CPSC Accredited Testing Laboratory Identification number: 1064



Test Report

Date: 2022-05-07
No.: DP22041548

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Applicant: Junior Learning Inc.

19744 Beach Blvd. #389 Huntington Beach, CA 92648

Attn: Indra Susanto

Description of Samples: One kind of submitted sample(s) said to be:

Item name: Speaking Board Games (see the attached photo)

Style/Item No.:JL424 Supplier:Longshore

Country of Destination: US Age Grading for Testing: 3+ Country of Origin: China

Date Samples Received : 2022-04-28

Date Tested : 2022-04-28 to 2022-05-06

Investigation Requested: 1.ASTM F963-17: Standard Consumer Safety Specification for Toy

Safety

- Physical and mechanical tests

- Flammability test

- Heavy metals content

2. California Proposition 65 - Heavy metals in Toys and childcare

Articles

-Total Lead Content in paint /surface coating

-Total Lead Content in substrate materials

3. California Proposition 65 - Phthalates in child-care items and toys

4.USA Consumer Product Safety Improvement Act

-Sec. 101 (f) and 16 CFR 1303: Children's products containing

lead - Total lead content in paint and surface coating

-Sec. 101(a): Children's products containing lead - Total lead

content for substrate

-Phthalates content as required by Section 108 USA Consumer Product Safety Improvement Act Proposed rule of 16 CFR 1307

WU Chou, Runner Authorized Signatory HUANG Qi-yin, Shanny Authorized Signatory CPSC Accredited Testing Laboratory Identification number: 1064



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Investigation Requested: 5.Tracking label in accordance with the Consumer Product Safety

Improvement Act (CPSIA) of 2008 Sec.103

Conclusion(s) : ASTM F963-17: Physical and mechanical tests

The submitted sample(s) **complied** with the test requirement.

ASTM F963-17: flammability test

The submitted sample(s) **complied** with the test requirement.

ASTM F963-17: Heavy metals content

The submitted sample(s) **complied** with the test requirement.

California Proposition 65 -Heavy metals in child-care items and toys

The submitted sample(s) **complied** with the test requirement.

California Proposition 65 -Phthalates in child-care items and toys

The submitted sample(s) **complied** with the test requirement.

USA Consumer Product Safety Improvement Act, Sec. 101 (f) and 16

CFR 1303: Total lead content in paint and surface coating

The submitted sample(s) **complied** with the test requirement.

USA Consumer Product Safety Improvement Act, Sec. 101(a): Total

lead content for substrate in children's products

The submitted sample(s) **complied** with the test requirement.

USA Consumer Product Safety Improvement Act, Sec. 108 & 16

CFR1307: Phthalates content

The submitted sample(s) **complied** with the test requirement.

Tracking label in accordance with the Consumer Product Safety

Improvement Act (CPSIA) of 2008 Sec. 103

The submitted sample(s) **complied** with the test requirement.

WU Chou,Runner Authorized Signatory HUANG Qi-yin, Shanny Authorized Signatory



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Tested components

Plastic materials

- (1) Counter(JL424) :transparent red plastic
- (2) Counter(JL424):transparent pink plastic
- (3) Counter(JL424):transparent yellow plastic
- (4) Counter(JL424):transparent green plastic
- (5) Counter(JL424):transparent blue plastic
- (6) Counter(JL424):transparent purpe plastic
- (7) Spinner(JL424):red plastic
- (8) Die(JL424):light red plastic with white coating

Paper materials

- (9) Instruction sheet(JL424):white paper
- (10) Board game(JL424):grey paperboard with white paper
- (11) Box(JL424):brown paperboard with white paper

Coating materials

- (12) Instruction sheet(JL424):orange/purple/green multicolor coating
- (13) Board game(JL424):green/orange/yellow multicolor coating
- (14) Box(JL424):pink/green/purple multicolor coating

AGE GRADING:

The sample was appropriately age grade with the marking of "3+".

