

Test Report

Number: SHAH0188262702

Applicant: PINGHU CITY GOLDTIER CHILDREN PRODUCTS
MANUFACTURE CO.,LTD
XINMIAO INDUSTRY ZONE, XINCANG
TOWN, PINGHU CITY, ZHEJIANG PROVINCE
CHINA
Attn: TANG XIAN SHENG

Date: 24 Nov, 2025

Sample Description:

Two (2) sets of submitted sample said to be :
Item Name : **FOOT-FLOOR TOY.**
Item No. : **G09.**
Quantity : 2 Sets.
Packaging Provided By Applicant : Yes(Artwork).
Labelled Age Group : 18-36 months.
Country Of Origin : China.

Tests Conducted:

As requested by the applicant, for details refer to attached page(s).

To be continued

Authorized By:
Intertek Testing Services Ltd .Zhejiang, Ningbo Branch



Bobo Yao
Assistant General Manager



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Conclusion:

<u>Tested Samples</u> Submitted Sample	<u>Standard</u>	<u>Result</u>
	ASTM F963-23 Standard Consumer Safety Specification for Toy Safety	Pass
	U.S. ASTM F963-23 Flammability Test of Materials other than Textile Materials	Pass
	U.S. ASTM F963-23 Physical and Mechanical Tests.	Pass
	Canada Consumer Product Safety Act Toys Regulations SOR/2011-17 with amendments SOR/2016-195, SOR/2016-302, SOR/2018-138 and SOR/2024-217 - Mechanical and Physical test	Pass
	Canada Consumer Product Safety Act Toys Regulations SOR/2011-17 with amendments SOR/2016-195, SOR/2016-302, SOR/2018-138 and SOR/2024-217 - Cellulose Nitrate and Celluloid	Pass
	Canada Consumer Product Safety Act Toys Regulations SOR/2011-17 with amendments SOR/2016-195, SOR/2016-302, SOR/2018-138 and SOR/2024-217 Section 32 / 33 / 34 for Flammability Test	Not Applicable
Tested Components of Submitted Sample	U.S. ASTM F963-23 Section 4.3.5.2 on Soluble Elements Content in substrate	Pass
	U.S. ASTM F963-23 Section 4.3.5.2 on Total Lead Content in Substrate	Pass

To be continued

Authorized By:
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Bobo Yao
Assistant General Manager



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Conclusion:

<u>Tested Samples</u> Tested Component of Submitted Sample	<u>Standard</u>	<u>Result</u>
	ASTM F963-23 Section 4.3.8 on Phthalates Content	Pass
	U.S. Consumer Product Safety Improvement Act 2008 title I, section 101 for total Lead content in surface coating	Pass
	U.S. Consumer Product Safety Improvement Act 2008 title I, section 101 for total Lead content in non-surface coating materials (substrate)	Pass
	Canada Consumer Product Safety Act Toys Regulations SOR/2011-17 Section 23 and amendment SOR/2022-122 on toxic elements test	Pass
	Canada Consumer Product Safety Act Toys Regulation SOR/2011-17 Section 27(a)&(b) for accessible plastic material in toys for children under 3 years of age	Pass
	Canada Consumer Product Safety Act Phthalates Regulation SOR/2016-188 requirement on phthalates content	Pass
	Canada Consumer Products Containing Lead Regulations SOR/2018-83	Pass
	US Consumer Product Safety Improvement Act 2008 Title I, Sec 108(a) & (b)(3) and US 16 CFR Part 1307 for Prohibition of Children's Toys and Child Care Articles Containing Specified Phthalates	Pass
	U.S. ASTM F963-23 Section 4.3.5.1 on Soluble Elements Content in Surface Coating	Pass

