

Test Report

Number: SHAH01914078

Applicant: JINJIANFENG GROUP PINGHU CHILDREN
TRICYCLE CO., LTD.
NORTH OF BABYCAR ROAD,XINCANG TOWN,
PINGHU CITY,ZHEJIANG.CHINA
Attn: Arno Li

Date: 02 Mar, 2026

Sample Description:

One (1) group of submitted sample said to be :
Item Name : Electric ride on toy
Item No. : TR2602(24V)
Labelled Age Group : Over 3 years.
Packaging Provided By Applicant : Yes(Art work).
Goods Exported To : USA, CANADA, EU, UK
Country Of Origin : China.

Tests Conducted:

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

Prepared And Checked By:
For Intertek Testing Services Wuxi Ltd.



Bill Zhang
General Manager



Test Report

Number: SHAH01914078

Conclusion:

<u>Tested Samples</u>	<u>Standard</u>	<u>Result</u>
Submitted Sample	ASTM F963-23 Standard Consumer Safety Specification for Toy Safety	Pass
Submitted Sample	U.S. CFR Title 16 (CPSC Regulations) Mechanical and Physical Tests 1500.48 Sharp Point 1500.49 Sharp Edge 1501 Small parts	Pass Pass Not Applicable
Submitted Sample	U.S. CFR Title 16 (CPSC Regulations) Part 1500.3(c)(6)(vi) Flammability Test On Rigid and Pliable Solids	Pass
Tested Components Of Submitted Samples	U.S. Consumer Product Safety Improvement Act 2008 title I, section 101 for total Lead content in surface coating	Pass
Tested Components Of Submitted Samples	U.S. 16 CFR Part 1303 total Lead content	Pass
Tested Components Of Submitted Samples	U.S. Consumer Product Safety Improvement Act 2008 title I, section 101 and 15 U.S. Code § 1278a for total Lead content in non-surface coating materials (substrate)	Pass
Tested Components Of Submitted Samples	U.S. Consumer Product Safety Improvement Act 2008 title I, section 101 and 15 U.S. Code § 1278a for total Lead content in surface coating	Pass
Tested Components Of Submitted Samples	U.S. Consumer Product Safety Improvement Act 2008 title I, section 101 for total Lead content in non-surface coating materials (substrate)	Pass
Tested Components Of Submitted Samples	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
Tested Components Of Submitted Samples	California Proposition 65 for toys, Consent Judgement No. RG-356892 --- Total Lead Content	Pass
Tested Components Of Submitted Samples	California Proposition 65 for Toys ,Consent judgment No. BG-350969 - Phthalate content	Pass
Tested Components Of Submitted Samples	Illinois Lead Poisoning Prevention Act 410 ILCS 45 section 6 (Public Act 095-1019)	Pass
Tested Components Of Submitted Samples	Total Cadmium content requirement in Children's Safe Products Act (CSPA) – Chapter 70A.430 Revised Code of Washington (RCW)	Pass
Tested Components Of Submitted Samples	Total Lead content requirement in Children's Safe Products Act (CSPA) – Chapter 70A.430 Revised Code of Washington (RCW)	Pass

Prepared And Checked By:
For Intertek Testing Services Wuxi Ltd.



Bill Zhang
General Manager



Test Report

Number: SHAH01914078

Conclusion:

<u>Tested Samples</u>	<u>Standard</u>	<u>Result</u>
Tested Components Of Submitted Samples	Washington Children's Safe Products Act (CSPA) – Chapter 70.240 on Phthalates requirement	Pass
Submitted Sample	Canada Consumer Product Safety Act Toys Regulations SOR/2011-17 with amendments SOR/2016-195, SOR/2016-302 and SOR/2018-138 - Mechanical and Physical test Excluding No.5	Pass
Submitted Sample	Canada Consumer Product Safety Act Toys Regulations SOR/2011-17 section 21 with amendments SOR/2016-195, SOR/2016-302 and SOR/2018-138 - Cellulose Nitrate and Celluloid	Pass
Tested Components Of Submitted Samples	Canada Consumer Product Safety Act Toys Regulations SOR/2011-17 Section 23 and amendment SOR/2022-122 on toxic elements test	Pass
Tested Components Of Submitted Samples	Canada Consumer Product Safety Act Phthalates Regulation SOR/2016-188 requirement on phthalates content	Pass
Tested Components Of Submitted Samples	CCPSA Toys Regulation SOR/2011-17 Section 27(a) on Toxic Elements Analysis	Not Applicable
Tested Components of Submitted Sample	Canada Consumer Products Containing Lead Regulations SOR/2018-83	Pass
Tested Components Of Submitted Samples	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
Submitted Sample	EN71-1: 2014+ A1: 2018 for Mechanical And Physical Properties	Pass
Submitted Sample	EN71-2: 2020 Flammability Test	Pass
Submitted Sample	EN71-2: 2020+A1: 2025 Flammability Test	Pass
Tested Components Of Submitted Samples	EN 71-3: 2019+A2: 2024 on migration of certain elements	Pass
Tested Components Of Submitted Samples	Cadmium content requirement in Commission Regulation (EU) No. 494/2011 of 20 May 2011, (EU) No. 835/2012 of 18 September 2012 and (EU) No. 2016/217 of 16 February 2016 Amending Annex XVII entry 23 of the REACH Regulation (EC) No. 1907/2006	Pass

Prepared And Checked By:
For Intertek Testing Services Wuxi Ltd.



Bill Zhang
General Manager



Test Report

Number: SHAH01914078

Conclusion:

Tested Samples	Standard	Result
Tested Components Of Submitted Samples	REACH Regulation (EC) No. 1907/2006 Annex XVII, Entry 51 & Amendments No. 552/2009 & (EU) 2018/2005 on Phthalates Content	Pass
Tested Components Of Submitted Samples	REACH Regulation (EC) No. 1907/2006 Annex XVII, Entry 52 and Amendments No. 552/2009 on Phthalates Content	Pass
Tested Components Of Submitted Samples	Lead content requirement in Commission Regulation (EU) 2015/628 of 22 April 2015 Amending Annex XVII Entry 63 of the REACH Regulation (EC) No. 1907/2006	Pass
Submitted Sample	Detection of Amines Derived from Azocolourants and Azodyes	Not Applicable
Submitted Sample	BS EN71-1 : 2014 + A1 : 2018 - Mechanical and physical properties	Pass
Submitted Sample	BS EN71-2: 2020 Flammability Test	Pass
Submitted Sample	BS EN71-2: 2020+A1 2025 Flammability Test	Pass
Tested Components Of Submitted Samples	BS EN 71-3: 2019+A2: 2024 on migration of certain elements	Pass

Remark : As Requested By Client, [U.S. ASTM F963-23 Section 4.3.5.2 on Soluble Elements Content; U.S. ASTM F963-23 Section 4.3.5.2 on Total Lead Content; ASTM F963-23 Section 4.3.8 on Phthalates Content ; U.S. Consumer Product Safety Improvement Act 2008 title I, section 101 and 15 U.S. Code § 1278a for total Lead content; 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; California Proposition 65 for toys, Consent Judgement No. RG-356892 ---Total Lead Content; California Proposition 65 for Toys ,Consent judgment No. BG-350969- Phthalate content; Canada Consumer Product Safety Act Phthalates Regulation SOR/2016-188 requirement on phthalates content; Canada Consumer Products Containing Lead Regulations SOR/2018-83; EN 71-3: 2019+A2: 2024 on migration of certain elements; Cadmium content requirement in Commission Regulation (EU) No. 494/2011 of 20 May 2011, (EU) No. 835/2012 of 18 September 2012 and (EU) No. 2016/217 of 16 February 2016 Amending Annex XVII entry 23 of the REACH Regulation (EC) No. 1907/2006; REACH Regulation (EC) No. 1907/2006 Annex XVII, Entry 51 & Amendments No. 552/2009 & (EU) 2018/2005 on Phthalates Content; REACH Regulation (EC) No. 1907/2006 Annex XVII, Entry 52 and Amendments No. 552/2009 on Phthalates Content; Lead content requirement in Commission Regulation (EU) 2015/628 of 22 April 2015 Amending Annex XVII Entry 63 of the REACH Regulation (EC) No. 1907/2006; BS EN 71-3: 2019+A2: 2024 on migration of certain elements] Were Conducted On The Component (2) (49) (51) (54) & (56) Listed In The Test Report. And [Illinois Lead Poisoning Prevention Act 410 ILCS 45 section 6 (Public Act 095-1019)] Were Conducted On The Component (2) Listed In The Test Report.

Client Claimed That Other Than These Components Have Been Tested In Our Test Report SHAH01883128S1 dated 23 Dec, 2025.

Prepared And Checked By:
For Intertek Testing Services Wuxi Ltd.



Bill Zhang
General Manager



Test Report

Number: SHAH01914078

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: Over 3 Years.

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 #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	P See #3,#4
	4.3.5.2 Heavy Metal in Substrate Materials	P See #2,#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	P See #6
4.4	Electrical/Thermal Energy	NA
4.5	Sound-Producing Toys	P
4.6.1	Toys Intended for Children Under 36 Months (Small Objects)	NA
4.6.2	Mouth-Actuated Toys	NA
4.6.3	Toys And Games for 36 Months to 72 Months (Small Part Warning)	NA



Test Report

Number: SHAH01914078

Tests Conducted

Section	Testing Items	Assessment
4.7	Accessible Edges	P
4.8	Projections	P
4.9	Accessible Points	P
4.10	Wires Or Rods	NA
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 See #8
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



Test Report

Number: SHAH01914078

Tests Conducted

Section	Testing Items	Assessment
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 See #7
5.2	Age Grading Labeling	P
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	P
5.15	Promotional Materials	P
5.16	Magnets	NA
6	Instructional Literature	
6.1	Definition and description	P
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	P
6.7	Toys in Contact with Food	NA
6.8	Toy Chests	NA



Test Report

Number: SHAH01914078

Tests Conducted

Section	Testing Items	Assessment
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	P
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

Date Sample Received: 06 Jan, 2026 & 11 Feb, 2026

Testing Period: 06 Jan, 2026 To 02 Mar, 2026



Test Report

Number: SHAH01914078

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.

#2 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)
	(3)	(4)	(5)	(6)	(7)		
Sol. Barium (Ba)	ND	ND	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)
	(8)	(9)	(10)	(11)	(12)		
Sol. Barium (Ba)	ND	ND	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)
	(13)	(14)	(15)	(16)	(17)		
Sol. Barium (Ba)	ND	ND	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 Report

Number: SHAH01914078

Tests Conducted

Test Item	Result (mg/kg)					Reporting Limit (mg/kg)	Limit (mg/kg)
	(18)	(19)	(20)	(21)	(22)		
Sol. Barium (Ba)	ND	ND	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)
	(23)	(24)	(25)	(26)	(27)		
Sol. Barium (Ba)	ND	ND	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)
	(28)	(29)	(30)	(31)	(32)		
Sol. Barium (Ba)	ND	ND	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 Report

Number: SHAH01914078

Tests Conducted

Test Item	Result (mg/kg)					Reporting Limit	Limit
	(49)	(50)	(51)	(52)	(53)	(mg/kg)	(mg/kg)
Sol. Barium (Ba)	ND	ND	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	Limit
	(54)	(55)	(56)	(57)	(mg/kg)	(mg/kg)
Sol. Barium (Ba)	ND	ND	ND	ND	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)

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



Test Report

Number: SHAH01914078

Tests Conducted

#3 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	329	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)

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

#4 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		Reproting Limit (ppm)	Limit (ppm)
	(1)	(2)		
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.



Test Report

Number: SHAH01914078

Tests Conducted

#5 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)		
Lead(Pb)	ND	ND	ND	ND	ND	10	100

Test Item	Result in ppm					Reproting Limit (ppm)	Limit (ppm)
	(8)	(9)	(10)	(11)	(12)		
Lead(Pb)	ND	ND	ND	ND	ND	10	100

Test Item	Result in ppm					Reproting Limit (ppm)	Limit (ppm)
	(13)	(14)	(15)	(16)	(17)		
Lead(Pb)	ND	ND	19	21	ND	10	100

Test Item	Result in ppm					Reproting Limit (ppm)	Limit (ppm)
	(18)	(19)	(20)	(21)	(22)		
Lead(Pb)	ND	ND	ND	ND	ND	10	100

Test Item	Result in ppm					Reproting Limit (ppm)	Limit (ppm)
	(23)	(24)	(25)	(26)	(27)		
Lead(Pb)	ND	ND	ND	ND	ND	10	100

Test Item	Result in ppm					Reproting Limit (ppm)	Limit (ppm)
	(28)	(29)	(30)	(31)	(32)		
Lead(Pb)	ND	ND	ND	ND	ND	10	100

Test Item	Result in ppm					Reproting Limit (ppm)	Limit (ppm)
	(39)	(40)	(41)	(42)	(43)		
Lead(Pb)	ND	ND	ND	ND	ND	10	100

Test Item	Result in ppm					Reproting Limit (ppm)	Limit (ppm)
	(44)	(45)	(46)	(47)	(48)		
Lead(Pb)	ND	ND	ND	41	73	10	100

Test Item	Result in ppm					Reproting Limit (ppm)	Limit (ppm)
	(49+51)	(50)	(52)	(53)	(54+56)		
Lead(Pb)	ND	ND	ND	ND	ND	10	100

Test Item	Result in ppm		Reproting Limit (ppm)	Limit (ppm)
	(55)	(57)		
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.



