



No. L2636

QUALITY REPORT

TEST REPORT

NO.: QRFT231121P0236TG

Date: NOV 23, 2023

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YUNHE XINDI ARTS & CRAFTS CO., LTD.

NO.15, ZHAOYANG ROAD, BAILONGSHAN STREET, YUNHE, ZHEJIANG PROVINCE, CHINA

The following samples were submitted and identified by/on behalf of the client as:

Sample Name: WOODEN BIKE

Style / Item No.: TS 9512

Material: Plywood

Manufacturer / Supplier: YUNHE XINDI ARTS & CRAFTS CO., LTD.

Test Type: Authorized Test

Client Specified Age Grading: Over 3 years old

Labeled Age Grading: Over 3 years old

Age Group Applied in Testing: Over 3 years old

Sample Received Date: NOV 21, 2023

Further Information Date: NOV 23, 2023

Testing Period: NOV 21, 2023 TO NOV 23, 2023

Test Requested:

For compliance with the European Standard on Safety of Toys:

- EN 71-1:2014+A1:2018 - Mechanical and Physical Properties
- EN 71-2:2020 - Flammability of Toys
- EN 71-3:2019+A1:2021 (2009/48/EC) - Migration of Certain Elements
- Labeling requirement (Washing/Cleaning Label, CE mark, importer / manufacturer mark (name, address), product identification) according to the Directive 2009/48/EC-Safety of toys

Result

Pass

Pass

Pass

Refer to next pages

Remark: Test results in this report are applicable for the item tested and reflects the tested sample as received.

Signed for and on behalf of

Sigma Testing & Inspection Services (Ningbo) Co., Ltd.

Tested by:

Shining Jiang
Test Engineer

Reviewed by:

Christian Wang
Laboratory Manager

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No.39 Zhongxing Road, Yinzhou District, Ningbo, China.
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Test Results:

European Standard on Safety of Toys

Part 1: Mechanical and Physical Properties - As specified in European Standard on Safety of Toys (EN 71-1:2014+A1:2018)

Section	Description	Result
4	GENERAL REQUIREMENTS	
4.1	Material cleanliness	Pass
4.7	Edges	Pass
4.8	Points and metallic wires	Pass
4.9	Protruding parts	Pass
4.15.1.3	Strength	Pass
6	Packaging	Pass
7	WARNINGS AND INSTRUCTIONS FOR USE	
7.1	General requirements (Remark 1: It is drawn to your attention that the name and address of importer in EEC country and the advice statement for keeping relevant information together with CE-marking should appear as specified in clause 7.1 of this standard.)	See Remark 1

Part 2: Flammability of Toys - As specified in European Standard on Safety of Toys (EN 71-2:2020)

Clause	Description	Result
4.1	General requirements	Pass

- DNI = Did Not Ignite

Part 3: Migration of Certain Elements - As specified in European Standard on Safety of Toys (EN 71-3:2019+A1:2021 (2009/48/EC))

As Specified in European Standard on Safety of Toys EN 71-3:2019+A1:2021 (2009/48/EC) - Migration of Certain Elements. Acid Extraction Method was used and Toxic Elements Content were Determined by Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES) or ICP-MS. Soluble Chromium VI was analyzed by IC-UV or LC-ICP-MS.

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Test Item(s)	EN 71-3:2019+A1:2021 (2009/48/EC)			MDL (mg/kg)	Adjusted Soluble Result(s)			
Soluble Elements	In dry, brittle, powder-like or pliable toy material	In liquid or sticky toy material	In scraped off toy material		1	2#	3#	4
Aluminium (Al)	2,250	560	28,130	50	N.D.	N.D.	N.D.	N.D.
Antimony (Sb)	45	11.3	560	1	N.D.	N.D.	N.D.	N.D.
Arsenic (As)	3.8	0.9	47	0.5	N.D.	N.D.	N.D.	N.D.
Barium (Ba)	1,500	375	18,750	50	N.D.	N.D.	N.D.	N.D.
Boron (B)	1,200	300	15,000	50	N.D.	N.D.	N.D.	N.D.
Cadmium (Cd)	1.3	0.3	17	0.1	N.D.	N.D.	N.D.	N.D.
Chromium-III	37.5	9.4	460	5	N.D.	N.D.	N.D.	N.D.
Chromium-VI	0.02	0.005	0.053	0.005	N.D.	N.D.	N.D.	N.D.
Cobalt (Co)	10.5	2.6	130	0.5	N.D.	N.D.	N.D.	N.D.
Copper (Cu)	622.5	156	7,700	50	N.D.	N.D.	N.D.	N.D.
Lead (Pb)	2.0	0.5	23	0.5	N.D.	N.D.	N.D.	N.D.
Manganese (Mn)	1,200	300	15,000	50	N.D.	N.D.	N.D.	N.D.
Mercury (Hg)	7.5	1.9	94	0.5	N.D.	N.D.	N.D.	N.D.
Nickel (Ni)	75	18.8	930	10	N.D.	N.D.	N.D.	N.D.
Selenium (Se)	37.5	9.4	460	5	N.D.	N.D.	N.D.	N.D.
Strontium (Sr)	4,500	1,125	56,000	50	N.D.	N.D.	N.D.	N.D.
Tin (Sn)	15,000	3,750	180,000	0.08	N.D.	N.D.	N.D.	N.D.
Organic Tin	0.9	0.2	12	--	N.D.	N.D.	N.D.	N.D.
Zinc (Zn)	3,750	938	46,000	50	N.D.	N.D.	N.D.	N.D.

