

Test Report

Number: SHAH01882281

Applicant: NINGBO FAMILY BABY PRODUCTS CO.,LTD.
#29,PUDI ROAD ,XIAPU INDUSTRIAL
ZONE ,NINGBO ,P.R.CHINA
Attn: BEI

Date: 07 Nov, 2025

Sample Description:

Two(2) sets of submitted sample said to be :

Item Name : Kids Tricycle.

Item No. : T301D

T301B.

Reference No. 370-267V00BU/370-267V00WT/370-267V00PK /
370-267V00BK/370-267V00YL/370-267V00GN(T301B)
370-024BK/370-024PK(T301D)
T301

Quantity : 2 sets.

Labelled Age Group : 18-60mouths(Instruction).

Packaging Provided By Applicant : Yes.

Buyer : GLOBAL.

Goods Exported to : GLOBAL.

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



Test Report

Number: SHAH01882281

Conclusion:

<u>Tested Sample</u> Submitted Sample	<u>Test Item</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
	Consumer Product Safety Act section 14(a)(5) tracking labels for Children Products	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 and SOR/2018-138 Section 32 / 33 / 34 for Flammability Test	Not Applicable
Tested Components of Submitted Sample	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
	U.S. ASTM F963-23 Section 4.3.5.1 on Total Lead Content in Surface Coating	Pass
	U.S. ASTM F963-23 Section 4.3.5.2 on Total Lead Content in Substrate	Pass
	U.S. ASTM F963-23 Section 4.3.5.1 on Soluble Elements Content in Surface Coating	Pass
	Canada Consumer Product Safety Act Surface Coating Regulations SOR/2016-193 Section 6 and amendment SOR/2022-122 for total lead content in products with applied stickers, films or surface coating materials	Pass

To be continued

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Bobo Yao
Assistant General Manager



Test Report

Number: SHAH01882281

Conclusion:

<u>Tested Sample</u> Tested Components of Submitted Sample	<u>Test Item</u>	<u>Result</u>
	U.S. ASTM F963-23 Section 4.3.5.2 on Soluble Elements Content in substrate	Pass
	ASTM F963-23 Section 4.3.8 on Phthalates Content	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
	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	Not Applicable
	Canada Consumer Product Safety Act Surface Coating Materials Regulations SOR/2016-193 and amendment SOR/2022-122 on Mercury content	Pass

To be continued

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Test Report

Number: SHAH01882281

Tests Conducted

1 Standard Consumer Safety Specification for Toy Safety on sample A& B

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

Applicant's Specified Age Group For Testing: For ages from 18 to 60 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 : -

Test	FHSA	Parameter
Impact Test	Section 1500.53(b)	4 x 3.0 ft
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 :

Section	Testing Items	Assessment
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 8&10
	4.3.5.2 Heavy Metal in Substrate Materials	See 9&11
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 12
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	NA
4.9	Accessible Points	P



Test Report

Number: SHAH01882281

Tests Conducted

Section	Testing Items	Assessment
4.10	Wires Or Rods	NA
4.11	Nails And Fasteners	P
4.12	Plastic Film	NA
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	NA
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	NA



Test Report

Number: SHAH01882281

Tests Conducted

Section	Testing Items	Assessment
5.3	Safety Labeling Requirements	P
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	NA
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

Test Report

Number: SHAH01882281

Tests Conducted

#1 Flammability Test on sample A& B

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.

Date Sample Received: 20 Oct, 2025

Testing Period: 20 Oct, 2025 To 29 Oct, 2025

To be continued



Test Report

Number: SHAH01882281

Tests Conducted

2 Tracking Label Assessment on sample A& B

As per Consumer Product Safety Act Section 14(a)(5) (CPSA, 15 U.S.C. §2063(a)(5)) tracking labels for children products

Tracking Label Found on the Packaging:

Aosom LLC
Manufactured in Ningbo City, Zhejiang
08.2024

Tracking Label Found on the Product:

Aosom LLC
Manufactured in Ningbo City, Zhejiang
08.2024

Note: The tracking label assessment was based on the submitted sample and the information provided by the applicant. There was no verification on the validity of such information.