Test Report

Number: SHAH01914078

Tests Conducted

#6 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)		
Dibutyl phthalate (DBP)	ND	ND	ND	ND	0.01	0.1
Di-(2-ethylhexyl) phthalate (DEHP)	ND	ND	ND	ND	0.01	0.1
Benzyl butyl phthalate (BBP)	ND	ND	ND	ND	0.01	0.1
Diisononyl phthalate (DINP)	ND	ND	ND	ND	0.01	0.1
Diisobutyl phthalate (DIBP)	ND	ND	ND	ND	0.01	0.1
Di-n-pentyl phthalate (DPENP)	ND	ND	ND	ND	0.01	0.1
Di-n-hexyl phthalate (DHEXP)	ND	ND	ND	ND	0.01	0.1
Dicyclohexyl phthalate (DCHP)	ND	ND	ND	ND	0.01	0.1

Test Item	Result (%)				Detection Limit (%)	Limit (%) (Max.)
	(5)	(6)	(7)	(8)		
Dibutyl phthalate (DBP)	ND	ND	ND	ND	0.01	0.1
Di-(2-ethylhexyl) phthalate (DEHP)	ND	ND	ND	ND	0.01	0.1
Benzyl butyl phthalate (BBP)	ND	ND	ND	ND	0.01	0.1
Diisononyl phthalate (DINP)	ND	ND	ND	ND	0.01	0.1
Diisobutyl phthalate (DIBP)	ND	ND	ND	ND	0.01	0.1
Di-n-pentyl phthalate (DPENP)	ND	ND	ND	ND	0.01	0.1
Di-n-hexyl phthalate (DHEXP)	ND	ND	ND	ND	0.01	0.1
Dicyclohexyl phthalate (DCHP)	ND	ND	ND	ND	0.01	0.1

Test Item	Result (%)				Detection Limit (%)	Limit (%) (Max.)
	(9)	(10)	(11)	(12)		
Dibutyl phthalate (DBP)	ND	ND	ND	ND	0.01	0.1
Di-(2-ethylhexyl) phthalate (DEHP)	ND	ND	ND	ND	0.01	0.1
Benzyl butyl phthalate (BBP)	ND	ND	ND	ND	0.01	0.1
Diisononyl phthalate (DINP)	ND	ND	ND	ND	0.01	0.1
Diisobutyl phthalate (DIBP)	ND	ND	ND	ND	0.01	0.1
Di-n-pentyl phthalate (DPENP)	ND	ND	ND	ND	0.01	0.1
Di-n-hexyl phthalate (DHEXP)	ND	ND	ND	ND	0.01	0.1
Dicyclohexyl phthalate (DCHP)	ND	ND	ND	ND	0.01	0.1



Test Report

Number: SHAH01914078

Tests Conducted

Test Item	Result (%)				Detection Limit (%)	Limit (%) (Max.)
	(13)	(14)	(15)	(16)		
Dibutyl phthalate (DBP)	ND	ND	ND	ND	0.01	0.1
Di-(2-ethylhexyl) phthalate (DEHP)	ND	ND	ND	ND	0.01	0.1
Benzyl butyl phthalate (BBP)	ND	ND	ND	ND	0.01	0.1
Diisononyl phthalate (DINP)	ND	ND	ND	ND	0.01	0.1
Diisobutyl phthalate (DIBP)	ND	ND	ND	ND	0.01	0.1
Di-n-pentyl phthalate (DPENP)	ND	ND	ND	ND	0.01	0.1
Di-n-hexyl phthalate (DHEXP)	ND	ND	ND	ND	0.01	0.1
Dicyclohexyl phthalate (DCHP)	ND	ND	ND	ND	0.01	0.1

Test Item	Result (%)				Detection Limit (%)	Limit (%) (Max.)
	(17)	(18)	(19)	(20)		
Dibutyl phthalate (DBP)	ND	ND	ND	ND	0.01	0.1
Di-(2-ethylhexyl) phthalate (DEHP)	ND	ND	ND	ND	0.01	0.1
Benzyl butyl phthalate (BBP)	ND	ND	ND	ND	0.01	0.1
Diisononyl phthalate (DINP)	ND	ND	ND	ND	0.01	0.1
Diisobutyl phthalate (DIBP)	ND	ND	ND	ND	0.01	0.1
Di-n-pentyl phthalate (DPENP)	ND	ND	ND	ND	0.01	0.1
Di-n-hexyl phthalate (DHEXP)	ND	ND	ND	ND	0.01	0.1
Dicyclohexyl phthalate (DCHP)	ND	ND	ND	ND	0.01	0.1

Test Item	Result (%)				Detection Limit (%)	Limit (%) (Max.)
	(21)	(22)	(23)	(24)		
Dibutyl phthalate (DBP)	ND	ND	ND	ND	0.01	0.1
Di-(2-ethylhexyl) phthalate (DEHP)	ND	ND	ND	ND	0.01	0.1
Benzyl butyl phthalate (BBP)	ND	ND	ND	ND	0.01	0.1
Diisononyl phthalate (DINP)	ND	ND	ND	ND	0.01	0.1
Diisobutyl phthalate (DIBP)	ND	ND	ND	ND	0.01	0.1
Di-n-pentyl phthalate (DPENP)	ND	ND	ND	ND	0.01	0.1
Di-n-hexyl phthalate (DHEXP)	ND	ND	ND	ND	0.01	0.1
Dicyclohexyl phthalate (DCHP)	ND	ND	ND	ND	0.01	0.1



Test Report

Number: SHAH01914078

Tests Conducted

Test Item	Result (%)				Detection Limit (%)	Limit (%) (Max.)
	(25)	(26)	(27)	(28)		
Dibutyl phthalate (DBP)	ND	ND	ND	ND	0.01	0.1
Di-(2-ethylhexyl) phthalate (DEHP)	ND	ND	ND	ND	0.01	0.1
Benzyl butyl phthalate (BBP)	ND	ND	ND	ND	0.01	0.1
Diisononyl phthalate (DINP)	ND	ND	ND	ND	0.01	0.1
Diisobutyl phthalate (DIBP)	ND	ND	ND	ND	0.01	0.1
Di-n-pentyl phthalate (DPENP)	ND	ND	ND	ND	0.01	0.1
Di-n-hexyl phthalate (DHEXP)	ND	ND	ND	ND	0.01	0.1
Dicyclohexyl phthalate (DCHP)	ND	ND	ND	ND	0.01	0.1

Test Item	Result (%)				Detection Limit (%)	Limit (%) (Max.)
	(29)	(30)	(31)	(32)		
Dibutyl phthalate (DBP)	ND	ND	ND	ND	0.01	0.1
Di-(2-ethylhexyl) phthalate (DEHP)	ND	ND	ND	ND	0.01	0.1
Benzyl butyl phthalate (BBP)	ND	ND	ND	ND	0.01	0.1
Diisononyl phthalate (DINP)	ND	ND	ND	ND	0.01	0.1
Diisobutyl phthalate (DIBP)	ND	ND	ND	ND	0.01	0.1
Di-n-pentyl phthalate (DPENP)	ND	ND	ND	ND	0.01	0.1
Di-n-hexyl phthalate (DHEXP)	ND	ND	ND	ND	0.01	0.1
Dicyclohexyl phthalate (DCHP)	ND	ND	ND	ND	0.01	0.1

Test Item	Result (%)				Detection Limit (%)	Limit (%) (Max.)
	(49+51)	(54+56)	(50)	(52)		
Dibutyl phthalate (DBP)	ND	ND	ND	ND	0.01	0.1
Di-(2-ethylhexyl) phthalate (DEHP)	ND	ND	ND	ND	0.01	0.1
Benzyl butyl phthalate (BBP)	ND	ND	ND	ND	0.01	0.1
Diisononyl phthalate (DINP)	ND	ND	ND	ND	0.01	0.1
Diisobutyl phthalate (DIBP)	ND	ND	ND	ND	0.01	0.1
Di-n-pentyl phthalate (DPENP)	ND	ND	ND	ND	0.01	0.1
Di-n-hexyl phthalate (DHEXP)	ND	ND	ND	ND	0.01	0.1
Dicyclohexyl phthalate (DCHP)	ND	ND	ND	ND	0.01	0.1



Test Report

Number: SHAH01914078

Tests Conducted

Test Item	Result (%)			Detection Limit (%)	Limit (%) (Max.)
	(53)	(55)	(57)		
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

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

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

#7 Tracking Label Assessment

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:

TR2602(24V)
Jinjianfeng group pinghu children tricycle co.,ltd.
North of Babycar Road,Xincang Town, Pinghu City, ZheJiang, China
02/2026
Pinghu, ZheJiang, China

Tracking Label Found on the Product:

TR2602(24V)
Jinjianfeng group pinghu children tricycle co.,ltd.
North of Babycar Road,Xincang Town, Pinghu City, ZheJiang, China
02/2026
Pinghu, ZheJiang, China

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.



Test Report

Number: SHAH01914078

Tests Conducted

#8 Battery Powered Ride-On Toys

As per ASTM F963-23 Consumer Safety Specification for Toy Safety Section 4.25.

Applicant's specified age group for testing: Over 3 Years.

Type of battery: Vehicle : 24 V, 7 Ah, Lead-acid rechargeable battery X 1pc.

Charger: Type: Input 100-120 V A.C., Output 24 V D.C.(Provided)

Model: HK024-240080

Electric operated function: Battery powered Motion, LED Light, Sound.

<u>Section</u>	<u>Testing items</u>	<u>Assessment</u>
4.25.1	Battery marking	P
4.25.2	Maximum allowable direct current potential	P
4.25.3	Protection against charging non-rechargeable battery	P
4.25.4	Batteries accessible	P
4.25.5	Isolation of batteries of different types or capacities	NA
4.25.6	Temperature of battery surface	P
4.25.7	Temperature of battery surface or combustion hazard after normal use and abuse test	P
4.25.8	Packaging and Instruction requirement	P
	- 5.14 Non-replaceable battery statement in battery operated toys	P
	- 5.14.2 Button or coin cell batteries	NA
	- 6.5 Instruction on safe usage of battery	NA
	- 6.9 Toys which require a manufacturer-supplied specialty or custom tool to access the battery(ies)	NA
4.25.9	Battery-powered ride-on toys	P
4.25.9.1	The maximum temperature measured on the insulation of any conductor shall not exceed the temperature rating of the material.	P
4.25.9.2	Battery powered ride on toys shall not present a risk of fire in stalled motor test.	P
4.25.9.3	A battery powered ride on toy designed with a wiring system that has a user replaceable device (fuse type) for the primary circuit protection or a wiring system with user resettable primary circuit protection (manual reset fuse) shall not actuate (open or trip) when tested in accordance with the nuisance tripping test.	NA
4.25.9.4	Switches used in battery powered ride on toys.	P
	- Polymeric materials in switches used in battery powered ride on toys that are used to support current carrying parts shall carry a minimum flame rating of UL-94 V-0 or have a glow wire ignition rating of 750°C.	
	- The switch body shall not result in a short circuit condition when subjected to the switch endurance test and overload tests.	
	- The switch shall not fail in a mode that could cause the vehicle to run continuously (switch stuck in the "on" position) when subjected to the endurance test and the overload test.	
4.25.9.5	User replaceable circuit protection devices in battery powered ride on toys.	P
	- User replaceable circuit protection devices provided by the	



Test Report

Number: SHAH01914078

Tests Conducted

	manufacturer in battery-powered ride-on toys shall be listed, recognized or certified by a Nationally Recognized Test Laboratory (NRTL) (that is, a laboratory recognized in accordance with 29 CFR 1910) to an appropriate electrical safety standard.	
	- All circuit protection devices used in battery powered ride on toys intended to be replaced by the user shall be replaceable only with the use of a tool or by a design which does not easily allow tempering such as a design requiring excessive force to open.	
4.25.9.6	Batteries and battery chargers. - Battery connectors must be constructed of material with a UL94 V-0 flame rating or have a glow wire ignition rating of 750°C. - The battery charging system shall not present a risk of fire due to a short circuit condition applied to any point in the length of a charger/battery. - During charging, battery-charging voltages shall not exceed the recommended charging voltages. - Battery charges must be certified to the appropriate standard body. Reference document of certified body: UL E504979	P
4.25.9.7	Wiring connected to the main/motor battery shall be short circuit protected and shall not present the risk of fire.	P
4.25.9.8	Strain relief shall be provided to prevent mechanical stress on wires entering a connector block during routine maintenance.	P
4.25.9.9	Battery powered ride on toys shall comply with the requirements for safety labelling, for additional instructional literature, and for required producer's markings. - 5.14.1 Safety warnings of battery powered ride on toys - 6.6 Instructions - 7.2 Producer's marking	P
4.25.10	Toys that contain secondary cells or secondary batteries	NA

Remark: P = Pass NA = Not Applicable



Test Report

Number: SHAH01914078

Tests Conducted

2 Physical and Mechanical Test

As per U.S. Code of Federal Regulations title 16 Part 1500.50, the hazards of sharp points, sharp edge and small parts are assessed both before and after applicable use and abuse tests.

Applicant's Specified Age Group for Testing: Over 3 Years.

	<u>No. of Sample Tested</u>	<u>Sharp Point</u> (1500.48)	<u>Sharp Edge</u> (1500.49)	<u>Small Part</u> (1501)
As Received	1	P	P	NA
Impact (1500.53 (b))	1	P	P	NA
Flexure (1500.53 (d))	0	NA	NA	NA
Torque (1500.53 (e))	1	P	P	NA
Tension (1500.53 (f))	1	P	P	NA
Compression (1500.53 (g))	1	P	P	NA

Remark: P = Pass
NA = Not Applicable

Date Sample Received: 06 Jan, 2026
Testing Period: 06 Jan, 2026 To 03 Feb, 2026

3 Flammability Test

As per U.S. Code of Federal Regulations title 16 Part 1500.44 for rigid and pliable solids.

Result = Ignited but Self-Extinguished before Burn Rate Could be Determined

Date Sample Received: 06 Jan, 2026
Testing Period: 06 Jan, 2026 To 29 Jan, 2026



Test Report

Number: SHAH01914078

Tests Conducted

4 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 Component</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.

Date Sample Received: 06 Jan, 2026

Testing Period: 06 Jan, 2026 To 02 Mar, 2026

5 U.S. 16 CFR Part 1303 on Total Lead (Pb) Content

As per Standard Operating Procedure for Determining Lead (Pb) in paint and other similar surface coatings, test method CPSC-CH-E1003-09.1 was used and total Lead content was determined by Inductively Coupled Plasma - Optical Emission Spectrometry.

<u>Element</u>	<u>Result (%)</u>		<u>Detection Limit (%)</u>	<u>Limit (%)</u>
	(1)	(2)		
Lead (Pb)	ND	ND	0.001	0.009

The above limit was quoted according to U.S. 16 CFR Part 1303 for Ban of Lead-containing Paint and Certain Consumer Products Bearing Lead-containing Paint.

