



Test Report

Page 1 of 15

Date : 2022-11-15
No. : DP22110120

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:Rainbow Phonics Magnetic Letters, Rainbow Numbers
Magnetic Numbers, Rainbow Alphabet and Digraphs - Print,
Rainbow Vowels - Print, Giant Alphabet, Rainbow Pattern Blocks.
(see the attached photo)
Style/Item No.:JL194,JL195,JL601,JL602,JL606,JL613
Supplier:Wingfat
Country of Origin:China
Country of Destination:US
Age Grading for Testing:3+

Date Samples Received : 2022-11-03

Date Tested : 2022-11-03 to 2022-11-14

Investigation Requested : 1.ASTM F963-17: Standard Consumer Safety Specification for Toy Safety
-Physical and mechanical tests
-Flammability tests
-Heavy metals content
2.California Proposition 65 -Phthalates in child-care items and toys
3.California Proposition 65 -Heavy metals in Toys and childcare Articles
-Total Lead Content in substrate materials
-Total Lead Content in paint /surface coating
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



STC (Dongguan) Company Limited

68 Fumin Nan Road, Dalang, Dongguan, Guangdong, China. Zip Code: 523770

Tel : (86 769) 81119888 Fax : (86 769) 81116222 Email : dgstc@stc.group Website : www.stc.group

This report shall not be reproduced unless with prior written approval from STC (Dongguan) Company Limited.

For Conditions of Issuance of this test report, please refer to the overleaf and Website.




Test Report


Date : 2022-11-15
No. : DP22110120

Page 2 of 15

- 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 -Phthalates in child-care items and toys
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.
 - 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.



WU Chou, Runner
Authorized Signatory



HUANG Qi-yin, Shanny
Authorized Signatory





Test Report

Date : 2022-11-15
No. : DP22110120

Page 3 of 15

Tested components

Plastic materials

- (1) Color box of Alphabet and Digraphs(JL601): transparent plastic with white paper and yellow/blue/red multicolor printing
- (2) Color box of Rainbow Vowels(JL602): transparent plastic with white paper and orange/green/purple multicolor printing
- (3) Color box of Giant Alphabet(JL606): transparent plastic with white paper and red/blue/yellow multicolor printing
- (4) Color box of Rainbow numbers(JL195): transparent plastic with white paper and yellow/blue/red multicolor printing
- (5) Color box of Rainbow phonics(JL194): transparent plastic with white paper and blue/light purple/red multicolor printing
- (6) Color box of Pattern blocks(JL613): transparent plastic with white paper and blue/light blue/black multicolor printing
- (7) Letters of Alphabet and Digraphs(JL601)/Giant Alphabet(JL606)/frames/dots of Rainbow numbers(JL195)/Rainbow phonics(JL194)/ Pattern blocks(JL613): blue sponge
- (8) Letters of Alphabet and Digraphs(JL601)/Giant Alphabet(JL606)/frames/dots of Rainbow numbers(JL195)/Rainbow phonics(JL194)/Pattern blocks(JL613): red sponge
- (9) Letters of Alphabet and Digraphs(JL601)/base ten of Rainbow numbers(JL195)/Rainbow phonics(JL194)/Pattern blocks(JL613): yellow sponge
- (10) Letters of Rainbow Vowels(JL602)/equations of Rainbow numbers(JL195)/Rainbow phonics(JL194)/Pattern blocks(JL613): orange sponge
- (11) Letters of Rainbow Vowels(JL602)/base ten of Rainbow numbers(JL195)/Rainbow phonics(JL194)/Pattern blocks(JL613): green sponge
- (12) Letters of Rainbow Vowels(JL602)/number of Rainbow numbers(JL195)/Rainbow phonics(JL194)/Pattern blocks(JL613): purple sponge
- (13) Letters of Rainbow Vowels(JL602): brown sponge
- (14) Rubber band of Rainbow numbers(JL195)/Rainbow phonics(JL194)/Pattern blocks(JL613): white rubber with white thread
- (15) Base ten of Rainbow numbers(JL195): light blue sponge
- (16) Letters of Alphabet and Digraphs(JL601)/letters of Rainbow Vowels(JL602)/Rainbow phonics(JL194): transparent plastic with white paper
- (17) Letters of Alphabet and Digraphs(JL601)/letters of Rainbow Vowels(JL602)/Giant Alphabet(JL606)/Rainbow numbers(JL195)/Rainbow phonics(JL194)/Pattern blocks(JL613): black plastic with magnetic properties
- (18) Base/rod of Rainbow numbers(JL195): transparent plastic with white paper and black magnetic and black coating
- (19) Cards of pattern blocks(JL613): transparent plastic with white paper and red/orange/blue multicolor printing
- (20) Letters of Alphabet and Digraphs(JL601)/letters of Rainbow Vowels(JL602)/Rainbow phonics(JL194)/Rainbow numbers(JL195): black plastic with magnetic and white paper