Date Sample Received: 20 Oct, 2025

Testing Period: 20 Oct, 2025 To 29 Oct, 2025

To be continued



Test Report

Number: SHAH01882281

Tests Conducted

3 Physical and Mechanical Test on sample A& B

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 to 60 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.	
Test	Parameter
Drop test	4 x (1.367±0.005) m
Pull test	42.5±2 N
Push test	42.5±2 N

No.	Testing Items	Assessment
3	General - English and French bilingual statement	NA
4	Packaging	
	(a) The opening perimeter is less than 14 inches	NA
	(b) The opening perimeter is more than 14 inches	NA
	<u>Electrical hazard</u> NA	
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	NA
	<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



Test Report

Number: SHAH01882281

Tests Conducted

No.	Testing Items	Assessment
	<u>Plant seeds</u>	
35	Plant seeds for making noise	NA
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
	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

Date Sample Received: 20 Oct, 2025

Testing Period: 20 Oct, 2025 To 29 Oct, 2025

To be continued



Test Report

Number: SHAH01882281

Tests Conducted

4 Cellulose Nitrate and Celluloid on sample A& B

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

Date Sample Received: 20 Oct, 2025

Testing Period: 20 Oct, 2025 To 29 Oct, 2025

To be continued



Test Report

Number: SHAH01882281

Tests Conducted

5 Flammability Test on sample A& B

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

The flammability test was not applicable to the submitted sample.

Date Sample Received: 20 Oct, 2025

Testing Period: 20 Oct, 2025 To 29 Oct, 2025

To be continued



Test Report

Number: SHAH01882281

Tests Conducted

6 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+2+3)	<20	90
(4)	<20	90
(20+21+22)	<20	90
(23+24+25)	<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.

Date Sample Received: 20 Oct, 2025

Testing Period: 20 Oct, 2025 To 06 Nov, 2025

To be continued



Test Report

Number: SHAH01882281

Tests Conducted

7 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>
(5+6+7)	<10	100
(8+9)	<10	100
(10+14)	<10	100
(11+12)	<10	100
(13)	<10	100
(15+16+17)	<10	100
(18+19)	<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.

Date Sample Received: 20 Oct, 2025

Testing Period: 20 Oct, 2025 To 06 Nov, 2025

To be continued

Test Report

Number: SHAH01882281

Tests Conducted

8 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+3)	(4)	(20+21+22)	(23+24+25)	(ppm)	(ppm)
Lead(Pb)	ND	ND	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.

Date Sample Received: 20 Oct, 2025

Testing Period: 20 Oct, 2025 To 06 Nov, 2025

To be continued



Test Report

Number: SHAH01882281

Tests Conducted

9 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)
	(5+6+7)	(8+9)	(10+14)	(11+12)	(13)		
Lead(Pb)	ND	ND	ND	ND	ND	10	100

Test Item	Result in ppm		Reproting Limit (ppm)	Limit (ppm)
	(15+16+17)	(18+19)		
Lead(Pb)	ND	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.

Date Sample Received: 20 Oct, 2025

Testing Period: 20 Oct, 2025 To 06 Nov, 2025

To be continued

Test Report

Number: SHAH01882281

Tests Conducted

10 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)
	(2)	(3)	(4)	(20)	(21)		
Sol. Barium (Ba)	16.8#	524.3#	38.5#	46.2#	26.6#	5	1000
Sol. Lead (Pb)	ND	ND	ND	ND	ND	5	90
Sol. Cadmium (Cd)	ND	ND	ND	ND	ND	5	75
Sol. Antimony (Sb)	ND	ND	ND	ND	ND	5	60
Sol. Selenium (Se)	ND	ND	ND	ND	ND	5	500
Sol. Chromium (Cr)	ND	ND	ND	ND	ND	5	60
Sol. Mercury (Hg)	ND	ND	ND	ND	ND	5	60
Sol. Arsenic (As)	ND	ND	ND	ND	ND	2.5	25

Test Item	Result (mg/kg)				Reporting Limit (mg/kg)	Limit (mg/kg)
	(22)	(23)	(24)	(25)		
Sol. Barium (Ba)	12.6#	26.6#	72.8#	36.4#	5	1000
Sol. Lead (Pb)	ND	ND	ND	ND	5	90
Sol. Cadmium (Cd)	ND	ND	ND	ND	5	75
Sol. Antimony (Sb)	ND	ND	ND	ND	5	60
Sol. Selenium (Se)	ND	ND	ND	ND	5	500
Sol. Chromium (Cr)	ND	ND	ND	ND	5	60
Sol. Mercury (Hg)	ND	ND	ND	ND	5	60
Sol. Arsenic (As)	ND	ND	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.

@ = Since the sample weight of the component (1) was less than 10 mg, soluble elements analysis was not conducted.