Remark: ND = Not detected (less than detection limit)

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

Date Sample Received: 06 Jan, 2026

Testing Period: 06 Jan, 2026 To 02 Mar, 2026

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

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>Test Item</u>	<u>Result in ppm</u>					<u>Reproting Limit (ppm)</u>	<u>Limit (ppm)</u>
	(3)	(4)	(5)	(6)	(7)		
Lead(Pb)	ND	ND	ND	ND	ND	10	100



Test Report

Number: SHAH01914078

Tests Conducted

Test Item	Result in ppm					Reproting Limit (ppm)	Limit (ppm)
	(8)	(9)	(10)	(11)	(12)		
Lead(Pb)	ND	ND	ND	ND	ND	10	100

Test Item	Result in ppm					Reproting Limit (ppm)	Limit (ppm)
	(13)	(14)	(15)	(16)	(17)		
Lead(Pb)	ND	ND	19	21	ND	10	100

Test Item	Result in ppm					Reproting Limit (ppm)	Limit (ppm)
	(18)	(19)	(20)	(21)	(22)		
Lead(Pb)	ND	ND	ND	ND	ND	10	100

Test Item	Result in ppm					Reproting Limit (ppm)	Limit (ppm)
	(23)	(24)	(25)	(26)	(27)		
Lead(Pb)	ND	ND	ND	ND	ND	10	100

Test Item	Result in ppm					Reproting Limit (ppm)	Limit (ppm)
	(28)	(29)	(30)	(31)	(32)		
Lead(Pb)	ND	ND	ND	ND	ND	10	100

Test Item	Result in ppm					Reproting Limit (ppm)	Limit (ppm)
	(39)	(40)	(41)	(42)	(43)		
Lead(Pb)	ND	ND	ND	ND	ND	10	100

Test Item	Result in ppm					Reproting Limit (ppm)	Limit (ppm)
	(44)	(45)	(46)	(47)	(48)		
Lead(Pb)	ND	ND	ND	41	73	10	100

Test Item	Result in ppm					Reproting Limit (ppm)	Limit (ppm)
	(49+51)	(50)	(52)	(53)	(54+56)		
Lead(Pb)	ND	ND	ND	ND	ND	10	100

Test Item	Result in ppm		Reproting Limit (ppm)	Limit (ppm)
	(55)	(57)		
Lead(Pb)	ND	ND	10	100

The limit was quoted according to U.S. Consumer Product Safety Improvement Act 2008 title I, section 101 and 15 U.S. Code § 1278a for total Lead content in non-surface coating materials (substrate).

Remark: ppm = parts per million = mg/kg
ND- Not detected

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

Date Sample Received: 06 Jan, 2026 & 16 Jan, 2026

Testing Period: 06 Jan, 2026 To 02 Mar, 2026



Test Report

Number: SHAH01914078

Tests Conducted

7 Total Lead (Pb) Content in Surface Coating (CPSIA)

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>Test Item</u>	<u>Result (ppm)</u>		<u>Reporting Limit (ppm)</u>	<u>Limit (ppm)</u>
	(1)	(2)		
Lead (Pb)	ND	ND	20	90

The limit was quoted according to U.S. Consumer Product Safety Improvement Act 2008 title I, section 101 and 15 U.S. Code § 1278a for total Lead content in surface coating.

Remark: ppm = parts per million = mg/kg
ND- Not detected

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

Date Sample Received: 06 Jan, 2026
Testing Period: 06 Jan, 2026 To 02 Mar, 2026

8 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 Component</u>	<u>Result (ppm)</u>	<u>Limit (ppm)</u>
(3)	<10	100
(4)	<10	100
(5)	<10	100
(6)	<10	100
(7)	<10	100
(8)	<10	100
(9)	<10	100
(10)	<10	100
(11)	<10	100
(12)	<10	100
(13)	<10	100
(14)	<10	100
(15)	19	100
(16)	21	100
(17)	<10	100
(18)	<10	100
(19)	<10	100
(20)	<10	100
(21)	<10	100
(22)	<10	100
(23)	<10	100
(24)	<10	100
(25)	<10	100
(26)	<10	100
(27)	<10	100



Test Report

Number: SHAH01914078

Tests Conducted

Tested Component	Result (ppm)	Limit (ppm)
(28)	<10	100
(29)	<10	100
(30)	<10	100
(31)	<10	100
(32)	<10	100
(39)	<10	100
(40)	<10	100
(41)	<10	100
(42)	<10	100
(43)	<10	100
(44)	<10	100
(45)	<10	100
(46)	<10	100
(47)	41	100
(48)	73	100
(49+51)	<10	100
(50)	<10	100
(52)	<10	100
(53)	<10	100
(54+56)	<10	100
(55)	<10	100
(57)	<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: 06 Jan, 2026 & 16 Jan, 2026

Testing Period: 06 Jan, 2026 To 02 Mar, 2026



Test Report

Number: SHAH01914078

Tests Conducted

9 Phthalate Content

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

<u>Test item</u>	<u>Result (%)</u>				<u>Limit (%) (Max.)</u>
	(1)	(2)	(3)	(4)	
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

<u>Test item</u>	<u>Result (%)</u>				<u>Limit (%) (Max.)</u>
	(5)	(6)	(7)	(8)	
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

<u>Test item</u>	<u>Result (%)</u>				<u>Limit (%) (Max.)</u>
	(9)	(10)	(11)	(12)	
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 Report

Number: SHAH01914078

Tests Conducted

Test item	Result (%)				Limit (%) (Max.)
	(13)	(14)	(15)	(16)	
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.)
	(17)	(18)	(19)	(20)	
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.)
	(21)	(22)	(23)	(24)	
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 Report

Number: SHAH01914078

Tests Conducted

Test item	Result (%)				Limit (%) (Max.)
	(25)	(26)	(27)	(28)	
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.)
	(29)	(30)	(31)	(32)	
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.)
	(49+51)	(54+56)	(50)	(52)	
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 Report

Number: SHAH01914078

Tests Conducted

<u>Test item</u>	<u>Result (%)</u>			<u>Limit (%) (Max.)</u>
	(53)	(55)	(57)	
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

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

Date Sample Received: 06 Jan, 2026 & 16 Jan, 2026

Testing Period: 06 Jan, 2026 To 02 Mar, 2026

10 **Total Lead (Pb) content**

With reference to us EPA method 3050B, acid digestion method was used and total Lead content was determined by Inductively Coupled Argon Plasma Spectrometry.

<u>Tested Component</u>	<u>Result (ppm)</u>	<u>Requirement (ppm)</u>
(1)	<20	90
(2)	<20	90
(3)	<10	100
(4)	<10	100
(5)	<10	100
(6)	<10	100
(7)	<10	100
(8)	<10	100
(9)	<10	100
(10)	<10	100
(11)	<10	100
(12)	<10	100
(13)	<10	100
(14)	<10	100
(15)	19	100
(16)	21	100
(17)	<10	100
(18)	<10	100
(19)	<10	100
(20)	<10	100
(21)	<10	100
(22)	<10	100
(23)	<10	100



Test Report

Number: SHAH01914078

Tests Conducted

<u>Tested Component</u>	<u>Result (ppm)</u>	<u>Requirement (ppm)</u>
(1)	<20	90
(2)	<20	90
(24)	<10	100
(25)	<10	100
(26)	<10	100
(27)	<10	100
(28)	<10	100
(29)	<10	100
(30)	<10	100
(31)	<10	100
(32)	<10	100
(39)	<10	100
(40)	<10	100
(41)	<10	100
(42)	<10	100
(43)	<10	100
(44)	<10	100
(45)	<10	100
(46)	<10	100
(47)	41	100
(48)	73	100
(49+51)	<10	100
(50)	<10	100
(52)	<10	100
(53)	<10	100
(54+56)	<10	100
(55)	<10	100
(57)	<10	100

The above limit was quoted from the Consent Judgement No. RG-356892 settled by superior court of the state of California for the county of Alameda, for toys based on the California Proposition 65.

Remark: ppm = parts per million = mg/kg

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

Date Sample Received: 06 Jan, 2026 & 16 Jan, 2026

Testing Period: 06 Jan, 2026 To 02 Mar, 2026



Test Report

Number: SHAH01914078

Tests Conducted

11 Phthalate Content

With reference to CPSC-CH-C1001-09.3 and by Gas Chromatographic-Mass Spectrometric (GC-MS) analysis.

	<u>Result (% w/w)</u>				<u>Limit (% w/w)</u>
	(1)	(2)	(3)	(4)	
Dibutyl phthalate (DBP)	ND	ND	ND	ND	0.1
Diethyl hexyl phthalate (DEHP)	ND	ND	ND	ND	0.1
Benzyl butyl phthalate (BBP)	ND	ND	ND	ND	0.1
Di-iso-decyl phthalate (DIDP)	ND	ND	ND	ND	0.1
Di-n-hexyl phthalate (DnHP)	ND	ND	ND	ND	0.1
Diisononyl phthalate (DINP)	ND	ND	ND	ND	--

	<u>Result (% w/w)</u>				<u>Limit (% w/w)</u>
	(5)	(6)	(7)	(8)	
Dibutyl phthalate (DBP)	ND	ND	ND	ND	0.1
Diethyl hexyl phthalate (DEHP)	ND	ND	ND	ND	0.1
Benzyl butyl phthalate (BBP)	ND	ND	ND	ND	0.1
Di-iso-decyl phthalate (DIDP)	ND	ND	ND	ND	0.1
Di-n-hexyl phthalate (DnHP)	ND	ND	ND	ND	0.1
Diisononyl phthalate (DINP)	ND	ND	ND	ND	--

	<u>Result (% w/w)</u>				<u>Limit (% w/w)</u>
	(9)	(10)	(11)	(12)	
Dibutyl phthalate (DBP)	ND	ND	ND	ND	0.1
Diethyl hexyl phthalate (DEHP)	ND	ND	ND	ND	0.1
Benzyl butyl phthalate (BBP)	ND	ND	ND	ND	0.1
Di-iso-decyl phthalate (DIDP)	ND	ND	ND	ND	0.1
Di-n-hexyl phthalate (DnHP)	ND	ND	ND	ND	0.1
Diisononyl phthalate (DINP)	ND	ND	ND	ND	--



Test Report

Number: SHAH01914078

Tests Conducted

		<u>Result (% w/w)</u>			<u>Limit (% w/w)</u>
	(13)	(14)	(15)	(16)	
Dibutyl phthalate (DBP)	ND	ND	ND	ND	0.1
Diethyl hexyl phthalate (DEHP)	ND	ND	ND	ND	0.1
Benzyl butyl phthalate (BBP)	ND	ND	ND	ND	0.1
Di-iso-decyl phthalate (DIDP)	ND	ND	ND	ND	0.1
Di-n-hexyl phthalate (DnHP)	ND	ND	ND	ND	0.1
Diisononyl phthalate (DINP)	ND	ND	ND	ND	--

		<u>Result (% w/w)</u>			<u>Limit (% w/w)</u>
	(17)	(18)	(19)	(20)	
Dibutyl phthalate (DBP)	ND	ND	ND	ND	0.1
Diethyl hexyl phthalate (DEHP)	ND	ND	ND	ND	0.1
Benzyl butyl phthalate (BBP)	ND	ND	ND	ND	0.1
Di-iso-decyl phthalate (DIDP)	ND	ND	ND	ND	0.1
Di-n-hexyl phthalate (DnHP)	ND	ND	ND	ND	0.1
Diisononyl phthalate (DINP)	ND	ND	ND	ND	--

		<u>Result (% w/w)</u>			<u>Limit (% w/w)</u>
	(21)	(22)	(23)	(24)	
Dibutyl phthalate (DBP)	ND	ND	ND	ND	0.1
Diethyl hexyl phthalate (DEHP)	ND	ND	ND	ND	0.1
Benzyl butyl phthalate (BBP)	ND	ND	ND	ND	0.1
Di-iso-decyl phthalate (DIDP)	ND	ND	ND	ND	0.1
Di-n-hexyl phthalate (DnHP)	ND	ND	ND	ND	0.1
Diisononyl phthalate (DINP)	ND	ND	ND	ND	--

		<u>Result (% w/w)</u>			<u>Limit (% w/w)</u>
	(25)	(26)	(27)	(28)	
Dibutyl phthalate (DBP)	ND	ND	ND	ND	0.1
Diethyl hexyl phthalate (DEHP)	ND	ND	ND	ND	0.1
Benzyl butyl phthalate (BBP)	ND	ND	ND	ND	0.1
Di-iso-decyl phthalate (DIDP)	ND	ND	ND	ND	0.1
Di-n-hexyl phthalate (DnHP)	ND	ND	ND	ND	0.1
Diisononyl phthalate (DINP)	ND	ND	ND	ND	--



Test Report

Number: SHAH01914078

Tests Conducted

	<u>Result (% w/w)</u>				<u>Limit (% w/w)</u>
	(29)	(30)	(31)	(32)	
Dibutyl phthalate (DBP)	ND	ND	ND	ND	0.1
Diethyl hexyl phthalate (DEHP)	ND	ND	ND	ND	0.1
Benzyl butyl phthalate (BBP)	ND	ND	ND	ND	0.1
Di-iso-decyl phthalate (DIDP)	ND	ND	ND	ND	0.1
Di-n-hexyl phthalate (DnHP)	ND	ND	ND	ND	0.1
Diisononyl phthalate (DINP)	ND	ND	ND	ND	--

	<u>Result (% w/w)</u>				<u>Limit (% w/w)</u>
	(49+51)	(54+56)	(50)	(52)	
Dibutyl phthalate (DBP)	ND	ND	ND	ND	0.1
Diethyl hexyl phthalate (DEHP)	ND	ND	ND	ND	0.1
Benzyl butyl phthalate (BBP)	ND	ND	ND	ND	0.1
Di-iso-decyl phthalate (DIDP)	ND	ND	ND	ND	0.1
Di-n-hexyl phthalate (DnHP)	ND	ND	ND	ND	0.1
Diisononyl phthalate (DINP)	ND	ND	ND	ND	--

	<u>Result (% w/w)</u>			<u>Limit (% w/w)</u>
	(53)	(55)	(57)	
Dibutyl phthalate (DBP)	ND	ND	ND	0.1
Diethyl hexyl phthalate (DEHP)	ND	ND	ND	0.1
Benzyl butyl phthalate (BBP)	ND	ND	ND	0.1
Di-iso-decyl phthalate (DIDP)	ND	ND	ND	0.1
Di-n-hexyl phthalate (DnHP)	ND	ND	ND	0.1
Diisononyl phthalate (DINP)	ND	ND	ND	--

Remark: The above limit was quoted from the consent judgment No. BG-350969 settled by superior court of the state of California for the county of Alameda , for Toys based on the California Proposition 65.