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Tests Conducted

1 Standard Consumer Safety Specification for Toy Safety

As Specified in ASTM F963 Standard Consumer Safety Specification for Toy Safety

Applicant's Specified Age Group For Testing: For ages from 18 to 36 months

The Submitted Samples Were Undergone The Use And Abuse Tests In Accordance With The Federal Hazardous Substances Act (FHSA), Title 16, Code Of Federal Regulations : -

<u>Test</u>	<u>FHSA</u>	<u>Parameter</u>
Tip Over Test	--	3 Times
Torque Test	Section 1500.53(e)	4 in-lbf
Tension Test	Section 1500.53(f)	15 lbf
Compression Test	Section 1500.53(g)	30 lbf

The submitted samples were undergone the tests in accordance with section 8.5 through section 8.16 and 8.20 through 8.30 on normal use, abuse and specific tests for different types of toys whichever is applicable.

Sections Relevant to the item :

<u>Section</u>	<u>Testing Items</u>	<u>Assessment</u>
4.1	Material Quality (Visual Check on Cleanliness)	P
4.2	Flammability Test	P See Test Result #1
4.3	Toxicology	
4.3.2	Manufacturing and Packaging of Food	NA
4.3.3	Indirect Food Additives	NA
4.3.4	Cosmetics	NA
4.3.5	Heavy Elements	
	4.3.5.1 Heavy Elements in Paint/Similar Surface Coating Materials	See 16
	4.3.5.2 Heavy Metal in Substrate Materials	See 5
4.3.6	Cosmetic, Liquids, Pastes, Putties, Gels, Powders and Item of Avian Feather Origin	NA
4.3.7	Stuffing Materials	NA
4.3.8	Phthalates	See 8
4.4	Electrical/Thermal Energy	NA
4.5	Sound-Producing Toys	P
4.6.1	Toys Intended for Children Under 36 Months (Small Objects)	P
4.6.2	Mouth-Actuated Toys	NA
4.6.3	Toys And Games for 36 Months to 72 Months (Small Part Warning)	NA
4.7	Accessible Edges	P
4.8	Projections	P
4.9	Accessible Points	P
4.10	Wires Or Rods	NA



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Section	Testing Items	Assessment
4.11	Nails And Fasteners	P
4.12	Plastic Film	P
4.13.1	Folding Mechanisms	NA
4.13.2	Hinge-line Clearance	NA
4.14	Cords, Straps, and Elastics	NA
4.15	Stability And Over-Load Requirements	P
4.16	Confined Spaces	NA
4.17	Wheels, Tires and Axles	P
4.18	Holes, Clearance, And Accessibility of Mechanisms	P
4.19	Simulated Protective Devices	NA
4.20	Pacifiers	NA
4.21	Projectile Toys	NA
4.22	Teethers And Teething Toys	NA
4.23	Rattles	NA
4.24	Squeeze Toys	NA
4.25	Battery-Operated Toys	P
4.26	Toys Intended to Be Attached to A Crib or Playpen	NA
4.27	Stuffed And Beanbag-Type Toys	NA
4.28	Stroller And Carriage Toys	NA
4.29	Art Materials	NA
4.30	Toy Gun Marking	NA
4.31	Balloons	NA
4.32	Certain Toys with Nearly Spherical Ends	NA
4.33	Marbles	NA
4.34	Balls	NA
4.35	Pompoms	NA
4.36	Hemispheric-Shaped Objects	NA
4.37	Yoyo Elastic Tether Toys	NA
4.38	Magnets	NA
4.39	Jaw Entrapment in Handles and Steering Wheels	NA
4.40	Expanding Materials	NA
4.41	Toy Chests	NA
5	Labelling Requirement	
5.1.1	Specific Labeling Requirement Remark: All toys that fall within the definitions and requirements of the U.S FHSA shall conform to the labeling requirement of that act. For specific requirements, reference 16 CFR 1500.3, 1500.14, 1500.19, 1500.82,1500.83, 1500.86, 1500.121, 1500.122, 1500.123, 1500.125, 1500.126,1500.127, 1500.128, 1500.130, 1505.3, and 1511.7. In addition, state-labeling requirements may exist.	See Remark
5.1.2	Tracking label on product and packaging	P
5.2	Age Grading Labeling	P
5.3	Safety Labeling Requirements	P



