



中国认可
国际互认
检测
TESTING
CNAS L1744

SHANTOU BANGTENG TOYS CO., LTD

Technical Report: (8824)292-0052

Date Received: Oct 18, 2024

Nov 4, 2024

Page 1 of 13

SHANTOU BANGTENG TOYS CO., LTD
CHENGHAI DISTRICT, SHANTOU CITY,
GUANGDONG PROVINCE, CHINA

Sample Description:	CHESS TOYS	Sample Size:	1
Vendor:	N/A	Style No(s):	SEE ATTACHMENT
Manufacturer:	N/A	SKN/SKU No.:	NOT PROVIDE
Labeled Age Grade:	3+	PO No.:	NOT PROVIDE
Appropriate Age Grade:	OVER 6 YEARS OF AGE	Ref #:	NOT PROVIDE
Client Specified Age Grade:	6+		
Grade:			
Tested Age Grade:	OVER 6 YEARS OF AGE	Country of Origin:	NOT PROVIDE
UPC Code:	N/A	Assortment No.:	NOT PROVIDE
Resubmitted Sample Date:	OCT 28, 2024	Country of Destination:	NOT PROVIDE
Test Starting Date:	OCT 18, 2024	Test Finished Date:	NOV 4, 2024

EXECUTIVE SUMMARY:

Test Requested	Conclusion
(#)Mechanical hazards requirements of 16 CFR 1500, "Federal Hazardous Substances Act Regulations".	PASS
(#)Flammability requirements of 16 CFR 1500.3(c)(6)(vi), "Flammable solid" (FHSA regulations).	PASS
Tracking label requirement of the Consumer Product Safety Improvement Act (CPSIA) of 2008 section 103 Tracking Labels for Children's Products.	PASS

To be continued

BUREAU VERITAS SHENZHEN CO.,LTD
DONGGUAN BRANCH

Lisa Bai

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Analytical lab technical ass. manager



BUREAU VERITAS SHENZHEN CO.,LTD
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REMARK

If there are questions or concerns on this report, please contact the following persons:

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SHANTOU BANGTENG TOYS CO., LTD

Technical Report: **(8824)292-0052**

Nov 4, 2024

Page 2 of 13

EXECUTIVE SUMMARY:

Test Requested	Conclusion
(#)Total lead content of 90mg/kg requirements in surface coating (Consumer Products Safety Improvement Act (CPSIA) of 2008 Section 101(f)).	PASS
(#)Total lead content of 100mg/kg requirements in substrate materials (Consumer Products Safety Improvement Act (CPSIA) of 2008,Section 101(a)(2)).	PASS
Total lead content requirements in children products according to the California Proposition 65 settlements of Alameda Superior Court RG 07356892.	PASS
(#)Phthalates (BBP, DBP, DEHP, DINP, DIBP, DPENP, DHEXP & DCHP) content requirements of the Consumer Product Safety Improvement Act (CPSIA) of 2008 Sec. 108(a) and 108(c), 16 CFR 1307).	PASS
BBP, DBP, DEHP, DnHP and DIDP content requirements in toys, child care articles and watches according to the California Proposition 65 settlements of County of Sacramento case number 07AS04683, and the Alameda Superior Court case numbers BG07350969, RG08367601, RG07351032 and RG08378050.	PASS
Phthalates content requirement of the client's specification.	PASS

Note: At the request of the client, the sample(s) was evaluated for use by children 6+.

Note: At the request of client, test(s) was conducted on the certain component(s) of the submitted samples(s) / submitted component(s).

Note: The composite test sample(s) of the submitted samples was prepared in the manner requested by the client, when subject to the test performed.

Note: Tests with (#) are accredited by CNAS.