STC (Dongguan) Company Limited

68 Fumin Nan Road, Dalang, Dongguan, Guangdong, China. Zip Code: 523770

Tel : (86 769) 81119888 Fax : (86 769) 81116222 Email : dgstc@stc.group Website : www.stc.group

This report shall not be reproduced unless with prior written approval from STC (Dongguan) Company Limited.

For Conditions of Issuance of this test report, please refer to the overleaf and Website.



Test Report

Date : 2022-11-15
No. : DP22110120

Page 4 of 15

Paper materials

- (21) Color box of Alphabet and Digraphs(JL601)/Rainbow Vowels(JL602)/Giant Alphabet(JL606):brown cardboard with white paper
- (22) Color box of Rainbow numbers(JL195)/Rainbow phonics(JL194)/Pattern blocks(JL613): grey cardboard with white paper
- (23) Instruction sheet of Rainbow numbers(JL195)/Rainbow phonics(JL194): white paper

Coating materials

- (24) Instruction sheet of Rainbow numbers(JL195)/Rainbow phonics(JL194): black coating

AGE GRADING:

For Item No: JL613, JL606:

The sample was appropriately age graded with the marking of “3+ Ages”.

For Item No: JL601:

The sample was age graded with the marking of “4+ Ages”; However, the applicant requested it be tested according to the age grade of 3 years up.

For Item No: JL602:

The sample was age graded with the marking of “5+ Ages”; However, the applicant requested it be tested according to the age grade of 3 years up.

For Item No: JL195, JL194:

The sample was age graded with the marking of “Ages 4 and up”; However, the applicant requested it be tested according to the age grade of 3 years up.

AGE GRADING FOR TESTING:

3 years up

Test Results:

1. ASTM F 963-17

1.1 Mechanical and physical hazards

Ref.: ASTM F963-17

Applicable requirements before and after use and abuse testing:

<u>Applicable Clause</u>	<u>Description</u>	<u>Result</u>
4	<u>Safety requirements</u>	----
4.1	Material quality	Pass
4.2	Flammability	Pass*
4.3	Toxicology	*1
4.6	Small Objects	Pass

STC (Dongguan) Company Limited

68 Fumin Nan Road, Dalang, Dongguan, Guangdong, China. Zip Code: 523770

Tel : (86 769) 81119888 Fax : (86 769) 81116222 Email : dgstc@stc.group Website : www.stc.group

This report shall not be reproduced unless with prior written approval from STC (Dongguan) Company Limited.

For Conditions of Issuance of this test report, please refer to the overleaf and Website.



Test Report

Date : 2022-11-15

Page 5 of 15

No. : DP22110120

<u>Applicable Clause</u>	<u>Description</u>	<u>Result</u>
4.7	Accessible edges	Pass
4.9	Accessible points	Pass
4.12	Plastic Film	Pass
4.38	Magnets	Pass
5	<u>Labeling requirements</u>	----
5.1	Federal Government Requirements	Pass
5.2	Age grading labeling	*2
5.3	Safety Labeling Requirements	Pass
5.11	Small objects, Small Balls, Marbles and Balloons	Pass
5.16	Promotional Material	Pass
6	<u>Instructional Literature</u>	----
6.1	Definition and Description	Pass
7	<u>Producer's markings</u>	----
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.

*2 =

See age grading

Use and abuse testing:

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

1.2 Flammability test of material other than textiles of sample group

Ref : ASTM F963-17 Clause 4.2

Result: pass

Samples

Magnet toy

Burning rate (.xx in/s)

0.02

STC (Dongguan) Company Limited

68 Fumin Nan Road, Dalang, Dongguan, Guangdong, China. Zip Code: 523770

Tel : (86 769) 81119888 Fax : (86 769) 81116222 Email : dgstc@stc.group Website : www.stc.group

This report shall not be reproduced unless with prior written approval from STC (Dongguan) Company Limited.

For Conditions of Issuance of this test report, please refer to the overleaf and Website.