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Section	Testing Items	Assessment
5.4	Aquatic Toys	NA
5.5	Crib & Playpen Toys	NA
5.6	Mobile	NA
5.7	Stroller and Carriage Toys	NA
5.8	Toys Intended to be Assembled by an Adult	P
5.9	Simulated Protective Devices	NA
5.10	Toys with Functional Sharp Edges and Sharp Points	NA
5.11	Small Objects, Small Balls, Marbles, and Balloons	NA
5.12	Art Materials	NA
5.13	Electric Toys	NA
5.14	Battery-operated Toys	NA
5.15	Promotional Materials	P
5.16	Magnets	NA
6	Instructional Literature	
6.2	Crib & Playpen Toys	NA
6.3	Mobiles	NA
6.4	Toys Intended to be Assembled by an Adult	P
6.5	Battery-operated Toys	P
6.6	Battery-powered Ride-on Toys	NA
6.7	Toys in Contact with Food	NA
6.8	Toy Chests	NA
6.9	The instructional material for toys which require a manufacturer-supplied specialty or custom tool to access the battery(ies).	NA
7.1	Producer's Markings - Name Of Producer/Distributor (Toy/Package) - Address (Toy/Package)	Yes Yes
7.2	Battery-powered Ride-on Toys	NA
7.3	Toy Chests - Name of Manufacturer/Distributor/Seller (Toy) - Address (City, State and Zip Code) of Manufacturer/Distributor/Seller (Toy) - Date Code (Toy and Package/Shipping Container)	NA
8.5	Normal Use Testing	P
8.7	Impact Test	P
8.8	Torque Test	P
8.9	Tension Test	P
8.10	Compression Test	P
8.12	Flexure Test	NA
8.16	Tension Test for Pompoms	NA
8.25	Magnet Test	NA

Remark: P = Pass

NA = Not applicable



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Tests Conducted

#1 Flammability Test

Test requirement: Section 4.2 of the ASTM Standard Consumer Safety Specification on Toy Safety F963-23, the sample was tested according to Annex A5 Flammability Testing Procedure for Solids and Soft Toys.

Result: Ignited but self-extinguished before burn rate could be determined.

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Tests Conducted

2 Physical and Mechanical Test

Test Standard: Canada Consumer Product Safety Act Toys Regulations SOR/2011-17 with amendments SOR/2016-195, SOR/2016-302, SOR/2018-138 and SOR/2024-217.

Applicant's specified age group for testing: For ages from 18 months to 36 months

The submitted samples were undergone the use and abuse tests in accordance with Canada Consumer Product Safety Act Toys Regulations SOR/2011-17 with amendments SOR/2016-195, SOR/2016-302, SOR/2018-138 and SOR/2024-217.	
<u>Test</u>	<u>Parameter</u>
Tip Over test#1	3 times
Pull test	42.5±2 N
Push test	42.5±2 N

No.	Testing Items	Assessment
3	General - English and French bilingual statement	P
4	Packaging	
	(a) The opening perimeter is less than 14 inches	NA
	(b) The opening perimeter is more than 14 inches	P
	<u>Electrical hazard</u>	
5	Electrically operated toys	NA
6	Electrically heated toys	NA
	<u>Mechanical hazard</u>	
7	Small parts	P
8	Metal edges	P
9	Wire frames	NA
10	Plastic edges	P
11	Wooden surfaces, edges and corners	NA
12	Glass	NA
13	Fasteners	P
14	Folding mechanism, bracket or bracing	NA
15	Spring-wound driving mechanisms	NA
16	Projectile components	NA
17	Toys which a child can enter and which can be closed by a lid or door	NA
18	Stationary toy that is intended to bear the weight of a child	NA
	<u>Auditory hazards</u>	
19	Noise limit	P
	<u>Thermal hazards</u>	
20	Heated surfaces, parts or substances	P
	<u>Dolls, plush toys and soft toys</u>	
28	Fastenings to attach parts, clothing or ornamentation	NA
29	Stuffing materials	
	(a) Clean and free from vermin	NA
	(b) Free from hard and sharp foreign matter	NA
30	Small parts -Squeaker, reed, valve or other similar device	NA
31	Eyes and noses	NA