ND = Not Detected
Detected Limit = 0.01%(w/w)

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

Date Sample Received: 06 Jan, 2026 & 16 Jan, 2026

Testing Period: 06 Jan, 2026 To 02 Mar, 2026



Test Report

Number: SHAH01914078

Tests Conducted

12 Total Lead (Pb) Content

As per Illinois Lead Poisoning Prevention Act 410 ILCS 45 section 6 (Public Act 095-1019), acid digestion method was used and total Lead content was determined by Inductively Coupled Argon Plasma Spectrometry.

<u>Tested Component</u>	<u>Result in %</u>
(1)	<0.002
(2)	<0.002

Requirement:

The total Lead content shall not exceed 0.009% for surface coating and 0.01% for non-surface coating material (substrate) in accordance with the Consumer Product Safety Improvement Act of 2008 (CPSIA).

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

Date Sample Received: 06 Jan, 2026
Testing Period: 06 Jan, 2026 To 02 Mar, 2026

13 Total Cadmium Content (Washington CSPA)

With reference to Section 8.3.1 of ASTM F963-23, followed by Inductively Coupled Argon Plasma Spectrometry.

<u>Test Item</u>	<u>Result (mg/kg)</u>	<u>Reporting Limit (mg/kg)</u>	<u>Limit (mg/kg)</u>
	(12)		
Cadmium (Cd)	ND	10	40

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

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

Date Sample Received: 06 Jan, 2026
Testing Period: 06 Jan, 2026 To 02 Mar, 2026

14 Total Lead Content (Washington CSPA)

With reference to CPSC-CH-E1002-08.3 and/or CPSC-CH-E1001.08.3 and/or CPSC-CH-E1003-09.1, followed by Inductively Coupled Argon Plasma Spectrometry.

<u>Test Item</u>	<u>Result (mg/kg)</u>	<u>Reporting Limit (mg/kg)</u>	<u>Limit (mg/kg)</u>
	(12)		
Lead (Pb)	ND	10	90

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

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

Date Sample Received: 06 Jan, 2026
Testing Period: 06 Jan, 2026 To 02 Mar, 2026



Test Report

Number: SHAH01914078

Tests Conducted

15 Washington CSPA – Phthalates content

Solvent extraction and followed by Gas Chromatography - Mass Spectrometry (GC-MS) Analysis.

<u>Chemical</u>	<u>Result(%)</u>	<u>Limit(%) (Max.)</u>
	(12)	
Dibutyl Phthalate (DBP)	ND	0.1
Butyl Benzyl Phthalate (BBP)	ND	0.1
Di-2-Ethylhexyl Phthalate (DEHP)	ND	0.1
Di-n-Octyl Phthalate (DnOP)	ND	0.1
Diisodecyl Phthalate (DIDP)	ND	0.1
Diisononyl Phthalate (DINP)	ND	0.1
Sum Of Above Six Phthalates	ND	0.1

Remark: Detection Limit = 0.005% for DNOP and DIDP; 0.002% for others
ND = Not Detected

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

Date Sample Received: 06 Jan, 2026

Testing Period: 06 Jan, 2026 To 02 Mar, 2026



Test Report

Number: SHAH01914078

Tests Conducted

16 Physical and Mechanical Test

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

Applicant specified age group for testing: Over 3 years.

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 and SOR/2018-138.

<u>Test</u>	<u>Parameter</u>
Drop test	4 x (0.909±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	P
4	Packaging	
	(a) The opening perimeter is less than 14 inches	P
	(b) The opening perimeter is more than 14 inches	P
	<u>Electrical hazard</u>	
5	Electrically operated toys	See note
6	Electrically heated toys	NA
	<u>Mechanical hazard</u>	
7	Small parts	NA
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



Test Report

Number: SHAH01914078

Tests Conducted

No.	Testing Items	Assessment
30	Small parts -Squeaker, reed, valve or other similar device	NA
31	Eyes and noses	NA
	<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
43	Magnetic force	NA
44	Warning of magnetic toys	NA

Remark: P = Pass

NA = Not Applicable

Note: A toy that is operated electrically must meet the requirements of Canadian Standards Association Standard C22.2 No. 149-1972, entitled Electrically Operated Toys published in English in November 1972 and in French in December 1976.

Date Sample Received: 06 Jan, 2026 & 11 Feb, 2026

Testing Period: 06 Jan, 2026 To 11 Feb, 2026

17 Cellulose Nitrate and Celluloid

Test Standard: Canada Consumer Product Safety Act Toys Regulations SOR/2011-17 section 21 with amendments SOR/2016-195, SOR/2016-302.and SOR/2018-138

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

Date Sample Received: 06 Jan, 2026

Testing Period: 06 Jan, 2026 To 29 Jan, 2026



Test Report

Number: SHAH01914078

Tests Conducted

18 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	329	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 Components: See component list in the last section of this report.

Date Sample Received: 06 Jan, 2026
Testing Period: 06 Jan, 2026 To 02 Mar, 2026



Test Report

Number: SHAH01914078

Tests Conducted

19 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)		
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

Test Item	Result (mg/kg)				Detection Limit (mg/kg)	Limit (mg/kg) (Max.)
	(5)	(6)	(7)	(8)		
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

Test Item	Result (mg/kg)				Detection Limit (mg/kg)	Limit (mg/kg) (Max.)
	(9)	(10)	(11)	(12)		
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

Test Item	Result (mg/kg)				Detection Limit (mg/kg)	Limit (mg/kg) (Max.)
	(13)	(14)	(15)	(16)		
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

Test Item	Result (mg/kg)				Detection Limit (mg/kg)	Limit (mg/kg) (Max.)
	(17)	(18)	(19)	(20)		
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



Test Report

Number: SHAH01914078

Tests Conducted

Test Item	Result (mg/kg)				Detection Limit (mg/kg)	Limit (mg/kg) (Max.)
	(21)	(22)	(23)	(24)		
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

Test Item	Result (mg/kg)				Detection Limit (mg/kg)	Limit (mg/kg) (Max.)
	(25)	(26)	(27)	(28)		
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

Test Item	Result (mg/kg)				Detection Limit (mg/kg)	Limit (mg/kg) (Max.)
	(29)	(30)	(31)	(33)		
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

Test Item	Result (mg/kg)				Detection Limit (mg/kg)	Limit (mg/kg) (Max.)
	(34)	(35)	(36)	(37)		
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

Test Item	Result (mg/kg)				Detection Limit (mg/kg)	Limit (mg/kg) (Max.)
	(38)	(49+ 51)	(54+ 56)	(50)		
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



Test Report

Number: SHAH01914078

Tests Conducted

Test Item	Result (mg/kg)				Detection Limit (mg/kg)	Limit (mg/kg) (Max.)
	(52)	(53)	(55)	(57)		
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.

Date Sample Received: 06 Jan, 2026 & 16 Jan, 2026

Testing Period: 06 Jan, 2026 To 02 Mar, 2026

20 CCPSA Toys Regulation SOR/2011-17 Section 27(a) on Toxic Elements Analysis

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

Test Item	Result (mg/kg)		Reporting Limit (mg/kg)	Limit (mg/kg)
Sol. Barium (Ba)	N/A		5	1000
Sol. Mercury (Hg)	N/A		5	60
Sol. Cadmium (Cd)	N/A		5	75
Sol. Antimony (Sb)	N/A		5	60
Sol. Chromium (Cr)	N/A		5	60
Sol. Selenium (Se)	N/A		5	500
Sol. Arsenic (As)	N/A		2.5	25

Remark: mg/kg = milligram per kilogram

Sol. = Soluble

N/A = Not Applicable

Date Sample Received: 06 Jan, 2026

Testing Period: 06 Jan, 2026 To 02 Mar, 2026

21 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 in ppm							Reporting Limit (mg/kg)	Limit (mg/kg)
	(1)	(2)	(3)	(4)	(5)	(6)	(7)		
Lead(Pb)	ND	ND	ND	ND	ND	ND	ND	10	90



Test Report

Number: SHAH01914078

Tests Conducted

Test Item	Result in ppm					Reporting Limit (mg/kg)	Limit (mg/kg)
	(8)	(9)	(10)	(11)	(12)		
Lead(Pb)	ND	ND	ND	ND	ND	10	90

Test Item	Result in ppm					Reporting Limit (mg/kg)	Limit (mg/kg)
	(13)	(14)	(15)	(16)	(17)		
Lead(Pb)	ND	ND	19	21	ND	10	90

Test Item	Result in ppm					Reporting Limit (mg/kg)	Limit (mg/kg)
	(18)	(19)	(20)	(21)	(22)		
Lead(Pb)	ND	ND	ND	ND	ND	10	90

Test Item	Result in ppm					Reporting Limit (mg/kg)	Limit (mg/kg)
	(23)	(24)	(25)	(26)	(27)		
Lead(Pb)	ND	ND	ND	ND	ND	10	90

Test Item	Result in ppm					Reporting Limit (mg/kg)	Limit (mg/kg)
	(28)	(29)	(30)	(31)	(32)		
Lead(Pb)	ND	ND	ND	ND	ND	10	90

Test Item	Result in ppm					Reporting Limit (mg/kg)	Limit (mg/kg)
	(39)	(40)	(41)	(42)	(43)		
Lead(Pb)	ND	ND	ND	ND	ND	10	90

Test Item	Result in ppm					Reporting Limit (mg/kg)	Limit (mg/kg)
	(44)	(45)	(46)	(47)	(48)		
Lead(Pb)	ND	ND	ND	41	73	10	90

Test Item	Result in ppm					Reporting Limit (mg/kg)	Limit (mg/kg)
	(49+51)	(50)	(52)	(53)	(54+56)		
Lead(Pb)	ND	ND	ND	ND	ND	10	90

Test Item	Result in ppm		Reporting Limit (mg/kg)	Limit (mg/kg)
	(55)	(57)		
Lead(Pb)	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: 06 Jan, 2026 & 16 Jan, 2026

Testing Period: 06 Jan, 2026 To 02 Mar, 2026



Test Report

Number: SHAH01914078

Tests Conducted

- 22 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.

<u>Test Item</u>	<u>Result (mg/kg)</u>		<u>Detection Limit (mg/kg)</u>	<u>Limit (mg/kg)</u>
	(1)	(2)		
Lead	ND	ND	10	90

Remark : mg/kg = milligram per kilogram

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

Date Sample Received: 06 Jan, 2026

Testing Period: 06 Jan, 2026 To 02 Mar, 2026



Test Report

Number: SHAH01914078

Tests Conducted

23 Mechanical and Physical Test

As Per European Standard on Safety of Toys EN71-1: 2014+ A1: 2018.

Applicant's Specified Age Group for Testing: Over 3 Years.

The submitted samples were undergone the following abuse tests:

Test	Clause	Parameter
Protective Components	8.4.2.3	60 N
Tip over test	8.6	Three times

Clause	Testing items	Assessment
4	General requirements	
4.1	Material	P
4.2	Assembly	P
4.3	Flexible plastic sheeting	NA
4.4	Toy bags	NA
4.5	Glass	NA
4.6	Expanding materials	NA
4.7	Edges	P
4.8	Points and metallic wires	P
4.9	Protruding parts	P
4.10	Parts moving against each other	P
4.11	Mouth actuated toys and other toys intended to be put in the mouth	NA
4.12	Balloons	NA
4.13	Cords of toy kites and other flying toys	NA
4.14	Enclosures	NA
4.15	Toys intended to bear the mass of a child	P
4.16	Heavy immobile toys	NA
4.17	Projectile toys	NA
4.18	Aquatic toys and inflatable toys	NA
4.19	Percussion caps specifically designed for use in toys and toys using percussion caps	NA
4.20	Acoustics	P
4.21	Toys containing a non-electrical heat source	NA
4.22	Small balls	NA
4.23	Magnets	NA
4.24	Yo-yo balls	NA
4.25	Toys attached to food	NA
4.26	Toy disguise costumes	NA
4.27	Flying toys	NA
5	Toys intended for children under 36 months	
5.1	General requirements	NA
5.2	Soft-filled toys and soft-filled parts of a toy	NA
5.3	Plastic sheeting	NA
5.4	Cords, chains and electrical cables in toys	NA



Test Report

Number: SHAH01914078

Tests Conducted

Clause	Testing items	Assessment
5.5	Liquid filled toys	NA
5.6	Speed limitation of electrically-driven ride-on toys	NA
5.7	Glass and porcelain	NA
5.8	Shape and size of certain toys	NA
5.9	Toys comprising monofilament fibres	NA
5.10	Small balls	NA
5.11	Play figures	NA
5.12	Hemispheric-shaped toys	NA
5.13	Suction cups	NA
5.14	Straps intended to be worn fully or partially around the neck	NA
5.15	Sledges with cords for pulling	NA
6	Packaging	P
7	Warnings, markings and instructions for use	
7.1	General	P
7.2	Toys not intended for children under 36 months	P
7.3	Latex balloons	NA
7.4	Aquatic toys	NA
7.5	Functional toys	NA
7.6	Hazardous sharp functional edges and points	NA
7.7	Projectile toys	NA
7.8	Imitation protective masks and helmets	NA
7.9	Toy kites	NA
7.10	Roller skates, inline skates and skateboards and certain other ride-on toys	P
7.11	Toys intended to be strung across a cradle, cot, or perambulator	NA
7.12	Liquid-filled teethingers	NA
7.13	Percussion caps specifically designed for use in toys	NA
7.14	Acoustics	NA
7.15	Toy bicycles	NA
7.16	Toys intended to bear the mass of a child	NA
7.17	Toys comprising monofilament fibres	NA
7.18	Toy scooters	NA
7.19	Rocking horses and similar toys	NA
7.20	Magnetic/electrical experimental sets	NA
7.21	Toys with electrical cables exceeding 300 mm in length	NA
7.22	Toys with cords or chains intended for children of 18 months and over but under 36 months	NA
7.23	Toys intended to be attached to a cradle, cot or perambulator	NA
7.24	Sledges with cords for pulling	NA
7.25	Flying toys	NA
7.26	Improvised projectiles	NA

Remark: P = Pass

NA = Not Applicable

Artwork of packaging was provided for testing.