Test Report

Date : 2022-11-15
No. : DP22110120

Page 6 of 15

- 1.3 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	Result(mg/kg)	Limit(mg/kg)
	(24)	
Total Lead (Pb)	<5	90

Note(s): (1) < = Less than.
(2) mg/kg = milligrams per kilogram

- 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

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

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

Element	Result(mg/kg)					Limit(mg/kg)
	(11)	(12)	(13)	(14)	(15)	
Total Lead (Pb)	<5	<5	<5	<5	<5	100

Element	Result(mg/kg)					Limit(mg/kg)
	(16)	(17)	(18)	(19)	(20)	
Total Lead (Pb)	<5	<5	<5	<5	<5	100

Element	Result(mg/kg)			Limit(mg/kg)
	(21)	(22)	(23)	
Total Lead (Pb)	<5	<5	<5	100

Note(s): (1) < = Less than.
(2) mg/kg = milligrams per kilogram

STC (Dongguan) Company Limited

68 Fumin Nan Road, Dalang, Dongguan, Guangdong, China. Zip Code: 523770

Tel : (86 769) 81119888 Fax : (86 769) 81116222 Email : dgstc@stc.group Website : www.stc.group
This report shall not be reproduced unless with prior written approval from STC (Dongguan) Company Limited.

For Conditions of Issuance of this test report, please refer to the overleaf and Website.



Test Report

Date : 2022-11-15
 No. : DP22110120

Page 7 of 15

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	Result(mg/kg)					Limit(mg/kg)
	(1)	(2)	(3)	(4)	(5)	
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	Result(mg/kg)					Limit(mg/kg)
	(6)	(7)	(8)	(9)	(10)	
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	31	<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	Result(mg/kg)					Limit(mg/kg)
	(11)	(12)	(13)	(14)	(15)	
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	Result(mg/kg)					Limit(mg/kg)
	(16)	(17)	(18)	(19)	(20)	
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	350	<2	<2	166	1000
Soluble Antimony	<2	<2	<2	<2	<2	60

STC (Dongguan) Company Limited

68 Fumin Nan Road, Dalang, Dongguan, Guangdong, China. Zip Code: 523770

Tel : (86 769) 81119888 Fax : (86 769) 81116222 Email : dgstc@stc.group Website : www.stc.group

This report shall not be reproduced unless with prior written approval from STC (Dongguan) Company Limited.

For Conditions of Issuance of this test report, please refer to the overleaf and Website.



Test Report

Date : 2022-11-15
No. : DP22110120

Page 8 of 15

Element	Result(mg/kg)					Limit(mg/kg)
	(16)	(17)	(18)	(19)	(20)	
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	Result(mg/kg)				Limit(mg/kg)
	(21)	(22)	(23)	(24)	
Soluble Lead	<2	<2	<2	<2	90
Soluble Cadmium	<2	<2	<2	<2	75
Soluble Chromium	<2	<2	<2	<2	60
Soluble Barium	18	<2	<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

US California Proposition 65 (Superior Court of California –Court Case No.BG-07 -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(%)			Limit(%)
	(1)	(2)	(3)	
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	Result(%)			Limit(%)
	(4)	(5)	(6)	
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	--

STC (Dongguan) Company Limited

68 Fumin Nan Road, Dalang, Dongguan, Guangdong, China. Zip Code: 523770

Tel : (86 769) 81119888 Fax : (86 769) 81116222 Email : dgstc@stc.group Website : www.stc.group

This report shall not be reproduced unless with prior written approval from STC (Dongguan) Company Limited.

For Conditions of Issuance of this test report, please refer to the overleaf and Website.



Test Report

Date : 2022-11-15
No. : DP22110120

Page 9 of 15

<u>Full Name</u>	<u>Result(%)</u>			<u>Limit(%)</u>
	(7+8+9)	(10+11+12)	(13+15)	
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	--

<u>Full Name</u>	<u>Result(%)</u>			<u>Limit(%)</u>
	(14)	(16)	(17)	
Dibutyl phthalate (DBP)	ND	ND	ND	0.1
Di-(2-ethylhexyl) phthalate (DEHP)	ND	0.018	0.028	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	--

<u>Full Name</u>	<u>Result(%)</u>			<u>Limit(%)</u>
	(18)	(19)	(20)	
Dibutyl phthalate (DBP)	ND	ND	ND	0.1
Di-(2-ethylhexyl) phthalate (DEHP)	ND	ND	0.052	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	--