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No.	Testing Items	Assessment
	<u>Plant seeds</u>	
35	Plant seeds for making noise	P
36	Plant seeds for stuffing material	NA
37	Shaft-like handle	NA
38	Toy steam engines boilers	NA
39	Finger paints	NA
40	Rattle	NA
41	Elastics	NA
42	Yo-yo type balls	
	(a) Stretchable cords	NA
	(b) Similar product	NA
	<u>Magnetic Toys</u>	
43	Magnetic force	NA
44	(1) Exceptions of 44 (1)(a)	NA
	(1) Exceptions of 44 (1)(b)	NA
	(2) Warning – Container and instructions or use for 44 (1)(b)	NA
	<u>Toys intended to be entered by a child</u>	
45	Exception	NA
46	Requirements and Testing	NA
47	Warning	NA

Remark: P = Pass

NA = Not Applicable

#1 = Due to the large size and heavy weight of the sample, the tip over test was conducted according to ISO 8124-1 section 5.24.3 instead of drop test.

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Tests Conducted

3 Cellulose Nitrate and Celluloid

Test Standard: Canada Consumer Product Safety Act Toys Regulations SOR/2011-17 with amendments SOR/2016-195, SOR/2016-302, SOR/2018-138 and SOR/2024-217

	<u>Assessment</u>	<u>Requirement</u>
Cellulose Nitrate/Celluloid	Absent	Absent

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Tests Conducted

4 Flammability Test

As per Canada Consumer Product Safety Act Toys Regulations SOR/2011-17 with amendments SOR/2016-195, SOR/2016-302, SOR/2018-138 and SOR/2024-217 Section 32 / 33 / 34.

The flammability test was not applicable to the submitted sample.

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Tests Conducted

5 U.S. ASTM F963-23 Section 4.3.5.2 on Soluble Elements Content

As per Section 4.3.5 and Section 8.3.2 to 8.3.5 of the ASTM Standard Consumer Safety Specification on Toy Safety F963-23, heavy elements migration content were determined by Inductively Coupled Plasma - Optical Emission Spectrometry.

Test Item	Result (mg/kg)	Reporting Limit	Limit
	(3)to(11)	(mg/kg)	(mg/kg)
Sol. Barium (Ba)	ND	5	1000
Sol. Lead (Pb)	ND	5	90
Sol. Cadmium (Cd)	ND	5	75
Sol. Antimony (Sb)	ND	5	60
Sol. Selenium (Se)	ND	5	500
Sol. Chromium (Cr)	ND	5	60
Sol. Mercury (Hg)	ND	5	60
Sol. Arsenic (As)	ND	2.5	25

Remark: mg/kg = milligram per kilogram =ppm
Sol. = Soluble
ND= Not detected (Less than reporting limit)

Tested components: See component list in the last section of this report.

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Tests Conducted

6 U.S. ASTM F963-23 Section 4.3.5.1 on Total Lead Content in Surface Coating

As per section 4.3.5 of the ASTM standard consumer safety specification on toy safety F963-23, test method CPSC-CH-E1003-09.1 was/were used and total Lead content was determined by Inductively Coupled Argon Plasma Spectrometry.

Test Item	Result in ppm		Reporting Limit	Limit
	(1)	(2)	(ppm)	(ppm)
Lead(Pb)	ND	ND	10	90

Remark: ppm = parts per million = mg/kg
ND= Not detected (Less than reporting limit)

Tested Components: See component list in the last section of this report.