Remark: Additional information according to the Toy Safety Directives 2009/48/EC requirement. These information also appears as a note within the EN 71 but are not standard requirements:



Test Report

Number: SHAH01914078

Tests Conducted

1. Marking

The manufacturer's and importer's name, registered trade name or registered trade mark, the address and the CE-marking shall be indicated on the toy or, where that is not possible, on its packaging or in a document accompany the toy. In addition, manufacturers shall ensure that their toys bear a type, batch, serial or model number or other element allowing their identification, or where the size or nature of the toy does not allow it, that the required information is provided on the packaging or in a document accompanying the toy.

After checking, it was found that:

	Toy	Packaging
Manufacturer's name	Present	Present
Manufacturer's address	Present	Present
Importer's name	Absent	Absent
Importer's address	Absent	Absent
Product identification code	Present	Present
CE-marking	Absent	Present

Below is additional information checking according to the UK Toy (Safety) Regulations requirement.

Marking

The manufacturer's and importer's name, registered trade name or registered trademark, the address and type, batch, serial or model number or other element allowing their identification shall be indicated on the product itself.

After checking, it was found that:

	Toy	Packaging
Name of authorised representative in Great Britain	Absent	Absent
Address of authorised representative in Great Britain	Absent	Absent
Product identification code	Present	Present

With reference to the guidance of using UKCA marking from 1 January 2021 by the Department for Business, Energy and Industrial Strategy published on 1 September 2020.

After checking UKCA marking, it was found that:

	Toy	Packaging
UKCA marking	Absent	Absent

Date Sample Received: 06 Jan, 2026 & 11 Feb, 2026

Testing Period: 06 Jan, 2026 To 11 Feb, 2026



Test Report

Number: SHAH01914078

Tests Conducted

24 **Flammability Test**

As per European Standard on Safety of Toys EN71-2: 2020

Clause	Testing Items	Assessment
4.1	General	P
4.2	Toys to be worn on the head	
4.2.2	Beards, moustaches, wigs, etc., made from pile or flowing elements which protrude 50 mm or more from the surface of the toy	NA
4.2.3	Beards, moustaches, wigs, etc., made from pile or flowing elements which protrude less than 50 mm from the surface of the toy	NA
4.2.4	Full or partial moulded head masks	NA
4.2.5	Toys to be worn on the head	NA
4.3	Toy Disguise Costumes and Toys Intended to be Worn by a Child in Play	NA
4.4	Toys Intended to be Entered by a Child	NA
4.5	Soft Filled Toys	NA

Remark : P = Pass NA = Not Applicable

Date Sample Received : 06 Jan, 2026
Testing Period : 06 Jan, 2026 To 29 Jan, 2026

25 **Flammability Test**

As per European Standard on Safety of Toys EN71-2: 2020+A1: 2025

Clause	Testing Items	Assessment
4.1	General Requirements	P
4.2	Toys to be worn on the head	
4.2.2	Beards, moustaches, wigs, etc., made from pile or flowing elements which protrude 50 mm or more from the surface of the toy	NA
4.2.3	Beards, moustaches, wigs, etc., made from pile or flowing elements which protrude less than 50 mm from the surface of the toy	NA
4.2.4	Full or partial moulded head masks	NA
4.2.5	Toys to be worn on the head	NA
4.3	Toy Disguise Costumes and Toys Intended to be Worn by a Child in Play	NA
4.4	Toys Intended to be Entered by a Child	NA
4.5	Soft-Filled Toys	NA

Remark : P = Pass NA = Not Applicable

Date Sample Received : 06 Jan, 2026
Testing Period : 06 Jan, 2026 To 29 Jan, 2026



Test Report

Number: SHAH01914078

Tests Conducted

26 EN 71-3: 2019+A2: 2024 on Migration of Certain Elements

(A) Test Result

As per EN 71-3:2019+A2: 2024 and followed by Inductively Coupled Plasma Atomic Emission Spectrometry, Inductively Coupled Argon Mass Spectrometry, Ion Chromatography- Inductively Coupled Plasma-Mass Spectrometry, Ion Chromatography with UV-VIS and Gas Chromatographic - Mass Spectrometry.

Category (III): Scraped-off toy material

Element	Result (mg/kg)					Reporting Limit (mg/kg)	Limit (mg/kg)
	(1)	(2)	(3)	(4)	(5)		
Aluminium (Al)	ND	ND	ND	ND	ND	300	28130
Antimony (Sb)	ND	ND	ND	ND	ND	10	560
Arsenic (As)	ND	ND	ND	ND	ND	10	47
Barium (Ba)	ND	329	ND	ND	ND	10	18750
Boron (B)	ND	ND	ND	ND	ND	50	15000
Cadmium (Cd)	ND	ND	ND	ND	ND	5	17
Chromium (III) (Cr III) ⁺⁺	ND	ND	ND	ND	ND	10	460
Chromium (VI) (Cr VI) ⁺⁺	ND#	ND#	ND	ND	ND	0.025	0.053
Cobalt (Co)	ND	ND	ND	ND	ND	10	130
Copper (Cu)	ND	ND	ND	ND	ND	10	7700
Lead (Pb)	ND	ND	ND	ND	ND	10	23
Manganese (Mn)	54	ND	ND	ND	ND	10	15000
Mercury (Hg)	ND	ND	ND	ND	ND	10	94
Nickel (Ni)	ND	ND	ND	ND	ND	10	930
Selenium (Se)	ND	ND	ND	ND	ND	10	460
Strontium (Sr)	ND	ND	ND	ND	ND	100	56000
Tin (Sn)	ND	ND	ND	ND	ND	2.5	180000
Organic tin ⁺⁺	ND	ND	ND	ND	ND	5	12
Zinc (Zn)	ND	198	ND	ND	ND	100	46000



Test Report

Number: SHAH01914078

Tests Conducted

Element	Result (mg/kg)					Reporting Limit (mg/kg)	Limit (mg/kg)
	(6)	(7)	(8)	(9)	(10)		
Aluminium (Al)	ND	ND	ND	ND	ND	300	28130
Antimony (Sb)	ND	ND	ND	ND	ND	10	560
Arsenic (As)	ND	ND	ND	ND	ND	10	47
Barium (Ba)	ND	ND	ND	ND	ND	10	18750
Boron (B)	ND	ND	ND	ND	ND	50	15000
Cadmium (Cd)	ND	ND	ND	ND	ND	5	17
Chromium (III) (Cr III) ⁺⁺	ND	ND	ND	ND	ND	10	460
Chromium (VI) (Cr VI) ⁺⁺	ND	ND	ND	ND	ND	0.025	0.053
Cobalt (Co)	ND	ND	ND	ND	ND	10	130
Copper (Cu)	ND	ND	ND	ND	ND	10	7700
Lead (Pb)	ND	ND	ND	ND	ND	10	23
Manganese (Mn)	ND	ND	ND	ND	ND	10	15000
Mercury (Hg)	ND	ND	ND	ND	ND	10	94
Nickel (Ni)	ND	ND	ND	ND	ND	10	930
Selenium (Se)	ND	ND	ND	ND	ND	10	460
Strontium (Sr)	ND	ND	ND	ND	ND	100	56000
Tin (Sn)	ND	ND	ND	ND	ND	2.5	180000
Organic tin ⁺⁺	ND	ND	ND	ND	ND	5	12
Zinc (Zn)	ND	ND	ND	ND	ND	100	46000



Test Report

Number: SHAH01914078

Tests Conducted

Element	Result (mg/kg)					Reporting Limit (mg/kg)	Limit (mg/kg)
	(11)	(12)	(13)	(14)	(15)		
Aluminium (Al)	ND	ND	ND	ND	ND	300	28130
Antimony (Sb)	ND	ND	ND	ND	ND	10	560
Arsenic (As)	ND	ND	ND	ND	ND	10	47
Barium (Ba)	ND	ND	ND	ND	ND	10	18750
Boron (B)	ND	ND	ND	ND	ND	50	15000
Cadmium (Cd)	ND	ND	ND	ND	ND	5	17
Chromium (III) (Cr III) ⁺⁺	ND	ND	ND	ND	ND	10	460
Chromium (VI) (Cr VI) ⁺⁺	ND	ND	ND	ND	ND	0.025	0.053
Cobalt (Co)	ND	ND	ND	ND	ND	10	130
Copper (Cu)	ND	ND	ND	ND	ND	10	7700
Lead (Pb)	ND	ND	ND	ND	ND	10	23
Manganese (Mn)	ND	ND	ND	ND	ND	10	15000
Mercury (Hg)	ND	ND	ND	ND	ND	10	94
Nickel (Ni)	ND	ND	ND	ND	ND	10	930
Selenium (Se)	ND	ND	ND	ND	ND	10	460
Strontium (Sr)	ND	ND	ND	ND	ND	100	56000
Tin (Sn)	ND	ND	ND	ND	ND	2.5	180000
Organic tin ⁺⁺	ND	ND	ND	ND	ND	5	12
Zinc (Zn)	ND	ND	ND	ND	ND	100	46000



Test Report

Number: SHAH01914078

Tests Conducted

Element	Result (mg/kg)					Reporting Limit (mg/kg)	Limit (mg/kg)
	(16)	(17)	(18)	(19)	(20)		
Aluminium (Al)	ND	ND	ND	ND	ND	300	28130
Antimony (Sb)	ND	ND	ND	ND	ND	10	560
Arsenic (As)	ND	ND	ND	ND	ND	10	47
Barium (Ba)	ND	ND	ND	ND	ND	10	18750
Boron (B)	ND	ND	ND	ND	ND	50	15000
Cadmium (Cd)	ND	ND	ND	ND	ND	5	17
Chromium (III) (Cr III) ⁺⁺	ND	ND	ND	ND	ND	10	460
Chromium (VI) (Cr VI) ⁺⁺	ND	ND	ND#	ND	ND	0.025	0.053
Cobalt (Co)	ND	ND	ND	ND	ND	10	130
Copper (Cu)	ND	ND	ND	ND	ND	10	7700
Lead (Pb)	ND	ND	ND	ND	ND	10	23
Manganese (Mn)	ND	ND	ND	ND	ND	10	15000
Mercury (Hg)	ND	ND	ND	ND	ND	10	94
Nickel (Ni)	ND	ND	ND	ND	ND	10	930
Selenium (Se)	ND	ND	ND	ND	ND	10	460
Strontium (Sr)	ND	ND	ND	ND	ND	100	56000
Tin (Sn)	ND	ND	ND	ND	ND	2.5	180000
Organic tin ⁺⁺	ND	ND	ND	ND	ND	5	12
Zinc (Zn)	ND	ND	ND	ND	ND	100	46000



Test Report

Number: SHAH01914078

Tests Conducted

Element	Result (mg/kg)					Reporting Limit (mg/kg)	Limit (mg/kg)
	(21)	(22)	(23)	(24)	(25)		
Aluminium (Al)	ND	ND	ND	ND	ND	300	28130
Antimony (Sb)	ND	ND	ND	ND	ND	10	560
Arsenic (As)	ND	ND	ND	ND	ND	10	47
Barium (Ba)	ND	ND	ND	ND	ND	10	18750
Boron (B)	ND	ND	ND	ND	ND	50	15000
Cadmium (Cd)	ND	ND	ND	ND	ND	5	17
Chromium (III) (Cr III) ⁺⁺	ND	ND	ND	ND	ND	10	460
Chromium (VI) (Cr VI) ⁺⁺	ND	ND	ND	ND	ND	0.025	0.053
Cobalt (Co)	ND	ND	ND	ND	ND	10	130
Copper (Cu)	ND	ND	ND	ND	ND	10	7700
Lead (Pb)	ND	ND	ND	ND	ND	10	23
Manganese (Mn)	ND	ND	ND	ND	ND	10	15000
Mercury (Hg)	ND	ND	ND	ND	ND	10	94
Nickel (Ni)	ND	ND	ND	ND	ND	10	930
Selenium (Se)	ND	ND	ND	ND	ND	10	460
Strontium (Sr)	ND	ND	ND	ND	ND	100	56000
Tin (Sn)	ND	ND	ND	ND	ND	2.5	180000
Organic tin ⁺⁺	ND	ND	ND	ND	ND	5	12
Zinc (Zn)	ND	ND	ND	ND	ND	100	46000



Test Report

Number: SHAH01914078

Tests Conducted

Element	Result (mg/kg)					Reporting Limit (mg/kg)	Limit (mg/kg)
	(26)	(27)	(28)	(29)	(30)		
Aluminium (Al)	ND	ND	ND	ND	ND	300	28130
Antimony (Sb)	ND	ND	ND	ND	ND	10	560
Arsenic (As)	ND	ND	ND	ND	ND	10	47
Barium (Ba)	ND	ND	ND	ND	ND	10	18750
Boron (B)	ND	ND	ND	ND	ND	50	15000
Cadmium (Cd)	ND	ND	ND	ND	ND	5	17
Chromium (III) (Cr III) ⁺⁺	ND	ND	ND	ND	ND	10	460
Chromium (VI) (Cr VI) ⁺⁺	ND	ND	ND#	ND#	ND	0.025	0.053
Cobalt (Co)	ND	ND	ND	ND	ND	10	130
Copper (Cu)	ND	ND	14	ND	ND	10	7700
Lead (Pb)	ND	ND	ND	ND	ND	10	23
Manganese (Mn)	ND	ND	ND	ND	ND	10	15000
Mercury (Hg)	ND	ND	ND	ND	ND	10	94
Nickel (Ni)	ND	ND	ND	ND	ND	10	930
Selenium (Se)	ND	ND	ND	ND	ND	10	460
Strontium (Sr)	ND	ND	ND	ND	ND	100	56000
Tin (Sn)	ND	ND	ND	19.1	ND	2.5	180000
Organic tin ⁺⁺	ND	ND	ND	NDΔ	ND	5	12
Zinc (Zn)	ND	ND	ND	ND	ND	100	46000