AGE GRADING FOR TESTING:

3 years up

Test Results:

1. ASTM F 963-17

1.1 <u>Standard Consumer Safety Specification for Toy Safety - ASTM F963 Physical & Mechanical test</u> Applicable requirements before and after use and abuse testing:

Applicable Clause	Description	Result
4	Safety requirements	
4.1	Material quality	Pass
4.2	Flammability	Pass*
4.3	Toxicology	*1
4.6	Small Objects	Pass
4.7	Accessible edges	Pass
4.9	Accessible points	Pass
4.18	Holes, clearance and Accessibility of Mechanisms	Pass



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<u>Applicable</u>	<u>Description</u>	Result
Clause		
5	<u>Labeling requirements</u>	
5.1	Federal Government Requirements	Pass
5.2	Age grading labeling	Pass
5.3	Safety Labeling Requirements	Pass
5.11	Small objects, Small Balls, Marbles and Balloons	Pass
5.16	Promotional Materials	Pass
6	<u>Instructional literature</u>	
6.1	Definition and Description	Pass
7	Producer's markings	
7.1	Name and address of the producer or distributor	Pass

* = Please refer to section 1.2 of this report for details. *1 = Please refer to section 1.3 of this report for details.

Use and abuse testing:

<u>Applicable</u>	<u>Description</u>	Test Condition
Clause	-	
8.5	Normal use testing	
8.6	Abuse testing	
8.7	Drop test	4 drops at 3 ft.
8.8	Torque test	4in-lb.
8.9	Tension test	15lb.
8.10	Compression tests	30lb.

1.2 Flammability test

Flammability test of material other than textiles of sample group

Ref: ASTM F963-17 Clause 4.2

Result: Pass

<u>Samples</u> <u>Burning rate (.xx in/s)</u>

Speaking Board Games 0.03

1.3 Total lead content analysis

Ref.: ASTM F963-17 Section 4.3.5.2 Method: ASTM F963-17 Section 8.3

Determined by: Inductively Coupled Argon Plasma Atomic Emission Spectrophotometer

Floment		Limit(mg/kg)				
Element	(1)	(2)	(3)	(4)	(5)	Limit(mg/kg)
Total Lead (Pb)	<5	<5	<5	<5	<5	100



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Elamont		Limit(mg/kg)				
<u>Element</u>	(6)	(7)	(8)	(9)	(10)	Lilliu(IIIg/Kg)
Total Lead (Pb)	<5	<5	<5	<5	<5	100

Element	Result(mg/kg)	Limit(mg/kg)
Element	(11)	Lilliu(ilig/kg)
Total Lead (Pb)	<5	100

Note(s): (1) < = Less than.

(2) mg/kg = milligrams per kilogram

Total lead content analysis

Ref.: ASTM F963-17 Section 4.3.5.1 Method: ASTM F963-17 Section 8.3

Determined by: Inductively Coupled Argon Plasma Atomic Emission Spectrophotometer

Element		Limit(mg/kg)		
Element	(12)	(13)	(14)	Limit(mg/kg)
Total Lead (Pb)	<5	<5	<5	90

Note(s): (1) < = Less than.

(2) mg/kg = milligrams per kilogram

Soluble content analysis

Ref.: ASTM F963-17 Section 4.3.5.1 and Section 4.3.5.2

Method: ASTM F963-17 Section 8.3

Determined by: Inductively Coupled Argon Plasma Atomic Emission Spectrophotometer

Element		Limit(mg/kg)				
Element	(1)	(2)	(3)	(4)	(5)	Limit(mg/kg)
Soluble Lead	<2	<2	<2	<2	<2	90
Soluble Cadmium	<2	<2	<2	<2	<2	75
Soluble Chromium	<2	<2	<2	<2	<2	60
Soluble Barium	<2	<2	<2	<2	<2	1000
Soluble Antimony	<2	<2	<2	<2	<2	60
Soluble Arsenic	<2	<2	<2	<2	<2	25
Soluble Mercury	<2	<2	<2	<2	<2	60
Soluble Selenium	<2	<2	<2	<2	<2	500

Element		Limit(ma/ka)				
Element	(6)	(7)	(8)	(9)	(10)	<u>Limit(mg/kg)</u>
Soluble Lead	<2	<2	<2	<2	<2	90
Soluble Cadmium	<2	<2	<2	<2	<2	75
Soluble Chromium	<2	<2	<2	<2	<2	60
Soluble Barium	<2	4	<2	24	17	1000



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Element		Limit(ma/ka)				
Element	(6)	(7)	(8)	(9)	(10)	Limit(mg/kg)
Soluble Antimony	<2	<2	<2	<2	<2	60
Soluble Arsenic	<2	<2	<2	<2	<2	25
Soluble Mercury	<2	<2	<2	<2	<2	60
Soluble Selenium	<2	<2	<2	<2	<2	500

Element		Limit(mg/kg)			
Element	(11)	(12)	(13)	(14)	Lilliu(lilg/kg)
Soluble Lead	<2	<2	<2	<2	90
Soluble Cadmium	<2	<2	<2	<2	75
Soluble Chromium	<2	<2	<2	<2	60
Soluble Barium	20	37	<2	<2	1000
Soluble Antimony	<2	<2	<2	<2	60
Soluble Arsenic	<2	<2	<2	<2	25
Soluble Mercury	<2	<2	<2	<2	60
Soluble Selenium	<2	<2	<2	<2	500

Note(s): (1) < = Less than.