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Tests Conducted

7 U.S. ASTM F963-23 Section 4.3.5.2 on Total Lead Content in Substrate

As per section 4.3.5 of the ASTM standard consumer safety specification on toy safety F963-23, test method CPSC-CH-E1001-08.3 or/and CPSC-CH-E1002-08.3, was/were used and total Lead content was determined by Inductively Coupled Argon Plasma Spectrometry.

Test Item	Result in ppm					Reproting Limit (ppm)	Limit (ppm)
	(3+4+5)	(6+7)	(8+9)	(10)	(11)		
Lead(Pb)	ND	ND	ND	ND	ND	10	100

Test Item	Result in ppm		Reproting Limit (ppm)	Limit (ppm)
	(12)	(13)		
Lead(Pb)	18	ND	10	100

Remark: ppm = parts per million = mg/kg
ND= Not detected (Less than reporting limit)

Tested Components: See component list in the last section of this report.

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Tests Conducted

8 ASTM F963-23 Section 4.3.8 on Phthalates Content

With reference to CPSC-CH-C1001-09.4, by Gas Chromatographic-Mass Spectrometric (GC-MS) analysis.

Test Item	Result (%)			Detection Limit (%)	Limit (%) (Max.)
	(1)	(2)	(3+4+5)		
Dibutyl phthalate (DBP)	ND	ND	ND	0.01	0.1
Di-(2-ethylhexyl) phthalate (DEHP)	ND	ND	ND	0.01	0.1
Benzyl butyl phthalate (BBP)	ND	ND	ND	0.01	0.1
Diisononyl phthalate (DINP)	ND	ND	ND	0.01	0.1
Diisobutyl phthalate (DIBP)	ND	ND	ND	0.01	0.1
Di-n-pentyl phthalate (DPENP)	ND	ND	ND	0.01	0.1
Di-n-hexyl phthalate (DHEXP)	ND	ND	ND	0.01	0.1
Dicyclohexyl phthalate (DCHP)	ND	ND	ND	0.01	0.1

Test Item	Result (%)			Detection Limit (%)	Limit (%) (Max.)
	(6+7)	(8+9)	(10)		
Dibutyl phthalate (DBP)	ND	ND	ND	0.01	0.1
Di-(2-ethylhexyl) phthalate (DEHP)	ND	ND	ND	0.01	0.1
Benzyl butyl phthalate (BBP)	ND	ND	ND	0.01	0.1
Diisononyl phthalate (DINP)	ND	ND	ND	0.01	0.1
Diisobutyl phthalate (DIBP)	ND	ND	ND	0.01	0.1
Di-n-pentyl phthalate (DPENP)	ND	ND	ND	0.01	0.1
Di-n-hexyl phthalate (DHEXP)	ND	ND	ND	0.01	0.1
Dicyclohexyl phthalate (DCHP)	ND	ND	ND	0.01	0.1

Test Item	Result (%)		Detection Limit (%)	Limit (%) (Max.)
	(11)	(14)		
Dibutyl phthalate (DBP)	ND	ND	0.01	0.1
Di-(2-ethylhexyl) phthalate (DEHP)	ND	ND	0.01	0.1
Benzyl butyl phthalate (BBP)	ND	ND	0.01	0.1
Diisononyl phthalate (DINP)	ND	ND	0.01	0.1
Diisobutyl phthalate (DIBP)	ND	ND	0.01	0.1
Di-n-pentyl phthalate (DPENP)	ND	ND	0.01	0.1
Di-n-hexyl phthalate (DHEXP)	ND	ND	0.01	0.1
Dicyclohexyl phthalate (DCHP)	ND	ND	0.01	0.1



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Remark: ND = Not Detected(Less than detection limit)

Tested Components: See component list in the last section of this report.