Test Report

Number: SHAH01914078

Tests Conducted

Element	Result (mg/kg)					Reporting Limit (mg/kg)	Limit (mg/kg)
	(31)	(32)	(49)	(50)	(51)		
Aluminium (Al)	ND	ND	ND	ND	ND	300	28130
Antimony (Sb)	ND	ND	ND	ND	ND	10	560
Arsenic (As)	ND	ND	ND	ND	ND	10	47
Barium (Ba)	ND	ND	ND	ND	ND	10	18750
Boron (B)	ND	ND	ND	ND	ND	50	15000
Cadmium (Cd)	ND	ND	ND	ND	ND	5	17
Chromium (III) (Cr III) ⁺⁺	ND	ND	ND	ND	ND	10	460
Chromium (VI) (Cr VI) ⁺⁺	ND	ND	ND	ND	ND	0.025	0.053
Cobalt (Co)	ND	ND	ND	ND	ND	10	130
Copper (Cu)	ND	ND	ND	ND	ND	10	7700
Lead (Pb)	ND	ND	ND	ND	ND	10	23
Manganese (Mn)	ND	ND	ND	ND	ND	10	15000
Mercury (Hg)	ND	ND	ND	ND	ND	10	94
Nickel (Ni)	ND	ND	ND	ND	ND	10	930
Selenium (Se)	ND	ND	ND	ND	ND	10	460
Strontium (Sr)	ND	ND	ND	ND	ND	100	56000
Tin (Sn)	ND	ND	ND	ND	ND	2.5	180000
Organic tin ⁺⁺	ND	ND	ND	ND	ND	5	12
Zinc (Zn)	ND	ND	ND	ND	ND	100	46000



Test Report

Number: SHAH01914078

Tests Conducted

Element	Result (mg/kg)						Reporting Limit (mg/kg)	Limit (mg/kg)
	(52)	(53)	(54)	(55)	(56)	(57)		
Aluminium (Al)	ND	ND	ND	ND	ND	ND	300	28130
Antimony (Sb)	ND	ND	ND	ND	ND	ND	10	560
Arsenic (As)	ND	ND	ND	ND	ND	ND	10	47
Barium (Ba)	ND	ND	ND	ND	ND	ND	10	18750
Boron (B)	ND	ND	ND	ND	ND	ND	50	15000
Cadmium (Cd)	ND	ND	ND	ND	ND	ND	5	17
Chromium (III) (Cr III) ⁺⁺	ND	ND	ND	ND	ND	ND	10	460
Chromium (VI) (Cr VI) ⁺⁺	ND	ND	ND	ND	ND	ND	0.025	0.053
Cobalt (Co)	ND	ND	ND	ND	ND	ND	10	130
Copper (Cu)	ND	ND	ND	ND	ND	ND	10	7700
Lead (Pb)	ND	ND	ND	ND	ND	ND	10	23
Manganese (Mn)	ND	ND	ND	ND	ND	ND	10	15000
Mercury (Hg)	ND	ND	ND	ND	ND	ND	10	94
Nickel (Ni)	ND	ND	ND	ND	ND	ND	10	930
Selenium (Se)	ND	ND	ND	ND	ND	ND	10	460
Strontium (Sr)	ND	ND	ND	ND	ND	ND	100	56000
Tin (Sn)	ND	ND	ND	ND	ND	ND	2.5	180000
Organic tin ⁺⁺	ND	ND	ND	ND	ND	ND	5	12
Zinc (Zn)	ND	ND	ND	ND	ND	ND	100	46000

Remark: mg/kg = milligram per kilogram
 ++ = Unless the test results were marked with "#" or "Δ", Chromium (III) & Chromium (VI) and Organic tin contents were not directly determined and were derived from migration results of total chromium and tin respectively.
 - Organic tin test result was expressed as tributyl tin.
 ND = Not detected (less than detection limit)
 # = Confirmation of Chromium (VI) test was performed on the tested component. And the reported value of migration of Chromium (III) = migration value of total Chromium – migration value of Chromium(VI).
 Δ = Confirmation test was performed on the tested component. The reported value was the sum of the migration values of Dimethyl tin, Methyl tin, Butyl tin, Dibutyl tin, Tributyl tin, Tetrabutyl tin, n-Octyl tin, Di-n-octyl tin, Di-n-propyl tin, Diphenyl tin and Triphenyl tin after converted to Tributyl tin by calculation. Other Organic tin compounds may be also be present in sample as stated in EN 71-3: 2019+A2: 2024.

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



Test Report

Number: SHAH01914078

Tests Conducted

(B) Categories of various toy materials

Category I: Dry, brittle, powder like or pliable

Solid toy material from which powder-like material is released during playing and semi-solid materials that may also leave residues on the hands during play. The material can be ingested. Contamination of the hands with the material may contribute to the oral exposure of the material. (e.g. the cores of colouring pencils, chalk, crayons, modelling clays and plaster).

Category II: Liquid or sticky

Fluid or viscous toy material, which can be ingested or to which dermal exposure may occur during playing. (e.g. liquid paints, finger paints, liquid ink in pens, glue sticks, slimes, bubble solution).

Category III: Scraped-off

Solid toy material with or without a coating, which can be ingested as a result of biting, tooth scraping, sucking or licking. (e.g. coatings, lacquers, plastics, paper, textiles, glass, ceramic, metallic, wooden, bone, leather and other materials).

Date Sample Received: 06 Jan, 2026 & 16 Jan, 2026

Testing Period: 06 Jan, 2026 To 02 Mar, 2026

27 REACH Regulation (EC) No. 1907/2006 ANNEX XVII Entry 23 on Cadmium (Cd) Content

With reference to methods IEC 62321-5: 2013, acid digestion method was used and total Cadmium content was determined by Inductively Coupled Argon Plasma Spectrometry.

(Plastic Components)

Test Item	Result (%)					Detection Limit (%)	Limit (%) (Max.)
	(3)	(4)	(5)	(6)	(7)		
Cadmium (Cd)	ND	ND	ND	ND	ND	0.0005	0.01

(Plastic Components)

Test Item	Result (%)					Detection Limit (%)	Limit (%) (Max.)
	(8)	(9)	(10)	(11)	(12)		
Cadmium (Cd)	ND	ND	ND	ND	ND	0.0005	0.01

(Plastic Components)

Test Item	Result (%)					Detection Limit (%)	Limit (%) (Max.)
	(13)	(14)	(15)	(16)	(17)		
Cadmium (Cd)	ND	ND	ND	ND	ND	0.0005	0.01

(Plastic Components)

Test Item	Result (%)					Detection Limit (%)	Limit (%) (Max.)
	(18)	(19)	(20)	(21)	(22)		
Cadmium (Cd)	ND	ND	ND	ND	ND	0.0005	0.01

(Plastic Components)

Test Item	Result (%)					Detection Limit (%)	Limit (%) (Max.)
	(23)	(24)	(25)	(26)	(27)		
Cadmium (Cd)	ND	ND	ND	ND	ND	0.0005	0.01



Test Report

Number: SHAH01914078

Tests Conducted

(Plastic Components)

Test Item	Result (%)					Detection Limit (%)	Limit(%) (Max.)
	(28)	(29)	(30)	(31)	(33)		
Cadmium (Cd)	ND	ND	ND	ND	ND	0.0005	0.01

(Plastic Components)

Test Item	Result (%)					Detection Limit (%)	Limit(%) (Max.)
	(34)	(35)	(36)	(37)	(38)		
Cadmium (Cd)	ND	ND	ND	ND	ND	0.0005	0.01

(Plastic Components)

Test Item	Result (%)				Detection Limit (%)	Limit(%) (Max.)
	(49+51)	(50)	(52)	(53)		
Cadmium (Cd)	ND	ND	ND	ND	0.0005	0.01

(Plastic Components)

Test Item	Result (%)			Detection Limit (%)	Limit(%) (Max.)
	(54+56)	(55)	(57)		
Cadmium (Cd)	ND	ND	ND	0.0005	0.01

(Painted Article)

Test Item	Result (%)		Detection Limit (%)	Limit(%) (Max.)
	(1)	(2)		
Cadmium (Cd)	ND	ND	0.0005	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: 06 Jan, 2026 & 16 Jan, 2026

Testing Period: 06 Jan, 2026 To 02 Mar, 2026



Test Report

Number: SHAH01914078

Tests Conducted

- 28 REACH Regulation (EC) No. 1907/2006 Annex XVII, Entry 51 & Amendments No. 552/2009 & (EU) 2018/2005 on Phthalates Content

With reference to ISO 8124-6: 2023 method A or C, followed by Gas Chromatographic-Mass Spectrometric (GC-MS) analysis (Internal/ external standard method).

Test Item	CAS No.	Result (%w/w)				Reporting Limit (%w/w)	Limit (%w/w)
		(1)	(2)	(3)	(4)		
Dibutyl phthalate (DBP)	84-74-2	ND	ND	ND	ND	0.005	--
Diethyl hexyl phthalate (DEHP)	117-81-7	ND	ND	ND	ND	0.005	--
Benzyl butyl phthalate (BBP)	85-68-7	ND	ND	ND	ND	0.005	--
Diisobutyl phthalate (DIBP)	84-69-5	ND	ND	ND	ND	0.005	--
Sum of DBP, DEHP, BBP and DIBP	--	ND	ND	ND	ND	--	0.1

Test Item	CAS No.	Result (%w/w)				Reporting Limit (%w/w)	Limit (%w/w)
		(5)	(6)	(7)	(8)		
Dibutyl phthalate (DBP)	84-74-2	ND	ND	ND	ND	0.005	--
Diethyl hexyl phthalate (DEHP)	117-81-7	ND	ND	ND	ND	0.005	--
Benzyl butyl phthalate (BBP)	85-68-7	ND	ND	ND	ND	0.005	--
Diisobutyl phthalate (DIBP)	84-69-5	ND	ND	ND	ND	0.005	--
Sum of DBP, DEHP, BBP and DIBP	--	ND	ND	ND	ND	--	0.1

Test Item	CAS No.	Result (%w/w)				Reporting Limit (%w/w)	Limit (%w/w)
		(9)	(10)	(11)	(12)		
Dibutyl phthalate (DBP)	84-74-2	ND	ND	ND	ND	0.005	--
Diethyl hexyl phthalate (DEHP)	117-81-7	ND	ND	ND	ND	0.005	--
Benzyl butyl phthalate (BBP)	85-68-7	ND	ND	ND	ND	0.005	--
Diisobutyl phthalate (DIBP)	84-69-5	ND	ND	ND	ND	0.005	--
Sum of DBP, DEHP, BBP and DIBP	--	ND	ND	ND	ND	--	0.1

Test Item	CAS No.	Result (%w/w)				Reporting Limit (%w/w)	Limit (%w/w)
		(13)	(14)	(15)	(16)		
Dibutyl phthalate (DBP)	84-74-2	ND	ND	ND	ND	0.005	--
Diethyl hexyl phthalate (DEHP)	117-81-7	ND	ND	ND	ND	0.005	--
Benzyl butyl phthalate (BBP)	85-68-7	ND	ND	ND	ND	0.005	--
Diisobutyl phthalate (DIBP)	84-69-5	ND	ND	ND	ND	0.005	--
Sum of DBP, DEHP, BBP and DIBP	--	ND	ND	ND	ND	--	0.1

Test Item	CAS No.	Result (%w/w)				Reporting Limit (%w/w)	Limit (%w/w)
		(17)	(18)	(19)	(20)		
Dibutyl phthalate (DBP)	84-74-2	ND	ND	ND	ND	0.005	--
Diethyl hexyl phthalate (DEHP)	117-81-7	ND	ND	ND	ND	0.005	--
Benzyl butyl phthalate (BBP)	85-68-7	ND	ND	ND	ND	0.005	--
Diisobutyl phthalate (DIBP)	84-69-5	ND	ND	ND	ND	0.005	--
Sum of DBP, DEHP, BBP and DIBP	--	ND	ND	ND	ND	--	0.1



Test Report

Number: SHAH01914078

Tests Conducted

Test Item	CAS No.	Result (%w/w)				Reporting Limit (%w/w)	Limit (%w/w)
		(21)	(22)	(23)	(24)		
Dibutyl phthalate (DBP)	84-74-2	ND	ND	ND	ND	0.005	--
Diethyl hexyl phthalate (DEHP)	117-81-7	ND	ND	ND	ND	0.005	--
Benzyl butyl phthalate (BBP)	85-68-7	ND	ND	ND	ND	0.005	--
Diisobutyl phthalate (DIBP)	84-69-5	ND	ND	ND	ND	0.005	--
Sum of DBP, DEHP, BBP and DIBP	--	ND	ND	ND	ND	--	0.1

Test Item	CAS No.	Result (%w/w)				Reporting Limit (%w/w)	Limit (%w/w)
		(25)	(26)	(27)	(28)		
Dibutyl phthalate (DBP)	84-74-2	ND	ND	ND	ND	0.005	--
Diethyl hexyl phthalate (DEHP)	117-81-7	ND	ND	ND	ND	0.005	--
Benzyl butyl phthalate (BBP)	85-68-7	ND	ND	ND	ND	0.005	--
Diisobutyl phthalate (DIBP)	84-69-5	ND	ND	ND	ND	0.005	--
Sum of DBP, DEHP, BBP and DIBP	--	ND	ND	ND	ND	--	0.1

Test Item	CAS No.	Result (%w/w)				Reporting Limit (%w/w)	Limit (%w/w)
		(29)	(30)	(31)	(32)		
Dibutyl phthalate (DBP)	84-74-2	ND	ND	ND	ND	0.005	--
Diethyl hexyl phthalate (DEHP)	117-81-7	ND	ND	ND	ND	0.005	--
Benzyl butyl phthalate (BBP)	85-68-7	ND	ND	ND	ND	0.005	--
Diisobutyl phthalate (DIBP)	84-69-5	ND	ND	ND	ND	0.005	--
Sum of DBP, DEHP, BBP and DIBP	--	ND	ND	ND	ND	--	0.1

