



CONSUMER PRODUCTS SERVICES DIVISION

JIANGSU SBA VICTORY SPORTING GOODS CO., LTD.

Technical Report: (6623)215-0934 (REVISED)

August 24, 2023

Date Received: August 3, 2023

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Date Resubmitted: August 17, 2023

This report is amendment of and supersedes the previous (6623)215-0934 dated August 23, 2023

JIANGSU SBA VICTORY SPORTING GOODS CO., LTD.
#37,TAIAN ROAD ,HAILING INDUSTRIAL
PARK,TAIZHOU,JIANGSU,CHINA

Sample Description:	BASKETBALL STAND, BASKETBALL BACKBOARD		
Vendor:	JIANGSU SBA VICTORY SPORTING GOODS CO., LTD.	Sample Size:	1 CARTON
Manufacturer:	N/A	Style No(s):	S003-21B
Buyer:	N/A	SKN/SKU No.:	N/A
Labeled Age Grade:	NONE	PO No.:	N/A
Appropriate Age Grade:	NOT REQUESTED	Ref #:	N/A
Client Specified Age Grade:	OVER 6 YEARS OF AGE	Country of Origin:	CHINA
Tested Age Grade:	OVER 6 YEARS OF AGE	Assortment No.:	N/A
UPC Code:	N/A	Country of Destination:	N/A
Color:	N/A		

EXECUTIVE SUMMARY:

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

- The mechanical hazards requirements of ASTM F963-17, "Standard consumer safety specification for toy safety".
- The labeling requirements of ASTM F963-17, "Standard consumer safety specification for toy safety". (exclude section 7.1)
- 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 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).
- The 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).

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The tested component(s) MEETS the following requirement(s):

- The total lead content of 100ppm requirements in substrate materials (Consumer Products Safety Improvement Act (CPSIA) of 2008).

The sample(s) was tested to the following requirement(s) and the data provided is for informational purposes only:

- 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 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).

Note:

1. The sample is tested for "OVER 6 YEARS OF AGE" as the client's request.
2. Client specified the tested component(s).
3. As per client's request, changed the company name and update the tested components in the revised report.

BVCPS (SHANGHAI) GENERAL CONTACT INFORMATION FOR THIS REPORT

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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)



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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	1500.53(b)(4)(i)
Torque	4 in-lbs	1500.53(e)
Tension	15 lbs	1500.53(f)
Compression	30 lbs	1500.53(g)



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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	N/A
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	N/A
4.13	Folding Mechanisms and Hinges	N/A
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	N/A
4.18	Holes, Clearances and Accessibility of Mechanisms	N/A
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)	N/A
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



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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	N/A
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	N/A
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	N/A
6.5	Battery-Operated Toys	N/A
6.6	Battery-Powered Ride-On Toys	N/A
6.7	Toys in Contact with Food	N/A
7.1	Producer's Name and Address	NR
7.2	Battery-Powered Ride-on Toys	N/A

*M = Meet NM = Not Meet N/A = Not Applicable R = Refer to Comment Section
NR = Not Requested*

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	Ignited but Self-Extinguished



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Tested Component(s) Breakdown List

Sample Identity	Color / Component	Location	Remark
1	White on plastic	Backboard	/
2	Black on metal	/	/
3	Golden metal	Bolt with gasket	Non-small parts
4	Silvery metal	Round head screw	Non-small parts
5	Silvery metal	Backboard frame square tube	Non-small parts
6	Silvery metal	Rebounding stents	Non-small parts
7	Silvery metal	Basket ring	Non-small parts
8	Silvery metal	Hoop wire	Non-small parts
9	Silvery metal	Hoop metal pole	Non-small parts
10	Silvery metal	Hoop L-shaped metal sheet	Non-small parts
11	Silvery metal	Thick circular tube	Non-small parts
12	Silvery metal	Base support round tube	Non-small parts
13	Silvery metal	Short hexagon bolt	Non-small parts
14	Silvery metal	Gasket	Non-small parts
15	Silvery metal	Nut	Non-small parts
16	Silvery metal	Axle metal tube	Non-small parts
17	Silvery metal	Spring	Non-small parts
18	Silvery metal	Long hexagon bolt	Non-small parts
19	Silvery metal	Lid	Non-small parts
20	Golden metal	Knob embedded nut	Non-small parts
21	Silvery metal	Round head bolts	Non-small parts
22	Silvery metal	Hex bolt	Non-small parts
23	Transparent plastic	Backboard	/
24	Black plastic	Backboard guard	/
25	Black plastic	Backboard corner guard	/
26	White plastic	Thick round pipe liner	/
27	Red plastic	Base wheel	/
28	Black plastic	Rotary knob	/
29	Black plastic	Base	/
30	Black plastic	Base of the plug	/
31	White rope	/	/
32	Blue rope	/	/
33	Red rope	/	/



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TOTAL LEAD CONTENT IN SURFACE COATING

Method: : CPSC-CH-E1003-09.1 (February 25, 2011).