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Tests Conducted

9 Total Lead (Pb) Content in Surface Coating

As per standard operating procedure for determining Lead (Pb) in paint and other similar surface coatings (April 26, 2009), test method CPSC-CH-E1003-09.1 was used and total Lead content was determined by Inductively Coupled Argon Plasma Spectrometry.

<u>Tested Components</u>	<u>Result (ppm)</u>	<u>Limit (ppm)</u>
(1)	<20	90
(2)	<20	90

The limit was quoted according to U.S. Consumer Product Safety Improvement Act 2008 title I, section 101 for total Lead content in surface coating.

Remark: ppm = Parts per million = mg/kg

Tested Components: See component list in the last section of this report.

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Tests Conducted

10 Total Lead (Pb) Content In Non-Surface Coating Materials (Substrate)

As per standard operating procedures for determining total Lead (Pb) in children's products, test method(s) CPSC-CH-E1002-08.3 and/or CPSC-CH-E1001-08.3 was/were used and total Lead content was determined by Inductively Coupled Argon Plasma Spectrometry.

<u>Tested Components</u>	<u>Result (ppm)</u>	<u>Limit (ppm)</u>
(3+4+5)	<10	100
(6+7)	<10	100
(8+9)	<10	100
(10)	<10	100
(11)	<10	100
(12)	18	100
(13)	<10	100

The limit was quoted according to U.S. Consumer Product Safety Improvement Act 2008 title I, section 101 for total Lead content in non-surface coating materials (substrate).

Remark: ppm = Parts per million = mg/kg

Tested Components: See component list in the last section of this report.

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Tests Conducted

11 Toxic Elements Analysis (CCPSA SOR/2011-17 and Amendment SOR/2022-122)

With reference to Method C-02.2.1, C-07 published in Health Canada Product safety reference manual Book 5 - Laboratory Policies and Procedures Part B: Test Methods Section and Section 8.3.2 to 8.3.5 of the ASTM Standard Consumer Safety Specification on Toy Safety F963-23, acid digestion and extraction methods were used and toxic elements content were determined by Inductively Coupled Plasma-mass Spectrometry and Inductively Coupled Argon Plasma Spectrometry.

Test Item	Result (mg/kg)		Reporting Limit (mg/kg)	Limit (mg/kg)
	(1)	(2)		
Tot. Lead (Pb)	ND	ND	10	90
Tot. Mercury (Hg)	ND	ND	0.047	10
Sol. Cadmium (Cd)	ND	ND	5	1000
Sol. Antimony (Sb)	ND	ND	5	1000
Sol. Selenium (Se)	ND	ND	5	1000
Sol. Arsenic (As)	ND	ND	2.5	1000
Sol. Barium (Ba)	ND	ND	5	1000

The above limit was quoted according to Canada Consumer Product Safety Act Toys Regulations SOR/2011-17 Section 23 and Amendment SOR/2022-122 for prohibition on toxic elements in stickers, films and surface coating materials.

Remark : Tot. = Total
Sol. = Soluble
ND = Not detected (Less than reporting limit)

Tested Component(s): See component list in the last section of this report.

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Tests Conducted

12 Canada Consumer Product Safety Act Toys Regulation SOR/2011-17 Section 27(a)&(b) on Toxic Elements Analysis

As per Canada Consumer Product Safety Act Toys Regulation SOR/2011-17 Section 27 (a)&(b), by acid digestion and extraction methods were used and toxic elements content were determined by Inductively Coupled Argon Plasma Spectrometry.

Test Item	Result (mg/kg)	Detection	Limit
	(3)to(11)	Limit (mg/kg)	(mg/kg)
Tot. Lead (Pb)	ND	10	90
Sol. Barium (Ba)	ND	5	1000
Sol. Mercury (Hg)	ND	5	60
Sol. Cadmium (Cd)	ND	5	75
Sol. Antimony (Sb)	ND	5	60
Sol. Chromium (Cr)	ND	5	60
Sol. Selenium (Se)	ND	5	500
Sol. Arsenic (As)	ND	2.5	25

Remark: mg/kg = Milligram per kilogram
ND = Not Detected (Less than detection limit)
Tot. = Total
Sol. = Soluble

Tested Components: See component list in the last section of this report.