(2) mg/kg = milligrams per kilogram

2. California Proposition 65

2.1 <u>US California Proposition 65 (Superior Court of California -Court Case No. BG-07-356892)- Total Lead Content in paint/surface coating materials</u>

Method used: With reference to CPSC-CH-E1003-09.1, Analysis was performed by Inductively Coupled Argon Plasma Atomic Emission Spectrophotometer.

Element		Limit(mg/kg)		
Element	(12)	(13)	(14)	Lilliu(lilg/kg)
Total Lead (Pb)	<5	<5	<5	90

Note(s): (1) < = Less than. (Method detection limit=5mg/kg)

(2) mg/kg = milligrams per kilogram



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2.2 <u>US California Proposition 65 (Superior Court of California -Court Case No. BG-07-356892)- Total Lead Content in substrate materials</u>

Method used:

Non-Metal -- CPSC-CH-E1002-08.3 'Standard Operation Procedure for Determining

Total Lead (Pb) in Non-Metal materials

Metal -- CPSC-CH-E1001-08.3 'Standard Operation Procedure for Determining Total Lead (Pb) in Metal materials

Element	Result(mg/kg)					Limit(ma/ka)
Element	(1)	(2)	(3)	(4)	(5)	<u>Limit(mg/kg)</u>
Total Lead (Pb)	<5	<5	<5	<5	<5	100

Element		Result(mg/kg)				
Element	(6)	(7)	(8)	(9)	(10)	<u>Limit(mg/kg)</u>
Total Lead (Pb)	<5	<5	<5	<5	<5	100

Flament	Result(mg/kg)	Limit(mg/kg)
Element	(11)	Lilliu(ilig/kg)
Total Lead (Pb)	<5	100

Note(s): (1) < = Less than. (Method detection limit=5mg/kg)

(2) mg/kg = milligrams per kilogram

3. <u>US California Proposition 65 (Superior Court of California – Court Case No.BG-07</u> -350969)- The Phthalates contents in Toys and childcare Articles

Method used: With reference to CPSC-CH-C1001-09.4, Analysis was performed by Gas Chromatography Mass Spectrometer.

Full Name		Result(%)			
<u>Fun Name</u>	(1+2+3)	(4+5+6)	(7+8)	<u>Limit(%)</u>	
Dibutyl phthalate (DBP)	ND	ND	ND	0.1	
Di-(2-ethylhexyl) phthalate (DEHP)	ND	ND	ND	0.1	
Benzyl Butyl phthalate (BBP)	ND	ND	ND	0.1	
Di-n-hexyl phthalate (DnHP)	ND	ND	ND	0.1	
Diisodecyl Phthalate (DIDP)	ND	ND	ND	0.1	
Diisononyl phthalate (DINP)	ND	ND	ND		

Full Name			Limit(%)	
<u>Full Name</u>	(12)	(13)	(14)	Lillit(/0)
Dibutyl phthalate (DBP)	ND	ND	ND	0.1
Di-(2-ethylhexyl) phthalate (DEHP)	ND	0.017	0.018	0.1
Benzyl Butyl phthalate (BBP)	ND	ND	ND	0.1
Di-n-hexyl phthalate (DnHP)	ND	ND	ND	0.1
Diisodecyl Phthalate (DIDP)	ND	ND	ND	0.1
Diisononyl phthalate (DINP)	ND	ND	ND	



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Note(s): (1) ND = Not Detected (below MDL)

(2) % = percentage by weight

(3) Method detection limit (MDL) for DBP, BBP, DEHP, DIDP and DnHP,

= 0.010% (w/w)

4. USA Consumer Product Safety Improvement Act

4.1 Children's products containing lead - Total lead content in paint and surface coating

Ref.: CPSIA Sec. 101 (f) and 16 CFR 1303.