Date Sample Received: 20 Oct, 2025

Testing Period: 20 Oct, 2025 To 06 Nov, 2025

To be continued

Test Report

Number: SHAH01882281

Tests Conducted

11 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 (mg/kg)	Limit (mg/kg)
	(5)to(10)	(11)	(12)	(14)	(15)		
Sol. Barium (Ba)	ND	5.6#	ND	ND	ND	5	1000
Sol. Lead (Pb)	ND	ND	ND	ND	ND	5	90
Sol. Cadmium (Cd)	ND	ND	ND	ND	ND	5	75
Sol. Antimony (Sb)	ND	ND	ND	ND	ND	5	60
Sol. Selenium (Se)	ND	ND	ND	ND	ND	5	500
Sol. Chromium (Cr)	ND	ND	ND	ND	ND	5	60
Sol. Mercury (Hg)	ND	ND	ND	ND	ND	5	60
Sol. Arsenic (As)	ND	ND	ND	ND	ND	2.5	25

Test Item	Result (mg/kg)		Reporting Limit (mg/kg)	Limit (mg/kg)
	(16)	(17)to(19)		
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: 20 Oct, 2025

Testing Period: 20 Oct, 2025 To 06 Nov, 2025

To be continued

Test Report

Number: SHAH01882281

Tests Conducted

12 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+6+7)		
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.)
	(8+9)	(10+14)	(11+12)		
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.)
	(15+16+17)	(18+19)		
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

Test Item	Result (%)		Detection Limit (%)	Limit (%) (Max.)
	(20+21+22)	(23+24+25)		
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



Test Report

Number: SHAH01882281

Tests Conducted

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

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

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

Date Sample Received: 20 Oct, 2025

Testing Period: 20 Oct, 2025 To 06 Nov, 2025

To be continued



Test Report

Number: SHAH01882281

Tests Conducted

13 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)	(8+9)	
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.)
	(10+14)	(11+12)	(15+16+17)	
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
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

Test item	Result (%)			Limit (%) (Max.)
	(18+19)	(20+21+22)	(23+24+25)	
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
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



Test Report

Number: SHAH01882281

Tests Conducted

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: 20 Oct, 2025

Testing Period: 20 Oct, 2025 To 06 Nov, 2025

To be continued



Test Report

Number: SHAH01882281

Tests Conducted

14 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)	(3)	(4)		
Tot. Lead (Pb)	ND	ND	ND	ND	10	90
Tot. Mercury (Hg)	ND	ND	ND	ND	0.047	10
Sol. Cadmium (Cd)	ND	ND	ND	ND	5	1000
Sol. Antimony (Sb)	ND	ND	ND	ND	5	1000
Sol. Selenium (Se)	ND	ND	ND	ND	5	1000
Sol. Arsenic (As)	ND	ND	ND	ND	2.5	1000
Sol. Barium (Ba)	22.4#	11.2#	524.3#	38.5#	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)

= The results were adjusted by subtracting analytical correction factor.

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

Date Sample Received: 20 Oct, 2025

Testing Period: 20 Oct, 2025 To 06 Nov, 2025

To be continued

Test Report

Number: SHAH01882281

Tests Conducted

15 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
	(5)to(12)	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.

Date Sample Received: 20 Oct, 2025

Testing Period: 20 Oct, 2025 To 06 Nov, 2025

To be continued



Test Report

Number: SHAH01882281

Tests Conducted

16 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+6+7)		
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.)
	(8+9)	(10+14)	(11+12)		
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.)
	(15+16+17)	(18+19)		
Di-butyl phthalate (DBP)	ND	ND	100	1000
Di(2-ethyl hexyl) phthalate (DEHP)	ND	ND	100	1000
Benzyl butyl phthalate (BBP)	ND	ND	100	1000
Di-iso-nonyl phthalate (DINP)	ND	ND	100	1000
Di-n-octyl phthalate (DNOP)	ND	ND	100	1000
Di-iso-decyl phthalate (DIDP)	ND	ND	100	1000

Test Item	Result (mg/kg)		Detection Limit (mg/kg)	Limit (mg/kg) (Max.)
	(20+21+22)	(23+24+25)		
Di-butyl phthalate (DBP)	ND	ND	100	1000
Di(2-ethyl hexyl) phthalate (DEHP)	ND	ND	100	1000
Benzyl butyl phthalate (BBP)	ND	ND	100	1000
Di-iso-nonyl phthalate (DINP)	ND	ND	100	1000
Di-n-octyl phthalate (DNOP)	ND	ND	100	1000
Di-iso-decyl phthalate (DIDP)	ND	ND	100	1000



Test Report

Number: SHAH01882281

Tests Conducted

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.