Test Item	CAS No.	Result (%w/w)				Reporting Limit (%w/w)	Limit (%w/w)
		(33)	(34)	(35)	(36)		
Dibutyl phthalate (DBP)	84-74-2	ND	ND	ND	ND	0.005	--
Diethyl hexyl phthalate (DEHP)	117-81-7	ND	ND	ND	ND	0.005	--
Benzyl butyl phthalate (BBP)	85-68-7	ND	ND	ND	ND	0.005	--
Diisobutyl phthalate (DIBP)	84-69-5	ND	ND	ND	ND	0.005	--
Sum of DBP, DEHP, BBP and DIBP	--	ND	ND	ND	ND	--	0.1

Test Item	CAS No.	Result (%w/w)				Reporting Limit (%w/w)	Limit (%w/w)
		(37)	(38)	(49+51)	(54+56)		
Dibutyl phthalate (DBP)	84-74-2	ND	ND	ND	ND	0.005	--
Diethyl hexyl phthalate (DEHP)	117-81-7	ND	ND	ND	ND	0.005	--
Benzyl butyl phthalate (BBP)	85-68-7	ND	ND	ND	ND	0.005	--
Diisobutyl phthalate (DIBP)	84-69-5	ND	ND	ND	ND	0.005	--
Sum of DBP, DEHP, BBP and DIBP	--	ND	ND	ND	ND	--	0.1

Test Item	CAS No.	Result (%w/w)				Reporting Limit (%w/w)	Limit (%w/w)
		(50)	(52)	(53)	(55)		
Dibutyl phthalate (DBP)	84-74-2	ND	ND	ND	ND	0.005	--
Diethyl hexyl phthalate (DEHP)	117-81-7	ND	ND	ND	ND	0.005	--
Benzyl butyl phthalate (BBP)	85-68-7	ND	ND	ND	ND	0.005	--
Diisobutyl phthalate (DIBP)	84-69-5	ND	ND	ND	ND	0.005	--
Sum of DBP, DEHP, BBP and DIBP	--	ND	ND	ND	ND	--	0.1



Test Report

Number: SHAH01914078

Tests Conducted

Test Item	CAS No.	Result (%w/w)	Reporting Limit (%w/w)	Limit (%w/w)
		(57)		
Dibutyl phthalate (DBP)	84-74-2	ND	0.005	--
Diethyl hexyl phthalate (DEHP)	117-81-7	ND	0.005	--
Benzyl butyl phthalate (BBP)	85-68-7	ND	0.005	--
Diisobutyl phthalate (DIBP)	84-69-5	ND	0.005	--
Sum of DBP, DEHP, BBP and DIBP	--	ND	--	0.1

The above limit was quoted according to Annex XVII Entry 51 of the REACH Regulation (EC) No. 1907/2006 & Amendment No. 552/2009 & Amendment Commission Regulation (EU) 2018/2005 for Phthalate content in articles.

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

@ = The surface coatings were tested with the substrate for phthalate test. With the consideration of the dilution factor, the testing result may not represent the result of the individual coatings and substrate.

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

Date Sample Received: 06 Jan, 2026 & 16 Jan, 2026

Testing Period: 06 Jan, 2026 To 02 Mar, 2026

29 REACH Regulation (EC) No. 1907/2006 Annex XVII, Entry 52 and Amendments No. 552/2009 on Phthalates Content

With reference to ISO 8124-6: 2023 method A or C, by Gas Chromatographic-Mass Spectrometric (GC-MS) analysis (Internal/ external standard method).

Test Item	CAS No.	Result (%w/w)				Reporting Limit (%w/w)	Limit (%w/w)
		(1)	(2)	(3)	(4)		
Di-n-octyl phthalate (DnOP)	117-84-0	ND	ND	ND	ND	0.005	--
Diisononyl phthalate (DINP)	28553-12-0/ 68515-48-0	ND	ND	ND	ND	0.005	--
Diisodecyl phthalate (DIDP)	26761-40-0/ 68515-49-1	ND	ND	ND	ND	0.005	--
Sum of DINP, DNOP and DIDP	--	ND	ND	ND	ND	--	0.1

Test Item	CAS No.	Result (%w/w)				Reporting Limit (%w/w)	Limit (%w/w)
		(5)	(6)	(7)	(8)		
Di-n-octyl phthalate (DnOP)	117-84-0	ND	ND	ND	ND	0.005	--
Diisononyl phthalate (DINP)	28553-12-0/ 68515-48-0	ND	ND	ND	ND	0.005	--
Diisodecyl phthalate (DIDP)	26761-40-0/ 68515-49-1	ND	ND	ND	ND	0.005	--
Sum of DINP, DNOP and DIDP	--	ND	ND	ND	ND	--	0.1

Test Item	CAS No.	Result (%w/w)				Reporting Limit (%w/w)	Limit (%w/w)
		(9)	(10)	(11)	(12)		
Di-n-octyl phthalate (DnOP)	117-84-0	ND	ND	ND	ND	0.005	--
Diisononyl phthalate (DINP)	28553-12-0/ 68515-48-0	ND	ND	ND	ND	0.005	--
Diisodecyl phthalate (DIDP)	26761-40-0/ 68515-49-1	ND	ND	ND	ND	0.005	--
Sum of DINP, DNOP and DIDP	--	ND	ND	ND	ND	--	0.1



Test Report

Number: SHAH01914078

Tests Conducted

Test Item	CAS No.	Result (%w/w)				Reporting Limit (%,w/w)	Limit (%,w/w)
		(13)	(14)	(15)	(16)		
Di-n-octyl phthalate (DnOP)	117-84-0	ND	ND	ND	ND	0.005	--
Diisononyl phthalate (DINP)	28553-12-0/ 68515-48-0	ND	ND	ND	ND	0.005	--
Diisodecyl phthalate (DIDP)	26761-40-0/ 68515-49-1	ND	ND	ND	ND	0.005	--
Sum of DINP, DNOP and DIDP	--	ND	ND	ND	ND	--	0.1

Test Item	CAS No.	Result (%w/w)				Reporting Limit (%,w/w)	Limit (%,w/w)
		(17)	(18)	(19)	(20)		
Di-n-octyl phthalate (DnOP)	117-84-0	ND	ND	ND	ND	0.005	--
Diisononyl phthalate (DINP)	28553-12-0/ 68515-48-0	ND	ND	ND	ND	0.005	--
Diisodecyl phthalate (DIDP)	26761-40-0/ 68515-49-1	ND	ND	ND	ND	0.005	--
Sum of DINP, DNOP and DIDP	--	ND	ND	ND	ND	--	0.1

Test Item	CAS No.	Result (%w/w)				Reporting Limit (%,w/w)	Limit (%,w/w)
		(21)	(22)	(23)	(24)		
Di-n-octyl phthalate (DnOP)	117-84-0	ND	ND	ND	ND	0.005	--
Diisononyl phthalate (DINP)	28553-12-0/ 68515-48-0	ND	ND	ND	ND	0.005	--
Diisodecyl phthalate (DIDP)	26761-40-0/ 68515-49-1	ND	ND	ND	ND	0.005	--
Sum of DINP, DNOP and DIDP	--	ND	ND	ND	ND	--	0.1

Test Item	CAS No.	Result (%w/w)				Reporting Limit (%,w/w)	Limit (%,w/w)
		(25)	(26)	(27)	(28)		
Di-n-octyl phthalate (DnOP)	117-84-0	ND	ND	ND	ND	0.005	--
Diisononyl phthalate (DINP)	28553-12-0/ 68515-48-0	ND	ND	ND	ND	0.005	--
Diisodecyl phthalate (DIDP)	26761-40-0/ 68515-49-1	ND	ND	ND	ND	0.005	--
Sum of DINP, DNOP and DIDP	--	ND	ND	ND	ND	--	0.1

Test Item	CAS No.	Result (%w/w)				Reporting Limit (%,w/w)	Limit (%,w/w)
		(29)	(30)	(31)	(32)		
Di-n-octyl phthalate (DnOP)	117-84-0	ND	ND	ND	ND	0.005	--
Diisononyl phthalate (DINP)	28553-12-0/ 68515-48-0	ND	ND	ND	ND	0.005	--
Diisodecyl phthalate (DIDP)	26761-40-0/ 68515-49-1	ND	ND	ND	ND	0.005	--
Sum of DINP, DNOP and DIDP	--	ND	ND	ND	ND	--	0.1



Test Report

Number: SHAH01914078

Tests Conducted

Test Item	CAS No.	Result (%w/w)				Reporting Limit (%w/w)	Limit (%w/w)
		(33)	(34)	(35)	(36)		
Di-n-octyl phthalate (DnOP)	117-84-0	ND	ND	ND	ND	0.005	--
Diisononyl phthalate (DINP)	28553-12-0/ 68515-48-0	ND	ND	ND	ND	0.005	--
Diisodecyl phthalate (DIDP)	26761-40-0/ 68515-49-1	ND	ND	ND	ND	0.005	--
Sum of DINP, DNOP and DIDP	--	ND	ND	ND	ND	--	0.1

Test Item	CAS No.	Result (%w/w)				Reporting Limit (%w/w)	Limit (%w/w)
		(37)	(38)	(49+51)	(54+56)		
Di-n-octyl phthalate (DnOP)	117-84-0	ND	ND	ND	ND	0.005	--
Diisononyl phthalate (DINP)	28553-12-0/ 68515-48-0	ND	ND	ND	ND	0.005	--
Diisodecyl phthalate (DIDP)	26761-40-0/ 68515-49-1	ND	ND	ND	ND	0.005	--
Sum of DINP, DNOP and DIDP	--	ND	ND	ND	ND	--	0.1

Test Item	CAS No.	Result (%w/w)				Reporting Limit (%w/w)	Limit (%w/w)
		(50)	(52)	(53)	(55)		
Di-n-octyl phthalate (DnOP)	117-84-0	ND	ND	ND	ND	0.005	--
Diisononyl phthalate (DINP)	28553-12-0/ 68515-48-0	ND	ND	ND	ND	0.005	--
Diisodecyl phthalate (DIDP)	26761-40-0/ 68515-49-1	ND	ND	ND	ND	0.005	--
Sum of DINP, DNOP and DIDP	--	ND	ND	ND	ND	--	0.1

Test Item	CAS No.	Result (%w/w)	Reporting Limit	Limit
		(57)	(%w/w)	(%w/w)
Di-n-octyl phthalate (DnOP)	117-84-0	ND	0.005	--
Diisononyl phthalate (DINP)	28553-12-0/ 68515-48-0	ND	0.005	--
Diisodecyl phthalate (DIDP)	26761-40-0/ 68515-49-1	ND	0.005	--
Sum of DINP, DNOP and DIDP	--	ND	--	0.1

The above limit was quoted according to Annex XVII Entry 52 of the REACH Regulation (EC) No. 1907/2006 & Amendment No. 552/2009 for Phthalate content in toys and childcare articles.

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

@ = As requested by the applicant, the surface coatings were tested with the substrate for phthalate test. With the consideration of the dilution factor, the testing result may not represent the result of the individual coatings and substrate.

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

Date Sample Received: 06 Jan, 2026 & 16 Jan, 2026

Testing Period: 06 Jan, 2026 To 02 Mar, 2026



Test Report

Number: SHAH01914078

Tests Conducted

30 Lead (Pb) Content (REACH Regulation (EC) No 1907/2006 Annex XVII Entry 63)

With reference to method IEC 62321-5:2013, microwave digestion method was used and total Lead content was determined by Inductively Coupled Argon Plasma Spectrometry.

Test Item	Result (%)					Reporting Limit (%)	Limit (%)
	(1)	(2)	(3)	(4)	(5)		
Lead (Pb)	ND	ND	ND	ND	ND	0.001	0.05

Test Item	Result (%)					Reporting Limit (%)	Limit (%)
	(6)	(7)	(8)	(9)	(10)		
Lead (Pb)	ND	ND	ND	ND	ND	0.001	0.05

Test Item	Result (%)					Reporting Limit (%)	Limit (%)
	(11)	(12)	(13)	(14)	(15)		
Lead (Pb)	ND	ND	ND	ND	0.0019	0.001	0.05

Test Item	Result (%)					Reporting Limit (%)	Limit (%)
	(16)	(17)	(18)	(19)	(20)		
Lead (Pb)	0.0021	ND	ND	ND	ND	0.001	0.05

Test Item	Result (%)					Reporting Limit (%)	Limit (%)
	(21)	(22)	(23)	(24)	(25)		
Lead (Pb)	ND	ND	ND	ND	ND	0.001	0.05

Test Item	Result (%)					Reporting Limit (%)	Limit (%)
	(26)	(27)	(28)	(29)	(30)		
Lead (Pb)	ND	ND	ND	ND	ND	0.001	0.05

Test Item	Result (%)					Reporting Limit (%)	Limit (%)
	(31)	(32)	(39)	(40)	(41)		
Lead (Pb)	ND	ND	ND	ND	ND	0.001	0.05

Test Item	Result (%)					Reporting Limit (%)	Limit (%)
	(42)	(43)	(44)	(45)	(46)		
Lead (Pb)	ND	ND	ND	ND	ND	0.001	0.05

Test Item	Result (%)					Reporting Limit (%)	Limit (%)
	(47)	(48)	(49+51)	(50)	(52)		
Lead (Pb)	0.0041	0.0073	ND	ND	ND	0.001	0.05

Test Item	Result (%)				Reporting Limit (%)	Limit (%)
	(53)	(54+56)	(55)	(57)		
Lead (Pb)	ND	ND	ND	ND	0.001	0.05



Test Report

Number: SHAH01914078

Tests Conducted

The limit was quoted according to Commission Regulation (EU) 2015/628 amending the REACH Regulation (EC) No 1907/2006 Annex XVII (Entry 63) for Lead content in articles which may be placed in the mouth by children during normal or reasonably foreseeable conditions of use.

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

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

Date Sample Received: 06 Jan, 2026 & 16 Jan, 2026

Testing Period: 06 Jan, 2026 To 02 Mar, 2026

31 Detection of Amines Derived from Azocolourants and Azodyes

By Gas Chromatographic - Mass Spectrometric (GC-MS) And High-Performance Liquid Chromatographic (HPLC) Analysis.