Parameter	Unit	MDL	Result		Limit
			1	2	
Lead(Pb)	mg/kg	10	<10	<10	90
Conclusion	-	-	PASS	PASS	-

LT = Less Than

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

* = Average of duplicate analyses Potential =

Estimated lead content per component is based on calculation by component individual weight



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TOTAL LEAD CONTENT IN SUBSTRATE (100PPM) (CONSUMER PRODUCT SAFETY IMPROVEMENT ACT (CPSIA) OF 2008)

Method: : CPSC-CH-E1001-08.3 (November 15, 2012) or CPSC-CH-E1002-08.3 (November 15, 2012).

Parameter	Unit	MDL	Result			Limit
			3	4	5	
Lead(Pb)	mg/kg	10	27.0	22.2	19.3	100
Conclusion	-	-	PASS	PASS	PASS	-

Parameter	Unit	MDL	Result			Limit
			6	7	8	
Lead(Pb)	mg/kg	10	25.9	20.1	24.3	100
Conclusion	-	-	PASS	PASS	PASS	-

Parameter	Unit	MDL	Result			Limit
			9	10	11	
Lead(Pb)	mg/kg	10	23.9	17.9	15.8	100
Conclusion	-	-	PASS	PASS	PASS	-

Parameter	Unit	MDL	Result			Limit
			12	13	14	
Lead(Pb)	mg/kg	10	30.5	24.0	26.2	100
Conclusion	-	-	PASS	PASS	PASS	-

Parameter	Unit	MDL	Result			Limit
			15	16	17	
Lead(Pb)	mg/kg	10	17.7	16.0	14.1	100
Conclusion	-	-	PASS	PASS	PASS	-

Parameter	Unit	MDL	Result			Limit
			18	19	20	
Lead(Pb)	mg/kg	10	19.4	17.7	58300	100
Conclusion	-	-	PASS	PASS	FAIL	-

Parameter	Unit	MDL	Result			Limit
			21	22	23 + 24 + 25	
Lead(Pb)	mg/kg	10	22.7	22.3	<10	100
Conclusion	-	-	PASS	PASS	PASS	-

Parameter	Unit	MDL	Result		Limit
			26 + 27	28 + 29 + 30	
Lead(Pb)	mg/kg	10	<10	<10	100
Conclusion	-	-	PASS	PASS	-



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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))

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

Parameter	Unit	MDL	Result		Limit
			1	2	
Antimony (Sb)	mg/kg	10	<10	<10	60
Arsenic (As)	mg/kg	5	<5	<5	25
Barium (Ba)	mg/kg	10	150	1180	1000
Cadmium (Cd)	mg/kg	10	<10	<10	75
Chromium (Cr)	mg/kg	10	<10	<10	60
Lead (Pb)	mg/kg	10	<10	<10	90
Mercury (Hg)	mg/kg	10	<10	<10	60
Selenium (Se)	mg/kg	10	<10	<10	500
Conclusion	-	-	PASS	DATA	-

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

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

Sb = Antimony, Se = Selenium

LT = Less Than

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



Soluble Heavy Metals Content in Surface Coating - ASTM International Standard ASTM F963-17, Section 4.3.5.1(2)

Method: : ASTM International Standard ASTM F963-17, Sections 8.3.2 to 8.3.4.

Parameter	Unit	MDL	Result	Limit
			2	
Antimony (Sb)	mg/kg	5	<5	60
Arsenic (As)	mg/kg	2.5	<2.5	25
Barium (Ba)	mg/kg	5	51.6	1000
Cadmium (Cd)	mg/kg	5	<5	75
Chromium (Cr)	mg/kg	5	<5	60
Lead (Pb)	mg/kg	5	<5	90
Mercury (Hg)	mg/kg	5	<5	60
Selenium (Se)	mg/kg	5	<5	500
Conclusion	-	-	PASS	-

LT = Less Than

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

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

CR = adjusted analytical result

* = Average of duplicate analysis As = Arsenic,

Ba = Barium, Cd = Cadmium,

Sb = Antimony, Se = Selenium

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

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

Parameter	Unit	MDL	Result			Limit
			23+24+25	26+27	28+29+30	
Antimony (Sb)	mg/kg	10	20.2	<10	<10	60
Arsenic (As)	mg/kg	5	<5	<5	<5	25
Barium (Ba)	mg/kg	10	<10	173	117	1000
Cadmium (Cd)	mg/kg	10	<10	<10	<10	75
Chromium (Cr)	mg/kg	10	<10	<10	48.1	60
Lead(Pb)	mg/kg	10	<10	<10	<10	90
Mercury(Hg)	mg/kg	10	<10	<10	<10	60
Selenium(Se)	mg/kg	10	<10	<10	<10	500
Conclusion	-	-	DATA	PASS	DATA	-