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Soluble Elements	In dry, brittle, powder-like or pliable toy material	In liquid or sticky toy material	In scraped off toy material		5	6	7	8
Aluminium (Al)	2,250	560	28,130	50	N.D.	N.D.	N.D.	N.D.
Antimony (Sb)	45	11.3	560	1	N.D.	N.D.	N.D.	N.D.
Arsenic (As)	3.8	0.9	47	0.5	N.D.	N.D.	N.D.	N.D.
Barium (Ba)	1,500	375	18,750	50	N.D.	N.D.	N.D.	N.D.
Boron (B)	1,200	300	15,000	50	N.D.	N.D.	N.D.	N.D.
Cadmium (Cd)	1.3	0.3	17	0.1	N.D.	N.D.	N.D.	N.D.
Chromium-III	37.5	9.4	460	5	N.D.	N.D.	N.D.	N.D.
Chromium-VI	0.02	0.005	0.053	0.005	N.D.	N.D.	N.D.	N.D.
Cobalt (Co)	10.5	2.6	130	0.5	N.D.	N.D.	N.D.	N.D.
Copper (Cu)	622.5	156	7,700	50	N.D.	N.D.	N.D.	N.D.
Lead (Pb)	2.0	0.5	23	0.5	N.D.	N.D.	N.D.	N.D.
Manganese (Mn)	1,200	300	15,000	50	N.D.	N.D.	N.D.	N.D.
Mercury (Hg)	7.5	1.9	94	0.5	N.D.	N.D.	N.D.	N.D.
Nickel (Ni)	75	18.8	930	10	N.D.	N.D.	N.D.	N.D.
Selenium (Se)	37.5	9.4	460	5	N.D.	N.D.	N.D.	N.D.
Strontium (Sr)	4,500	1,125	56,000	50	N.D.	N.D.	N.D.	N.D.
Tin (Sn)	15,000	3,750	180,000	0.08	N.D.	N.D.	N.D.	N.D.
Organic Tin	0.9	0.2	12	--	N.D.	N.D.	N.D.	N.D.
Zinc (Zn)	3,750	938	46,000	50	N.D.	N.D.	N.D.	N.D.

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Soluble Elements	In dry, brittle, powder-like or pliable toy material	In liquid or sticky toy material	In scraped off toy material		9	10	11	12
Aluminium (Al)	2,250	560	28,130	50	N.D.	N.D.	N.D.	N.D.
Antimony (Sb)	45	11.3	560	1	N.D.	N.D.	N.D.	N.D.
Arsenic (As)	3.8	0.9	47	0.5	N.D.	N.D.	N.D.	N.D.
Barium (Ba)	1,500	375	18,750	50	N.D.	N.D.	N.D.	N.D.
Boron (B)	1,200	300	15,000	50	N.D.	N.D.	N.D.	N.D.
Cadmium (Cd)	1.3	0.3	17	0.1	N.D.	N.D.	N.D.	N.D.
Chromium-III	37.5	9.4	460	5	N.D.	N.D.	N.D.	N.D.
Chromium-VI	0.02	0.005	0.053	0.005	N.D.	N.D.	N.D.	N.D.
Cobalt (Co)	10.5	2.6	130	0.5	N.D.	N.D.	N.D.	N.D.
Copper (Cu)	622.5	156	7,700	50	N.D.	N.D.	N.D.	N.D.
Lead (Pb)	2.0	0.5	23	0.5	N.D.	N.D.	N.D.	N.D.
Manganese (Mn)	1,200	300	15,000	50	N.D.	N.D.	N.D.	N.D.
Mercury (Hg)	7.5	1.9	94	0.5	N.D.	N.D.	N.D.	N.D.
Nickel (Ni)	75	18.8	930	10	N.D.	N.D.	N.D.	N.D.
Selenium (Se)	37.5	9.4	460	5	N.D.	N.D.	N.D.	N.D.
Strontium (Sr)	4,500	1,125	56,000	50	N.D.	N.D.	N.D.	N.D.
Tin (Sn)	15,000	3,750	180,000	0.08	N.D.	N.D.	N.D.	N.D.
Organic Tin	0.9	0.2	12	--	N.D.	N.D.	N.D.	N.D.
Zinc (Zn)	3,750	938	46,000	50	N.D.	N.D.	N.D.	N.D.