ATTACHMENT

Style No(s):

1301、1302、1303、1304、1305、1306、1307、1308、1309、1310、1311、1312、1313、1314、1315、
1316、1317、1318、1319、1320、2001、2002、2003、2004、2005、2006、2007、2008、2009、2010、
2011、2012、2013、2014、2015、2016、2017、2018、2019、2020、2101、2102、2103、2104、2105、
2106、2107、2108、2109、2110、2111、2112、2113、2114、2115、2116、2117、2118、2119、2120、
2501、2502、2503、2504、2505、2506、2507、2508、2509、2510、2511、2512、2513、2514、2515、
2516、2517、2518、2519、2520



SHANTOU BANGTENG TOYS CO., LTD

Technical Report: **(8824)292-0052**

Nov 4, 2024

Page 3 of 13

Tested Component(s) Description List:

Test Item(s)	Item / Component Description(s)	Location(s)	Style(s)
I001	Black plastic	Chess board	-
I002	Multicolor coating	Chess board	-
I003	Silvery coating	Chess	-
I004	Beige plastic	Chess	-
I005	Red plastic	Chess	-
I006	White plastic	Dice	-
I007	Blue plastic	Chess	-
I008	Golden coating	Chess	-
I009	Brown plastic	Chess	-



SHANTOU BANGTENG TOYS CO., LTD

Technical Report: **(8824)292-0052**

Nov 4, 2024

Page 4 of 13

RESULTS:

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 F963-23, "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 Bureau Veritas Consumer Products Services, Inc. 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
Impact Test	4 x 3 ft	1500.53(b)
Torque Test	4 in-lbs	1500.53(e)
Tension Test	15 lbs	1500.53(f)
Compression Test	30 lbs	1500.53(g)



SHANTOU BANGTENG TOYS CO., LTD

Technical Report: **(8824)292-0052**

Nov 4, 2024

Page 5 of 13

RESULTS:

PHYSICAL AND MECHANICAL HAZARDS (FHSA 16 CFR 1500)

Part	Requirement	Result
16 CFR 1500.47 & 1500.86(a)(6)	Sound Pressure Level – Toy Cap	N/A
16 CFR 1501	Small Parts	N/A
16 CFR 1500.49	Sharp Edges	M
16 CFR 1500.48	Sharp Points	M
16 CFR 1511	Pacifier	N/A
16 CFR 1510	Rattles	N/A
16 CFR 1500.18(a)(17)	Small Ball	N/A
16 CFR 1500.19	Small Objects, Small Balls, Marbles and Balloons	N/A
16 CFR 1500.86	Toy Caps	N/A
16 CFR 1500.14(b)(8)	Art Materials	N/A

M = Meet NM = Not Meet N/A = Not Applicable R = Refer to Comment Section NT=Not Test

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	Most rapid burn rate less than 0.1 of an inch per second.

Remark:

- CPSIA tracking label Content are not accredited by CNAS.



SHANTOU BANGTENG TOYS CO., LTD

Technical Report: **(8824)292-0052**

Nov 4, 2024

Page 6 of 13

RESULTS:

Total Lead Content in Surface Coating – Consumer Product Safety Improvement Act (CPSIA) of 2008 Sec. 101(f)

Test Method : U.S. CPSC-CH-E1003-09.1:2011

Maximum Allowable Limit :	90 mg/kg
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Test Item(s)	Result	Unit	Conclusion
	Total Lead (Pb)		
I002	ND	mg/kg	PASS
I003	ND	mg/kg	PASS

Note / key:

ND = Not detected

mg/kg = milligram(s) per kilogram

Detection Limit (mg/kg) : 10



SHANTOU BANGTENG TOYS CO., LTD

Technical Report: **(8824)292-0052**

Nov 4, 2024

Page 7 of 13

RESULTS:

Total Lead Content in Substrate Materials – Consumer Product Safety Improvement Act (CPSIA) of 2008 Sec. 101(a)(2)

Test Method : U.S. CPSC-CH-E1002-08.3:2012 and U.S. CPSC-CH-E1001-08.3:2012

Maximum Allowable Limit :	100 mg/kg
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Test Item(s)	Result	Unit	Conclusion
	Total Lead (Pb)		
I001	31	mg/kg	PASS
I004	ND	mg/kg	PASS
I005	ND	mg/kg	PASS
I006	ND	mg/kg	PASS
I007	ND	mg/kg	PASS

Note / key:

ND = Not detected

mg/kg = milligram(s) per kilogram

Detection Limit (mg/kg) : 10



SHANTOU BANGTENG TOYS CO., LTD

Technical Report: **(8824)292-0052**

Nov 4, 2024

Page 8 of 13

RESULTS:

Total Lead Content in Children Products (California Proposition 65 settlements of Alameda Superior court RG 07356892)