Test method: CPSC-CH-E 1003-09.1

Determined by: Inductively Coupled Argon Plasma Atomic Emission

Spectrophotometer

Element		Limit(%)		
Element	(12)	(13)	(14)	LIIIII(%)
Total lead (Pb)	< 0.0005	< 0.0005	< 0.0005	0.009

Note(s): (1) < = Less than

(2) % = percentage by weight

4.2 Children's products containing lead - Total lead content in substrate

Test Method / Instrument:

Ref.: CPSIA Sec 101(a).

Determined by: Inductively Coupled Argon Plasma Atomic Emission Spectrophotometer Test method: Standard operation procedure for determining total lead (Pb) in non-metal

children's products CPSC-CH-E1002-08.3 & in metal children's products CPSC-CH-E1001-002

E1001-08.3

Element		Limit(mg/kg)		
Element	(1)	(2)	(3)	<u>Limit(mg/kg)</u>
Total lead (Pb)	<5	<5	<5	100

Floment		Limit(ma/ka)		
Element	(4)	(5)	(6)	<u>Limit(mg/kg)</u>
Total lead (Pb)	<5	<5	<5	100

Flomant		Limit(mg/kg)		
Element	(7)	(8)	(9)	Lilliu(llig/kg)
Total lead (Pb)	<5	<5	<5	100

Floment	Result(Limit(mg/kg)	
Element	(10)	(11)	Lilliu(lilg/kg)
Total lead (Pb)	<5	<5	100



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Note(s): (1) < = Less than.

(2) mg/kg = milligrams per kilogram

4.3 Phthalates content

Ref.: CPSIA Sec. 108 & 16 CFR 1307 Test method: CPSC-CH-C1001-09.4

Determined by: Gas Chromatography with Mass Selective Detector

Phthalates		Limit %(w/w)		
Finitiarates	(1+2+3)	(4+5+6)	(7+8)	LIIIII %(W/W)
Dibutyl phthalate (DBP)	ND	ND	ND	0.1
Benzyl butyl phthalate (BBP)	ND	ND	ND	0.1
Di-(2-ethylhexyl) phthalate(DEHP)	ND	ND	ND	0.1
Diisononyl phthalate (DINP)	ND	ND	ND	0.1
Diisobutyl phthalate (DIBP)	ND	ND	ND	0.1
Di-n-pentyl phthalate (DPENP)	ND	ND	ND	0.1
Di-n-hexyl phthalate(DHEXP)	ND	ND	ND	0.1
Dicyclohexyl phthalate (DCHP)	ND	ND	ND	0.1

Phthalates			Limit %(w/w)	
<u>Filtilarates</u>	(12)	(13)	(14)	LIIIII %(W/W)
Dibutyl phthalate (DBP)	ND	ND	ND	0.1
Benzyl butyl phthalate (BBP)	ND	ND	ND	0.1
Di-(2-ethylhexyl) phthalate(DEHP)	ND	0.017	0.018	0.1
Diisononyl phthalate (DINP)	ND	ND	ND	0.1
Diisobutyl phthalate (DIBP)	ND	ND	ND	0.1
Di-n-pentyl phthalate (DPENP)	ND	ND	ND	0.1
Di-n-hexyl phthalate(DHEXP)	ND	ND	ND	0.1
Dicyclohexyl phthalate (DCHP)	ND	ND	ND	0.1

Note(s): (1) ND = Not Detected(Below MDL)

(2) %(w/w)=percentage weight per weight

(3) Method detection limit for DBP, BBP, DEHP, DINP, DIBP, DPENP, DHEXP, DCHP = 0.010% (w/w))

5. Tracking label

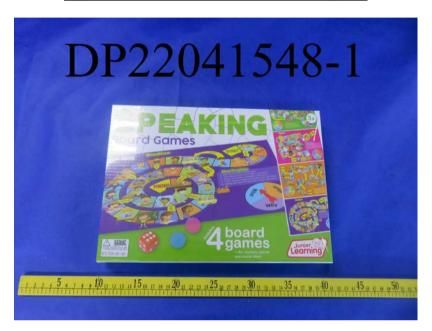
Ref.: Consumer Product Safety Improvement Act (CPSIA) of 2008 Sec. 103

<u>Samples</u>	Basic Information	<u>Observations</u>	Result
Speaking Board	Source of product	Present on the packaging	Pass
Games		and product	
	Batch Information	Present on the packaging	Pass
		and product	
	Production date	Present on the packaging	Pass
		and product	



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Appendix for Photos of the Submitted Sample(s)