<u>Full Name</u>	<u>Result(%)</u>	<u>Limit(%)</u>
	(24)	
Dibutyl phthalate (DBP)	ND	0.1
Di-(2-ethylhexyl) phthalate (DEHP)	ND	0.1
Benzyl Butyl phthalate (BBP)	ND	0.1
Di-n-hexyl phthalate (DnHP)	ND	0.1
Diisodecyl Phthalate (DIDP)	ND	0.1
Diisononyl phthalate (DINP)	ND	--

- 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)

STC (Dongguan) Company Limited

68 Fumin Nan Road, Dalang, Dongguan, Guangdong, China. Zip Code: 523770

Tel : (86 769) 81119888 Fax : (86 769) 81116222 Email : dgstc@stc.group Website : www.stc.group
 This report shall not be reproduced unless with prior written approval from STC (Dongguan) Company Limited.

For Conditions of Issuance of this test report, please refer to the overleaf and Website.



Test Report

Date : 2022-11-15
No. : DP22110120

Page 10 of 15

3. US California Proposition 65 (Superior Court of California -Court Case No. BG-07-356892)- Total Lead Content in substrate materials

3.1 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(mg/kg)
	(1)	(2)	(3)	(4)	(5)	
Total Lead (Pb)	<5	<5	<5	<5	<5	100

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

Element	Result(mg/kg)					Limit(mg/kg)
	(11)	(12)	(13)	(14)	(15)	
Total Lead (Pb)	<5	<5	<5	<5	<5	100

Element	Result(mg/kg)					Limit(mg/kg)
	(16)	(17)	(18)	(19)	(20)	
Total Lead (Pb)	<5	<5	<5	<5	<5	100

Element	Result(mg/kg)			Limit(mg/kg)
	(21)	(22)	(23)	
Total Lead (Pb)	<5	<5	<5	100

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

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

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

Element	Result(mg/kg)	Limit(mg/kg)
	(24)	
Total Lead (Pb)	<5	90

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

STC (Dongguan) Company Limited

68 Fumin Nan Road, Dalang, Dongguan, Guangdong, China. Zip Code: 523770

Tel : (86 769) 81119888 Fax : (86 769) 81116222 Email : dgstc@stc.group Website : www.stc.group

This report shall not be reproduced unless with prior written approval from STC (Dongguan) Company Limited.

For Conditions of Issuance of this test report, please refer to the overleaf and Website.



Test Report

Date : 2022-11-15
No. : DP22110120

Page 11 of 15

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

<u>Element</u>	<u>Result(%)</u>		<u>Limit(%)</u>
	(24)		
Total lead (Pb)	<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-E1001-08.3

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

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

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

<u>Element</u>	<u>Result(mg/kg)</u>			<u>Limit(mg/kg)</u>
	(10)	(11)	(12)	
Total lead (Pb)	<5	<5	<5	100

<u>Element</u>	<u>Result(mg/kg)</u>			<u>Limit(mg/kg)</u>
	(13)	(14)	(15)	
Total lead (Pb)	<5	<5	<5	100

STC (Dongguan) Company Limited

68 Fumin Nan Road, Dalang, Dongguan, Guangdong, China. Zip Code: 523770

Tel : (86 769) 81119888 Fax : (86 769) 81116222 Email : dgstc@stc.group Website : www.stc.group

This report shall not be reproduced unless with prior written approval from STC (Dongguan) Company Limited.

For Conditions of Issuance of this test report, please refer to the overleaf and Website.



Test Report

Date : 2022-11-15
No. : DP22110120

Page 12 of 15

<u>Element</u>	<u>Result(mg/kg)</u>			<u>Limit(mg/kg)</u>
	(16)	(17)	(18)	
Total lead (Pb)	<5	<5	<5	100

<u>Element</u>	<u>Result(mg/kg)</u>			<u>Limit(mg/kg)</u>
	(19)	(20)	(21)	
Total lead (Pb)	<5	<5	<5	100

<u>Element</u>	<u>Result(mg/kg)</u>		<u>Limit(mg/kg)</u>
	(22)	(23)	
Total lead (Pb)	<5	<5	100

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

<u>Phthalates</u>	<u>Result %(w/w)</u>			<u>Limit %(w/w)</u>
	(1)	(2)	(3)	
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

<u>Phthalates</u>	<u>Result %(w/w)</u>			<u>Limit %(w/w)</u>
	(4)	(5)	(6)	
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

STC (Dongguan) Company Limited

68 Fumin Nan Road, Dalang, Dongguan, Guangdong, China. Zip Code: 523770

Tel : (86 769) 81119888 Fax : (86 769) 81116222 Email : dgstc@stc.group Website : www.stc.group

This report shall not be reproduced unless with prior written approval from STC (Dongguan) Company Limited.

