA
4.32	Yo-yo balls	NA
4.33	Straps intended to be worn fully or partially around the neck	NA
4.34	Sledges and toboggans with cords for pulling	NA
4.35	Jaw entrapment in handles and steering wheels	Pass
4.36	Assembly	Pass
4.37	Functional toys	NA
4.38	Toys intended to come into contact with food	NA
4.39	Inflatable toys	NA
Annex B. Safety labeling guidelines and manufacturer's markings		
B.1	General	Pass
B.2	Safety-labeling guidelines	
B.2.1	Good practice for visibility and legibility	Pass
B.2.2	Age grading	Pass
B.2.3	Toys that are small parts, toys containing small parts and toys with removable small parts components	Pass
B.2.4	Balloons	NA
B.2.5	Small balls and marbles	NA
B.2.6	Aquatic toys	NA
B.2.7	Toys intended to come into contact with food	NA
B.2.8	Toy intended to be assembled by an adult	Pass
B.2.9	Toys intended to be strung across a cradle, cot, perambulator or carriage	NA
B.2.10	Simulated protective equipment	NA
B.2.11	Toys with functional sharp edges and functional sharp points	NA
B.2.12	Functional toys	NA
B.2.13	Toy roller skates, toy inline skates and toy skateboards	NA
B.2.14	Toy kites	NA

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Applicable Section	Description	Result
B.2.15	Toy bicycles	Pass
B.2.16	Percussion caps	NA
B.2.17	Toys which produce high peak sound pressure levels	NA
B.2.18	Toy scooters	NA
B.2.19	Magnetic or electrical experimental sets for children 8 years and over	NA
B.2.20	Toys with electrical cables exceeding 300 mm in length	NA
B.2.21	Cords in toys intended for children 18 months and over but under 36 months	NA
B.2.22	Sledges and toboggans with cords for pulling	NA
B.2.23	Toys intended to be attached to a cradle, cot, perambulator or carriage or intended to be suspended over a cot from a wall or ceiling	NA
B.2.24	Flying toys	NA
B.3	Instructional literature	
B.3.1	Information and instructions	Pass
B.3.2	Crib and playpen toys and mobiles	NA
B.3.3	Crib gyms and similar toys	NA
B.3.4	Toy chests	NA
B.3.5	Liquid-filled teethingers and liquid-filled teething toys	NA
B.3.6	Toys intended to be assembled by an adult	NA
B.3.7	Projectile toys	NA
B.3.8	Toy bicycles	Pass
B.3.9	Toy scooters	NA
B.3.10	Remote-controlled flying toys	NA
B.4	Manufacturer's markings	Pass

Note:

- NA = Not Applicable
- NC = Not conducted (According to customer requirement, no evaluation of this clause)



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A.2 AS/NZS ISO 8124 -2: 2023- Flammability

Applicable Section	Description	Result
4	Requirements	
4.1	General	NA
4.2	Toys to be worn on the head	NA
4.3	Toy disguise costumes and toys intended to be worn by a child in play	NA
4.4	Toys intended to be entered by a child	NA
4.5	Soft-filled toys	NA

Note:

- NA = Not Applicable

Tested part(s):

Seq. no	Part(s) name
1	Orange coating

A.3 AS/NZS ISO 8124 -3: 2021- Migration of Certain Elements**(1) Total Lead Content**

Test method: With reference to ASTM F963-17 Section 8.3, sample was digested with acid mixture and analyzed by inductively coupled plasma atomic emission spectrometer(ICP-AES).

Item	Unit	MDL	Results	Limit
			(1)	
Lead Content (Pb)	mg/kg	2	N.D.	100
Conclusion	/	/	Pass	/



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(2) Soluble Heavy Metals Content

Test method: With reference standard to AS/NZS ISO 8124 -3: 2021, The heavy metals content was determined by inductively coupled plasma atomic emission spectrometer (ICP-AES).

Element	Unit	MDL	Results	Limit
			(1)	
Antimony (Sb)	mg/kg	2	N.D.	60
Arsenic (As)	mg/kg	2	N.D.	25
Barium (Ba)	mg/kg	2	347	1000
Cadmium (Cd)	mg/kg	2	N.D.	75
Chromium (Cr)	mg/kg	2	N.D.	60
Lead (Pb)	mg/kg	2	N.D.	90
Mercury (Hg)	mg/kg	2	N.D.	60
Selenium (Se)	mg/kg	2	N.D.	500
Conclusion	/	/	Pass	/

Remark:

Maximum acceptable element migration from toy materials

Toy material	Element (mg/kg)							
	Sb	As	Ba	Cd	Cr	Pb	Hg	Se
Any toy material given in Clause 1, except modelling clay and finger paint	60	25	1000	75	60	90	60	500
Modelling clay	60	25	250	50	25	90	25	500
Finger paint	10	10	350	15	25	25	10	50



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B. Australia CCA 2010 DEHP Content

Test method: With reference to CPSC-CH-C1001-09.4, by sol vent extraction and analysis was performed by gas chromatographic-mass spectrometer (GC-MS).

Item	Unit	MDL	Results	Limit(Each)
			(1)	
Bis-(2-ethylhexyl) Phthalate (DEHP)	%	0.01	N.D.	1
Conclusion	/	/	Pass	/

Note:

- N.D. = Not Detected or less than MDL
- MDL = Method Detection Limit
- 0.1%=1000mg/kg = 1000ppm.
- NA- = Not Regulated
- Theselectionoftestportionsisstronglyrecommendedbytheclientandtheconclusionofchemicaltestis only for the selected portion.

**** Modified History ****

Revision	Description	Issued Data	Remark
Revision 1.0	Initial Test Report Release	2023/11/20	Jason Zhou



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Photograph of Sample



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HUAK authenticate the photo on original report only

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

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