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

签发测试报告的条款

Conditions of Issuance of Test Reports

- 1. 东莞标检产品检测有限公司(以下简称『本公司』)为提供符合下述条款的测试和报告,而接受有关样品和货品。本公司基于下述条款提供服务,下述条款为本公司与申请服务的个人、企业或公司(以下简称『客户』)的协议。
 - All samples and goods are accepted by The STC (Dongguan) Company Limited (the "Company") solely for testing and reporting in accordance with the following terms and conditions. The Company provides its services on the basis that such terms and conditions constitute express agreement between the Company and any person, firm or company requesting its services (the "Clients").
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 The Company shall not be called or be liable to be called to give evidence or testimony on the Report in a court of law without its prior written consent, unless required by the relevant governmental authorities, laws or court orders.
- 5. 除非由本公司进行抽样,并已在报告中说明,否则报告内的结果只适用于送测的样品,不适用于批量。样品相关信息由客户提供,本公司不对样品信息的真实性负责。
 - The results in Report apply only to the sample as received and do not apply to the bulk, unless the sampling has been carried out by the Company and is stated as such in the Report. The Clients provide the sample's relevant information, and the Company will not be liable for or accept responsibility for the truth of the sample information.
- 6. 当报告内有作出与规范或标准符合性声明时,除非规范或标准本身已包含判定规则或报告内另有声明,将采用ILAC-G8指导文件(及/或在电工类测试领域时的IEC Guide 115)作为判定规则。
 - When a statement of conformity to a specification or standard is provided, the ILAC-G8 Guidance document (and/or IEC Guide 115 in the electrotechnical sector) will be adopted as a decision rule for the determination of conformity unless it is inherent in the requested specification or standard, or otherwise specified in the Report.
- 7. 如本公司确定报告被不当地使用,本公司保留撤回报告的权利,并有权要求其它适当的额外赔偿。
 - In the event of the improper use the report as determined by the Company, the Company reserves the right to withdraw it, and to adopt any other additional remedies which may be appropriate.
- 8. 本公司接受样板进行测试的前提是,该测试报告不能作为针对本公司法律行动的依据。
 - Sample submitted for testing are accepted on the understanding that the Report issued cannot form the basis of, or be the instrument for, any legal action against the Company.
- 9. 如因使用本公司任何报告内的资料,或任何传播信息所描述与之有关的测试或研究导致的任何损失或损害,本公司概不负责。
 - The Company will not be liable for or accept responsibility for any loss or damage howsoever arising from the use of information contained in any of its Reports or in any communication whatsoever about its said tests or investigations.
- 10. 若需要在法院审理程序或者仲裁过程中使用测试报告,客户必须在提交测试样品前将该意图告知本公司。
 - Clients wishing to use the Report in court proceedings or arbitration shall inform the Company to that effect prior to submitting the sample for testing.
- 11. 该测试报告的支持数据和信息本公司只保存6年。个别评审机构有特别要求的,检测数据和报告的保存期限可依情况变动。一旦超过上述提及的保存期限,数据和信息将被处理掉。任何情况下,本公司不必提供任何被处理的过期数据或信息。即使本公司事先被告知可能会发生相关损害,本公司在任何情况下也不必承担任何损害,包括(但不限于)补偿性赔偿、利润损失、数据遗失、或任何形式的特殊损害、附带损害、间接损害、从属损害或任何因违反约定、违反承诺、侵权(包括疏忽)、产品责任或其它原因产生的惩罚性损害。
 - Subject to the variable length of retention time for test data and report stored hereinto as to otherwise specifically required by individual accreditation authorities, the Company will only keep the supporting test data and information of this test report for a period of six years. The data and information will be disposed of after the aforementioned retention period has elapsed. Under no circumstances shall we provide any data and information which has been disposed of after the retention period. Under no circumstances shall we be liable for damages of any kind, including (but not limited to) compensatory damages, lost profits, lost data, or any form of special, incidental, indirect, consequential or punitive damages of any kind, whether based on breach of contract of warranty, tort (including negligence), product liability or otherwise, even if we are informed in advance of the possibility of such damages.
- 12. 报告的签发记录可通过登录网站www. stc. group查询。如需进一步查询报告的有效性或核实报告,需与本公司联系。 Issuance records of the Report are available on the internet at www.stc.group. Further enquiry of validity or verification of the Reports should be addressed to the Company.
- 13. 如条款内容的中文版本与英文版本有冲突,以中文版本为准。
 - If there is conflict between the Chinese version and the English version of the content of the terms, the Chinese version shall prevail.