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

ND = None Detected

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

LT = Less Than

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

Sb = Antimony, Se = Selenium



Soluble Heavy Metals Content in Substrate - ASTM International Standard ASTM F963-17, Section 4.3.5.2(2)(b)

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

Parameter	Unit	MDL	Result			Limit
			23	24	25	
Lead (Pb)	mg/kg	5	<5	<5	<5	90
Arsenic (As)	mg/kg	2.5	<2.5	<2.5	<2.5	25
Barium (Ba)	mg/kg	5	<5	<5	<5	1000
Cadmium (Cd)	mg/kg	5	<5	<5	<5	75
Chromium (Cr)	mg/kg	5	<5	<5	<5	60
Mercury (Hg)	mg/kg	5	<5	<5	<5	60
Antimony (Sb)	mg/kg	5	<5	<5	<5	60
Selenium (Se)	mg/kg	5	<5	<5	<5	500
Conclusion	-	-	PASS	PASS	PASS	-

Parameter	Unit	MDL	Result			Limit
			28	29	30	
Lead (Pb)	mg/kg	5	<5	<5	<5	90
Arsenic (As)	mg/kg	2.5	<2.5	<2.5	<2.5	25
Barium (Ba)	mg/kg	5	<5	<5	<5	1000
Cadmium (Cd)	mg/kg	5	<5	<5	<5	75
Chromium (Cr)	mg/kg	5	<5	<5	<5	60
Mercury (Hg)	mg/kg	5	<5	<5	<5	60
Antimony (Sb)	mg/kg	5	<5	<5	<5	60
Selenium (Se)	mg/kg	5	<5	<5	<5	500
Conclusion	-	-	PASS	PASS	PASS	-

Parameter	Unit	MDL	Result			Limit
			31	32	33	
Lead (Pb)	mg/kg	5	-	-	-	90
Arsenic (As)	mg/kg	2.5	<2.5	<2.5	<2.5	25
Barium (Ba)	mg/kg	5	<5	<5	<5	1000
Cadmium (Cd)	mg/kg	5	<5	<5	<5	75
Chromium (Cr)	mg/kg	5	<5	<5	<5	60
Mercury (Hg)	mg/kg	5	<5	<5	<5	60
Antimony (Sb)	mg/kg	5	<5	<5	5.49	60
Selenium (Se)	mg/kg	5	<5	<5	<5	500
Conclusion	-	-	PASS	PASS	PASS	-

LT = Less Than
mg/kg = milligrams per kilogram (ppm=parts per million)
Cr = Chromium, Hg = Mercury, Pb = Lead,

CR = adjusted analytical result
* = Average of duplicate analysis As = Arsenic,
Ba = Barium, Cd = Cadmium,
Sb = Antimony, Se = Selenium



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Phthalates Content in Children`s Toys and Child Care Articles - United States Code of Federal Regulations (CFR), Title 16, Part 1307

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

Parameter	CAS No.	Unit	Detection Limit	Result			Limit
				1	2	23+24+25	
BBP	85-68-7	%	0.005	<0.005	<0.005	<0.005	0.1
DBP	84-74-2	%	0.005	<0.005	<0.005	<0.005	0.1
DEHP	117-81-7	%	0.005	<0.005	<0.005	<0.005	0.1
DINP	28553-12-0	%	0.005	<0.005	<0.005	<0.005	0.1
DIBP	84-69-5	%	0.005	<0.005	<0.005	<0.005	0.1
DnPP	131-18-0	%	0.005	<0.005	<0.005	<0.005	0.1
DnHP	84-75-3	%	0.005	<0.005	<0.005	<0.005	0.1
DCHP	84-61-7	%	0.005	<0.005	<0.005	<0.005	0.1
Conclusion	-	-	-	PASS	PASS	PASS	-

Parameter	CAS No.	Unit	Detection Limit	Result		Limit
				26+27	28+29+30	
BBP	85-68-7	%	0.005	<0.005	<0.005	0.1
DBP	84-74-2	%	0.005	<0.005	<0.005	0.1
DEHP	117-81-7	%	0.005	<0.005	<0.005	0.1
DINP	28553-12-0	%	0.005	<0.005	<0.005	0.1
DIBP	84-69-5	%	0.005	<0.005	<0.005	0.1
DnPP	131-18-0	%	0.005	<0.005	<0.005	0.1
DnHP	84-75-3	%	0.005	<0.005	<0.005	0.1
DCHP	84-61-7	%	0.005	<0.005	<0.005	0.1
Conclusion	-	-	-	PASS	PASS	-



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