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Soluble Elements	In dry, brittle, powder-like or pliable toy material	In liquid or sticky toy material	In scraped off toy material		13	14	15	16
Aluminium (Al)	2,250	560	28,130	50	N.D.	N.D.	N.D.	N.D.
Antimony (Sb)	45	11.3	560	1	N.D.	N.D.	N.D.	N.D.
Arsenic (As)	3.8	0.9	47	0.5	N.D.	N.D.	N.D.	N.D.
Barium (Ba)	1,500	375	18,750	50	N.D.	N.D.	N.D.	N.D.
Boron (B)	1,200	300	15,000	50	N.D.	N.D.	N.D.	N.D.
Cadmium (Cd)	1.3	0.3	17	0.1	N.D.	N.D.	N.D.	N.D.
Chromium-III	37.5	9.4	460	5	N.D.	N.D.	N.D.	N.D.
Chromium-VI	0.02	0.005	0.053	0.005	N.D.	N.D.	N.D.	N.D.
Cobalt (Co)	10.5	2.6	130	0.5	N.D.	N.D.	N.D.	N.D.
Copper (Cu)	622.5	156	7,700	50	N.D.	N.D.	N.D.	N.D.
Lead (Pb)	2.0	0.5	23	0.5	N.D.	N.D.	N.D.	N.D.
Manganese (Mn)	1,200	300	15,000	50	N.D.	N.D.	N.D.	N.D.
Mercury (Hg)	7.5	1.9	94	0.5	N.D.	N.D.	N.D.	N.D.
Nickel (Ni)	75	18.8	930	10	N.D.	N.D.	N.D.	N.D.
Selenium (Se)	37.5	9.4	460	5	N.D.	N.D.	N.D.	N.D.
Strontium (Sr)	4,500	1,125	56,000	50	N.D.	N.D.	N.D.	N.D.
Tin (Sn)	15,000	3,750	180,000	0.08	N.D.	N.D.	N.D.	N.D.
Organic Tin	0.9	0.2	12	--	N.D.	N.D.	N.D.	N.D.
Zinc (Zn)	3,750	938	46,000	50	N.D.	N.D.	N.D.	N.D.

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Soluble Elements	In dry, brittle, powder-like or pliable toy material	In liquid or sticky toy material	In scraped off toy material		17
Aluminium (Al)	2,250	560	28,130	50	N.D.
Antimony (Sb)	45	11.3	560	1	N.D.
Arsenic (As)	3.8	0.9	47	0.5	N.D.
Barium (Ba)	1,500	375	18,750	50	N.D.
Boron (B)	1,200	300	15,000	50	N.D.
Cadmium (Cd)	1.3	0.3	17	0.1	N.D.
Chromium III	37.5	9.4	460	5	N.D.
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Cobalt (Co)	10.5	2.6	130	0.5	N.D.
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- Labeling requirement (Washing/Cleaning instruction, CE mark, importer / manufacturer name and address, product identification) according to the Directive 2009/48/EC - Safety of toys

Summary table:

	Observation Result	Location
Washing/Cleaning instruction	Not Applicable	--
CE mark	Present	Pack aging
Importer's Name & Address	Present	Pack aging
Manufacturer's Name & Address	Present	Pack aging
Product ID	Present	Pack aging

Note:

1. According to Directive 2009/48/EC, a toy intended for use by children under 36 months must be designed and manufactured in such a way that it can be cleaned. A textile toy must, to this end, be washable, except if it contains a mechanism that may be damaged if soaked. The manufacturer should, if applicable, provide instructions on how the toy has to be cleaned.

2. CE marking should be visible from outside the pack aging and its height must be at least 5mm.

3. Manufacturer's and Importer's name, registered trade name or registered trade mark and the address at which the manufacturer can be contacted must be indicated on the toy or, where that is not possible, on its packaging or in a document accompanying the toy.

4. Manufacturers must ensure that their toys bear a type, batch, serial or model number or other element allowing their identification, or where the size or nature of the toy does not allow it, that the required information is provided on the packaging or in a document accompanying the toy.

Specimen Description:

Code	Specimen Description	Code	Specimen Description
1	Black plastic	10	Metal rod
2#	Plywood (Mixed)	11	Metal sheet
3#	LOGO part (Mixed)	12	Black rubber tire
4	Blue plastic handle	13	Metal ring
5	Silver screw	14	White plastic
6	Metal fastener	15	Valve core- metal part
7	Blue seat cushion	16	Black foam
8	White sponge	17	Wood
9	Cylindrical metal		

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Note:

- 1 mg/kg = 0.0001%
- MDL= Method Detection Limit
- N.D. = Not Detected (<MDL)
- Results of soluble elements shown are of the adjusted analytical results
- # The admixture of specimen is tested as a whole (part) which according to the applicant's request, the result of report as a average value. The testing of each single specimen may have the obvious difference, and the result may exceed the number in this report. The applicant will undertake all differences and risk.
- Photo is included

Sample Photo:



WOODEN BIKE

*** END OF THE REPORT ***

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