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13 Phthalate Content (SOR/2016-188)

With reference to method CPSC-CH-C1001-09.3, followed by solvent extraction and Gas Chromatography-Mass Spectrometry (GC-MS) analysis.

Test Item	Result (mg/kg)			Detection Limit (mg/kg)	Limit (mg/kg) (Max.)
	(1)	(2)	(3+4+5)		
Di-butyl phthalate (DBP)	ND	ND	ND	100	1000
Di(2-ethyl hexyl) phthalate (DEHP)	ND	ND	ND	100	1000
Benzyl butyl phthalate (BBP)	ND	ND	ND	100	1000
Di-iso-nonyl phthalate (DINP)	ND	ND	ND	100	1000
Di-n-octyl phthalate (DNOP)	ND	ND	ND	100	1000
Di-iso-decyl phthalate (DIDP)	ND	ND	ND	100	1000

Test Item	Result (mg/kg)				Detection Limit (mg/kg)	Limit (mg/kg) (Max.)
	(6+7)	(8+9)	(10)	(11)		
Di-butyl phthalate (DBP)	ND	ND	ND	ND	100	1000
Di(2-ethyl hexyl) phthalate (DEHP)	ND	ND	ND	ND	100	1000
Benzyl butyl phthalate (BBP)	ND	ND	ND	ND	100	1000
Di-iso-nonyl phthalate (DINP)	ND	ND	ND	ND	100	1000
Di-n-octyl phthalate (DNOP)	ND	ND	ND	ND	100	1000
Di-iso-decyl phthalate (DIDP)	ND	ND	ND	ND	100	1000

The above limit was quoted according to Canada Consumer Product Safety Act Phthalates Regulation SOR/2016-188 for phthalate content on toys and child care articles.

Remark: ND = Not Detected

Tested Components: See component list in the last section of this report.

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Tests Conducted

14 Total Lead (Pb) Content (Canada Consumer Products Containing Lead Regulations SOR/2018-83)

As per methods C02.2, C02.3 and C02.4, acid digestion was used and total Lead content was determined by Inductively Coupled Argon Plasma Spectrometry analysis.

Test Item	Result (mg/kg)			Reporting Limit (mg/kg)	Limit (mg/kg)
	(1)	(2)	(3+4+5)		
Lead	ND	ND	ND	10	90

Test Item	Result (mg/kg)			Reporting Limit (mg/kg)	Limit (mg/kg)
	(6+7)	(8+9)	(10)		
Lead	ND	ND	ND	10	90

Test Item	Result (mg/kg)			Reporting Limit (mg/kg)	Limit (mg/kg)
	(11)	(12)	(13)		
Lead	ND	18	ND	10	90

The above limit was quoted according to Canada Consumer Products Containing Lead Regulations SOR/2018-83.

Remark: ND=Not detected (Less than reporting limit)

Tested Components: See component list in the last section of this report.

Date Sample Received: 21 Oct, 2025

Testing Period: 21 Oct, 2025 To 14 Nov, 2025

To be continued

Test Report

Number: SHAH0188262702

Tests Conducted

15 Phthalate Content

With reference to CPSC-CH-C1001-09.4, by Gas Chromatographic-Mass Spectrometric (GC-MS) analysis.