Test Method : EPA 3050B (Mod) / EPA 3051A (Mod)

Maximum Allowable Limit:	Type I	Paint and surface coatings: 90 mg/kg
	Type II	Substrate materials: 100 mg/kg

Test Item(s)	Type	Result	Unit	Conclusion
		Total Lead (Pb)		
I002	I	ND	mg/kg	PASS
I003	I	ND	mg/kg	PASS
I001	II	31	mg/kg	PASS
I004	II	ND	mg/kg	PASS
I005	II	ND	mg/kg	PASS
I006	II	ND	mg/kg	PASS
I007	II	ND	mg/kg	PASS

Note / key:

ND = Not detected

mg/kg = milligram(s) per kilogram

Detection Limit (mg/kg) : 10

Remark:

- California Proposition 65 total Lead content are not accredited by CNAS.



SHANTOU BANGTENG TOYS CO., LTD

Technical Report: **(8824)292-0052**

Nov 4, 2024

Page 9 of 13

RESULTS:

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)

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

Test Parameter:	BBP	DBP	DEHP	DINP	DIBP	DPENP	DHEXP	DCHP	-
Limit (%):	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	-
Test Item(s)	Result (%)								Conclusion
I001+I004+I006	ND	ND	ND	ND	ND	ND	ND	ND	PASS
I003+I008	ND	ND	ND	ND	ND	ND	ND	ND	PASS
I009	ND	ND	ND	ND	ND	ND	ND	ND	PASS

Note / key:

DEHP = Di(2-ethylhexyl) phthalate

DHEXP(DnHP) = Di-n-hexyl phthalate

DPENP(DnPP) = Di-n-pentyl phthalate

ND = Not detected

mg/kg = milligram(s) per kilogram

Detection Limit (%) : Each 0.005

DBP = Dibutyl phthalate

DIBP = Di-iso-butyl phthalate

DCHP = Dicyclohexyl phthalate

% = percent

BBP = Butyl benzyl phthalate

DINP = Di-iso-nonyl phthalate

10000 mg/kg = 1 %



SHANTOU BANGTENG TOYS CO., LTD

Technical Report: **(8824)292-0052**

Nov 4, 2024

Page 10 of 13

RESULTS:

BBP/DBP/DEHP/DnHP/DIDP Phthalates Content Requirements in Toys, Child Care Articles and Watches – California Proposition 65 settlements of County of Sacramento case number 07AS04683, and the Alameda Superior Court case numbers BG07350969, RG08367601, RG07351032 and RG08378050

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

Test Parameter:	BBP	DBP	DEHP	DnHP	DIDP	-
Limit (%):	0.1	0.1	0.1	0.1	0.1	-
Test Item(s)	Result (%)					Conclusion
I001+I004+I006	ND	ND	ND	ND	ND	PASS
I003+I008	ND	ND	ND	ND	ND	PASS
I009	ND	ND	ND	ND	ND	PASS

Note / key:

BBP = Butyl benzyl phthalate

DBP = Dibutyl phthalate

DEHP = Di(2-ethylhexyl) phthalate

DnHP = Di-n-hexyl phthalate

DIDP = Di-iso-decyl phthalate

ND = Not detected

% = percent

10000 mg/kg = 1 %

mg/kg = milligram(s) per kilogram

Detection Limit (%) : Each 0.005

Remark:

California Proposition 65 Phthalates Content are not accredited by CNAS.



SHANTOU BANGTENG TOYS CO., LTD

Technical Report: **(8824)292-0052**

Nov 4, 2024

Page 11 of 13

RESULTS:

Phthalates Content – Client's Specification

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

Test Parameter:	DIDP	DNOP	-
Limit (%):	0.1	0.1	-
Test Item(s)	Result (%)		Conclusion
I001+I004+I006	ND	ND	PASS
I003+I008	ND	ND	PASS
I009	ND	ND	PASS

Note / key:

DIDP = Di-iso-decyl phthalate

DNOP = Di-n-octyl phthalate

ND = Not detected

% = percent

10000 mg/kg = 1 %

mg/kg = milligram(s) per kilogram

Detection Limit (%) : Each 0.005

Remark:

Client's Specification Phthalates Content are not accredited by CNAS.

RESULTS:



RESULTS:



END OF REPORT