For Conditions of Issuance of this test report, please refer to the overleaf and Website.



Test Report

Date : 2022-11-15
No. : DP22110120

Page 13 of 15

Phthalates	Result %(w/w)			Limit %(w/w)
	(7+8+9)	(10+11+12)	(13+15)	
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	Result %(w/w)			Limit %(w/w)
	(14)	(16)	(17)	
Dibutyl phthalate (DBP)	ND	ND	ND	0.1
Benzyl butyl phthalate (BBP)	ND	ND	ND	0.1
Di-(2-ethylhexyl) phthalate(DEHP)	ND	0.018	0.028	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	Result %(w/w)			Limit %(w/w)
	(18)	(19)	(20)	
Dibutyl phthalate (DBP)	ND	ND	ND	0.1
Benzyl butyl phthalate (BBP)	ND	ND	ND	0.1
Di-(2-ethylhexyl) phthalate(DEHP)	ND	ND	0.052	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	Result %(w/w)	Limit %(w/w)
	(24)	
Dibutyl phthalate (DBP)	ND	0.1
Benzyl butyl phthalate (BBP)	ND	0.1
Di-(2-ethylhexyl) phthalate(DEHP)	ND	0.1
Diisononyl phthalate (DINP)	ND	0.1
Diisobutyl phthalate (DIBP)	ND	0.1
Di-n-pentyl phthalate (DPENP)	ND	0.1
Di-n-hexyl phthalate(DHEXP)	ND	0.1
Dicyclohexyl phthalate (DCHP)	ND	0.1

STC (Dongguan) Company Limited

68 Fumin Nan Road, Dalang, Dongguan, Guangdong, China. Zip Code: 523770

Tel : (86 769) 81119888 Fax : (86 769) 81116222 Email : dgstc@stc.group Website : www.stc.group
 This report shall not be reproduced unless with prior written approval from STC (Dongguan) Company Limited.

For Conditions of Issuance of this test report, please refer to the overleaf and Website.



Test Report

Date : 2022-11-15
No. : DP22110120

Page 14 of 15

- 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)

STC (Dongguan) Company Limited

68 Fumin Nan Road, Dalang, Dongguan, Guangdong, China. Zip Code: 523770

Tel : (86 769) 81119888 Fax : (86 769) 81116222 Email : dgstc@stc.group Website : www.stc.group

This report shall not be reproduced unless with prior written approval from STC (Dongguan) Company Limited.

For Conditions of Issuance of this test report, please refer to the overleaf and Website.

Test Report

Date : 2022-11-15
No. : DP22110120

Page 15 of 15

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").
2. 由此测试申请所发出的任何报告（以下简称『报告』），本公司会严格地为客户保密。未经本公司书面同意，报告的整体或部分不得复制，也不得用于广告或非授权的其他用途。然而，客户可以将本公司印制的报告或认可的副本，向其客户、供货商或直接相关的其它人出示或提交。除第3条款规定外，除非相关政府部门、法律或法院要求，否则未经客户同意，本公司不得就报告内容向任何第三方讨论或披露。
Any report issued by the Company as a result of this application for testing service (the "Report") shall be issued in confidence to the Clients and the Report will be strictly treated as such by the Company. It may not be reproduced either in its entirety or in part and it may not be used for advertising or other unauthorized purposes without the written consent of the Company. The Clients to whom the Report is issued may, however, show or send it, or a certified copy thereof prepared by the Company to his customer, supplier or other persons directly concerned. Subject to clause 3, the Company will not, without the consent of the Clients, enter into any discussion or correspondence with any third party concerning the contents of the Report, unless required by the relevant governmental authorities, laws or court orders.
3. 本公司将有权透露有关测试的文件及/或档案予任何第三方认证/认可机构作审核或其它相关用途。本公司无须因透露文件及/或档案的内容负上任何责任。
The Company shall be at liberty to disclose the testing-related documents and/or files anytime to any third-party accreditation and/or recognition bodies for audit or other related purposes. No liabilities whatsoever shall attach to the Company's act of disclosure.
4. 除非相关政府部门、法律或法院要求，否则未经本公司预先书面同意，本公司毋须，也并无义务到法院对有关报告作证。
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.