Test item	Result (%)				Limit (%) (Max.)
	(1)	(2)	(3+4+5)	(6+7)	
Dibutyl phthalate (DBP)	ND	ND	ND	ND	0.1
Di-(2-ethylhexyl) phthalate (DEHP)	ND	ND	ND	ND	0.1
Benzyl butyl phthalate (BBP)	ND	ND	ND	ND	0.1
Diisononyl phthalate (DINP)	ND	ND	ND	ND	0.1
Diisobutyl phthalate (DIBP)	ND	ND	ND	ND	0.1
Di-n-pentyl phthalate (DPENP)	ND	ND	ND	ND	0.1
Di-n-hexyl phthalate (DHEXP)	ND	ND	ND	ND	0.1
Dicyclohexyl phthalate (DCHP)	ND	ND	ND	ND	0.1

Test item	Result (%)				Limit (%) (Max.)
	(8+9)	(10)	(11)	(14)	
Dibutyl phthalate (DBP)	ND	ND	ND	ND	0.1
Di-(2-ethylhexyl) phthalate (DEHP)	ND	ND	ND	ND	0.1
Benzyl butyl phthalate (BBP)	ND	ND	ND	ND	0.1
Diisononyl phthalate (DINP)	ND	ND	ND	ND	0.1
Diisobutyl phthalate (DIBP)	ND	ND	ND	ND	0.1
Di-n-pentyl phthalate (DPENP)	ND	ND	ND	ND	0.1
Di-n-hexyl phthalate (DHEXP)	ND	ND	ND	ND	0.1
Dicyclohexyl phthalate (DCHP)	ND	ND	ND	ND	0.1

The above limit was quoted according to 16 CFR part 1307 approved by U.S. Consumer Product Safety Commission (CPSC) for prohibition of children's toys and child care articles containing specified phthalates.

Remark: ND = Not Detected
Detection Limit = 0.01%

Tested Component(s): See component list in the last section of this report.

Date Sample Received: 21 Oct, 2025
Testing Period: 21 Oct, 2025 To 24 Oct, 2025

To be continued

Test Report

Number: SHAH0188262702

Tests Conducted

16 U.S. ASTM F963-23 Section 4.3.5.1 on Soluble Elements Content

As per Section 4.3.5 and Section 8.3.2 to 8.3.5 of the ASTM Standard Consumer Safety Specification on Toy Safety F963-23, heavy elements migration content were determined by Inductively Coupled Plasma - Optical Emission Spectrometry.

Test Item	Result (mg/kg)		Reporting Limit (mg/kg)	Limit (mg/kg)
	(1)	(2)		
Sol. Barium (Ba)	ND#	ND	5	1000
Sol. Lead (Pb)	ND	ND	5	90
Sol. Cadmium (Cd)	ND	ND	5	75
Sol. Antimony (Sb)	ND	ND	5	60
Sol. Selenium (Se)	ND	ND	5	500
Sol. Chromium (Cr)	ND	ND	5	60
Sol. Mercury (Hg)	ND	ND	5	60
Sol. Arsenic (As)	ND	ND	2.5	25

Remark: mg/kg = milligram per kilogram =ppm

Sol. = Soluble

ND= Not detected (Less than reporting limit)

= The analytical results were adjusted by subtracting analytical correction factor.

Tested components: See component list in the last section of this report.

Date Sample Received: 21 Oct, 2025

Testing Period: 21 Oct, 2025 To 14 Nov, 2025

To be continued

Test Report

Number: SHAH0188262702

Tests Conducted



To be continued

Test Report

Number: SHAH0188262702

Tests Conducted

reference photo



reference photo



reference photo



Photo provided by client

To be continued

Test Report

Number: SHAH0188262702

Tests Conducted

Components:

- (1) Black coating on metal.
- (2) Multi-color coating on paper(sticker).
- (3) Black plastic.
- (4) Red plastic.
- (5) Transparent plastic.
- (6) White plastic with light silver cladding.
- (7) Yellow plastic.
- (8) Pink plastic.
- (9) Green plastic.
- (10) Transparent soft plastic film with underlying coatings(sticker).
- (11) Black soft plastic(handle).
- (12) Silver metal.
- (13) Black metal.
- (14) White adhesive paper without multi-color printing(sticker).

End of report

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