Date Sample Received: 20 Oct, 2025

Testing Period: 20 Oct, 2025 To 06 Nov, 2025

To be continued



Test Report

Number: SHAH01882281

Tests Conducted

17 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+6+7)		
Lead	ND	ND	ND	10	90

Test Item	Result (mg/kg)			Reporting Limit (mg/kg)	Limit (mg/kg)
	(8+9)	(10+14)	(11+12)		
Lead	ND	ND	ND	10	90

Test Item	Result (mg/kg)			Reporting Limit (mg/kg)	Limit (mg/kg)
	(13)	(15+16+17)	(18+19)		
Lead	ND	ND	ND	10	90

Test Item	Result (mg/kg)			Reporting Limit (mg/kg)	Limit (mg/kg)
	(20+21+22)	(23+24+25)			
Lead	ND	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: 20 Oct, 2025

Testing Period: 20 Oct, 2025 To 06 Nov, 2025

To be continued

Test Report

Number: SHAH01882281

Tests Conducted

18 Total Mercury (Hg) Content (CCPSA SOR/2016-193 and Amendment SOR/2022-122)

With reference to Method C-07 published in Health Canada Product safety reference manual Book 5 - Laboratory Policies and Procedures Part B: Test Methods Section, acid digestion method was used and determined by Inductively Coupled Plasma-mass Spectrometry.

Test Item	Result (mg/kg)	Reporting Limit (mg/kg)	Limit (mg/kg)
	Submitted Sample		
Mercury (Hg)	Not Applicable	0.047	10

The above limit was quoted according to Canada Consumer Product Safety Act Surface Coating Materials Regulations SOR/2016-193 and Amendment SOR/2022-122 for prohibition on Mercury in surface coating materials.

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

Assessment: Since no surface coating material was found on the submitted sample (s), the testing scope of Canada Consumer Product Safety Act Surface Coating Materials Regulations SOR/2016-193 and Amendment SOR/2022-122 was not applicable to the submitted sample (s).

Date Sample Received: 20 Oct, 2025

Testing Period: 20 Oct, 2025 To 06 Nov, 2025

To be continued



Test Report

Number: SHAH01882281

Tests Conducted

19 Total Lead (Pb) Content on Products with Applied Stickers, Films or Surface Coating Materials (SOR/2016-193 Section 6 and Amendment SOR/2022-122)

As per Canada Consumer Product Safety Act Surface Coating Regulations SOR/2016-193 Section 6 and amendment SOR/2022-122, acid digestion method was used and total Lead content was determined by Inductively Coupled Argon Plasma Spectrometry.

Test Item	Result (mg/kg)			Detection Limit (mg/kg)	Limit (mg/kg)
	(1+2+3)	(4)	(20+21+22)		
Lead	ND	ND	ND	10	90

Test Item	Result (mg/kg)	Detection Limit (mg/kg)	Limit (mg/kg)
	(23+24+25)		
Lead	ND	10	90

Remark: mg/kg = milligram per kilogram
ND=Not Detected

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

Date Sample Received: 20 Oct, 2025

Testing Period: 20 Oct, 2025 To 06 Nov, 2025

To be continued



Test Report

Number: SHAH01882281

Tests Conducted



To be continued

Test Report

Number: SHAH01882281

Tests Conducted



Photo provided by client

To be continued

Test Report

Number: SHAH01882281

Tests Conducted

Reference Photo
SHAH01882281



Reference Photo
SHAH01882281



Reference Photo
SHAH01882281



Reference Photo
SHAH01882281



Photo provided by client

To be continued

Test Report

Number: SHAH01882281

Tests Conducted

Components:

- (1) White coating on metal(frame).
- (2) Black coating on metal(frame).
- (3) Cream color coating on metal(frame).
- (4) Multi-color coating on paper(sticker).
- (5) Black plastic(body).
- (6) Brown plastic(body).
- (7) Cream color plastic(wheel).
- (8) Black rubber(handle).
- (9) Brown rubber(handle).
- (10) Black soft plastic(pipe).
- (11) Black sponge(handle bar).
- (12) Black foam(wheel).
- (13) Silver metal(frame).
- (14) Green soft plastic(component handle).
- (15) Dak grey plastic(component).
- (16) Blue plastic(component).
- (17) Pink plastic(component).
- (18) Green plastic(component).
- (19) Pale orange plastic(component).
- (20) Dark grey powder.
- (21) Blue powder.
- (22) Light pink powder.
- (23) Pink powder.
- (24) Green powder.
- (25) Pale orange powder.

End of report

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