Test Method: EN ISO 14362-1: 2017 for Textile Material
EN ISO 17234-1: 2015 for Leather Material
EN ISO 14362-3: 2017 & EN ISO 17234-2: 2011 for p-Aminoazobenzene

	<u>Forbidden</u>	<u>Cas No.</u>	<u>Result (ppm)</u>
1.	4-Aminodiphenyl	92-67-1	N/A
2.	Benzidine	92-87-5	N/A
3.	4-Chloro-o-Toluidine	95-69-2	N/A
4.	2-Naphthylamine	91-59-8	N/A
5.	o-Aminoazotoluene	97-56-3	N/A
6.	2-Amino-4-Nitrotoluene	99-55-8	N/A
7.	p-Chloroaniline	106-47-8	N/A
8.	2,4-Diaminoanisole	615-05-4	N/A
9.	4,4'-Diaminodiphenylmethane	101-77-9	N/A
10.	3,3'-Dichlorobenzidine	91-94-1	N/A
11.	3,3'-Dimethoxybenzidine	119-90-4	N/A
12.	3,3'-Dimethylbenzidine	119-93-7	N/A
13.	3,3'-Dimethyl-4,4'-diaminodiphenylmethane	838-88-0	N/A
14.	p-Cresidine	120-71-8	N/A
15.	4,4'-Methylene-Bis(2-Chloroaniline)	101-14-4	N/A
16.	4,4'-Oxydianiline	101-80-4	N/A
17.	4,4'-Thiodianiline	139-65-1	N/A
18.	o-Toluidine	95-53-4	N/A
19.	2,4-Toluylenediamine	95-80-7	N/A
20.	2,4,5-Trimethylaniline	137-17-7	N/A
21.	o-Anisidine	90-04-0	N/A
22.	p-Aminoazobenzene	60-09-3	N/A

Remark: Detection Limit = 5 ppm
Requirement = 30ppm(Max.)
ppm = Parts per million = mg/kg
N/A = Not Applicable
No suitable material per client's requirement was found on the submitted sample.

Date Sample Received: 06 Jan, 2026

Testing Period: 06 Jan, 2026 To 02 Mar, 2026



Test Report

Number: SHAH01914078

Tests Conducted

32 Mechanical and Physical Test

As per British Standard on Safety of toys BS EN 71-1: 2014+A1: 2018.

Applicant's specified age group for testing: Over 3 years.

The submitted samples were undergone the following abuse tests:

<u>Clause</u>	<u>Testing items</u>
8.4.2.3	Protective components (60 N)
8.6	Tip over test (3 times)

Clause	Testing items	Assessment
4	General requirements	
4.1	Material cleanliness	P
4.2	Assembly	P
4.3	Flexible plastic sheeting	NA
4.4	Toy bags	NA
4.5	Glass	NA
4.6	Expanding materials	NA
4.7	Edges	P
4.8	Points and metallic wires	P
4.9	Protruding parts	P
4.10	Parts moving against each other	P
4.11	Mouth actuated toys and other toys intended to be put in the mouth	NA
4.12	Balloons	NA
4.13	Cords of toy kites and other flying toys	NA
4.14	Enclosures	NA
4.15	Toys intended to bear the mass of a child	P
4.16	Heavy immobile toys	NA
4.17	Projectile toys	NA
4.18	Aquatic toys and inflatable toys	NA
4.19	Percussion caps specifically designed for use in toys and toys using percussion caps	NA
4.20	Acoustics	P
4.21	Toys containing non-electrical heat source	NA
4.22	Small balls	NA
4.23	Magnets	NA
4.24	Yo-yo balls	NA
4.25	Toys attached to food	NA
4.26	Toy Disguise Costumes	NA
4.27	Flying toys	NA
5	Toys intended for children under 36 months	
5.1	General requirements for children under 36 months	NA



Test Report

Number: SHAH01914078

Tests Conducted

Clause	Testing items	Assessment
5.2	Soft-filled toys and soft-filled parts of a toy	NA
5.3	Plastic sheeting	NA
5.4	Cords, chains and electrical cables in toys	NA
5.5	Liquid filled toys	NA
5.6	Speed limitation of electrically-driven ride-on toys	NA
5.7	Glass and porcelain	NA
5.8	Shape and size of certain toys	NA
5.9	Toys comprising monofilament fibres	NA
5.10	Small balls	NA
5.11	Play figures	NA
5.12	Hemispheric-shaped toys	NA
5.13	Suction cups	NA
5.14	Straps intended to be worn fully or partially around the neck	NA
5.15	Sledges with cords for pulling	NA
6	Packaging	P
7	Warnings, markings and instructions for use	
7.1	General	P
7.2	Toys not intended for children under 36 months	P
7.3	Latex balloons	NA
7.4	Aquatic toys	NA
7.5	Functional toys	NA
7.6	Hazardous sharp functional edges and points	NA
7.7	Projectile toys	NA
7.8	Imitation protective masks and helmets	NA
7.9	Toy kites	NA
7.10	Roller skates, inlineskates and skateboards and certain other ride-on toys	P
7.11	Toys otherwise intended to be strung across a cradle, cot, or perambulator	NA
7.12	Liquid-filled teethingers	NA
7.13	Percussion caps specifically designed for use in toys	NA
7.14	Acoustics	NA
7.15	Toy bicycles	NA
7.16	Toys intended to bear the mass of a child	NA
7.17	Toys comprising monofilament fibres	NA
7.18	Toy scooters	NA
7.19	Rocking horses and similar toys	NA
7.20	Magnetic/electrical experimental sets	NA
7.21	Toys with electrical cables exceeding 300 mm in length	NA
7.22	Toys with cords or chains intended for children of 18 months and over but under 36 months	NA
7.23	Toys intended to be attached to a cradle, cot or perambulator	NA
7.24	Sledges with cords for pulling	NA



Test Report

Number: SHAH01914078

Tests Conducted

Clause	Testing items	Assessment
7.25	Flying toys	NA
7.26	Improvised projectiles	NA

Abbreviation: P = Pass

NA = Not Applicable

Below are additional information according to the Toy Safety Directive 2009/48/EC requirement. These information also appears as a note within the EN71 but are not standard requirements and not accredited:

Marking

The manufacturer's and importer's name, registered trade name or registered trademark, the address and type, batch, serial or model number or other element allowing their identification shall be indicated on the product itself. In addition, toys or packaging shall also bear the CE-marking.

After checking, it was found that

	Toy	Packaging
Manufacturer's name	Present	Present
Manufacturer's address	Present	Present
Importer's name	Absent	Absent
Importer's address	Absent	Absent
Product identification code	Present	Present
CE-marking	Absent	Present

Below is additional information checking according to the UK Toy (Safety) Regulations requirement. The checking is not within accreditation scope.

Marking

The manufacturer's and importer's name, registered trade name or registered trademark, the address and type, batch, serial or model number or other element allowing their identification shall be indicated on the product itself.

After checking, it was found that

	Toy	Packaging
Manufacturer's name	Present	Present
Manufacturer's address	Present	Present
UK Importer's name	Absent	Absent
UK Importer's address	Absent	Absent
Product identification code	Present	Present

With reference to the guidance of using UKCA marking from 1 January 2021 by the Department for Business, Energy and Industrial Strategy published on 1 September 2020.

After checking UKCA marking, it was found that

	Toy	Packaging
UKCA marking	Absent	Absent

Date Sample Received: 06 Jan, 2026 & 11 Feb, 2026

Testing Period: 06 Jan, 2026 To 11 Feb, 2026



Test Report

Number: SHAH01914078

Tests Conducted

33 **Flammability Test**

As per British Standard on Safety of Toys BS EN71-2: 2020

Clause	Testing Items	Assessment
4.1	General	P
4.2	Toys to be worn on the head	
4.2.2	Beards, moustaches, wigs, etc., made from pile or flowing elements which protrude 50 mm or more from the surface of the toy	NA
4.2.3	Beards, moustaches, wigs, etc., made from pile or flowing elements which protrude less than 50 mm from the surface of the toy	NA
4.2.4	Full or partial moulded head masks	NA
4.2.5	Toys to be worn on the head	NA
4.3	Toy Disguise Costumes and Toys Intended to be Worn by a Child in Play	NA
4.4	Toys Intended to be Entered by a Child	NA
4.5	Soft Filled Toys	NA

Remark : P = Pass NA = Not Applicable

Date Sample Received : 06 Jan, 2026
Testing Period : 06 Jan, 2026 To 29 Jan, 2026

34 **Flammability Test**

As per British Standard on Safety of Toys BS EN71-2: 2020+A1:2025

Clause	Testing Items	Assessment
4.1	General	P
4.2	Toys to be worn on the head	
4.2.2	Beards, moustaches, wigs, etc., made from pile or flowing elements which protrude 50 mm or more from the surface of the toy	NA
4.2.3	Beards, moustaches, wigs, etc., made from pile or flowing elements which protrude less than 50 mm from the surface of the toy	NA
4.2.4	Full or partial moulded head masks	NA
4.2.5	Toys to be worn on the head	NA
4.3	Toy Disguise Costumes and Toys Intended to be Worn by a Child in Play	NA
4.4	Toys Intended to be Entered by a Child	NA
4.5	Soft Filled Toys	NA

Remark : P = Pass NA = Not Applicable

Date Sample Received : 06 Jan, 2026
Testing Period : 06 Jan, 2026 To 29 Jan, 2026



Test Report

Number: SHAH01914078

Tests Conducted

35 BS EN 71-3: 2019+A2: 2024 on Migration of Certain Elements

(A) Test Result

With reference to BS EN 71-3:2019+A2: 2024 and followed by Inductively Coupled Plasma Atomic Emission Spectrometry, Inductively Coupled Argon Mass Spectrometry, Ion Chromatography- Inductively Coupled Plasma-Mass Spectrometry, Ion Chromatography with UV-VIS and Gas Chromatographic - Mass Spectrometry.

Category (III): Scraped-off toy material

Element	Result (mg/kg)					Reporting Limit (mg/kg)	Limit (mg/kg)
	(1)	(2)	(3)	(4)	(5)		
Aluminium (Al)	ND	ND	ND	ND	ND	300	28130
Antimony (Sb)	ND	ND	ND	ND	ND	10	560
Arsenic (As)	ND	ND	ND	ND	ND	10	47
Barium (Ba)	ND	329	ND	ND	ND	10	18750
Boron (B)	ND	ND	ND	ND	ND	50	15000
Cadmium (Cd)	ND	ND	ND	ND	ND	5	17
Chromium (III) (Cr III) ⁺⁺	ND	ND	ND	ND	ND	10	460
Chromium (VI) (Cr VI) ⁺⁺	ND#	ND#	ND	ND	ND	0.025	0.053
Cobalt (Co)	ND	ND	ND	ND	ND	10	130
Copper (Cu)	ND	ND	ND	ND	ND	10	7700
Lead (Pb)	ND	ND	ND	ND	ND	10	23
Manganese (Mn)	54	ND	ND	ND	ND	10	15000
Mercury (Hg)	ND	ND	ND	ND	ND	10	94
Nickel (Ni)	ND	ND	ND	ND	ND	10	930
Selenium (Se)	ND	ND	ND	ND	ND	10	460
Strontium (Sr)	ND	ND	ND	ND	ND	100	56000
Tin (Sn)	ND	ND	ND	ND	ND	2.5	180000
Organic tin ⁺⁺	ND	ND	ND	ND	ND	5	12
Zinc (Zn)	ND	198	ND	ND	ND	100	46000



Test Report

Number: SHAH01914078

Tests Conducted

Element	Result (mg/kg)					Reporting Limit (mg/kg)	Limit (mg/kg)
	(6)	(7)	(8)	(9)	(10)		
Aluminium (Al)	ND	ND	ND	ND	ND	300	28130
Antimony (Sb)	ND	ND	ND	ND	ND	10	560
Arsenic (As)	ND	ND	ND	ND	ND	10	47
Barium (Ba)	ND	ND	ND	ND	ND	10	18750
Boron (B)	ND	ND	ND	ND	ND	50	15000
Cadmium (Cd)	ND	ND	ND	ND	ND	5	17
Chromium (III) (Cr III) ⁺⁺	ND	ND	ND	ND	ND	10	460
Chromium (VI) (Cr VI) ⁺⁺	ND	ND	ND	ND	ND	0.025	0.053
Cobalt (Co)	ND	ND	ND	ND	ND	10	130
Copper (Cu)	ND	ND	ND	ND	ND	10	7700
Lead (Pb)	ND	ND	ND	ND	ND	10	23
Manganese (Mn)	ND	ND	ND	ND	ND	10	15000
Mercury (Hg)	ND	ND	ND	ND	ND	10	94
Nickel (Ni)	ND	ND	ND	ND	ND	10	930
Selenium (Se)	ND	ND	ND	ND	ND	10	460
Strontium (Sr)	ND	ND	ND	ND	ND	100	56000
Tin (Sn)	ND	ND	ND	ND	ND	2.5	180000
Organic tin ⁺⁺	ND	ND	ND	ND	ND	5	12
Zinc (Zn)	ND	ND	ND	ND	ND	100	46000



Test Report

Number: SHAH01914078

Tests Conducted

Element	Result (mg/kg)					Reporting Limit (mg/kg)	Limit (mg/kg)
	(11)	(12)	(13)	(14)	(15)		
Aluminium (Al)	ND	ND	ND	ND	ND	300	28130
Antimony (Sb)	ND	ND	ND	ND	ND	10	560
Arsenic (As)	ND	ND	ND	ND	ND	10	47
Barium (Ba)	ND	ND	ND	ND	ND	10	18750
Boron (B)	ND	ND	ND	ND	ND	50	15000
Cadmium (Cd)	ND	ND	ND	ND	ND	5	17
Chromium (III) (Cr III) ⁺⁺	ND	ND	ND	ND	ND	10	460
Chromium (VI) (Cr VI) ⁺⁺	ND	ND	ND	ND	ND	0.025	0.053
Cobalt (Co)	ND	ND	ND	ND	ND	10	130
Copper (Cu)	ND	ND	ND	ND	ND	10	7700
Lead (Pb)	ND	ND	ND	ND	ND	10	23
Manganese (Mn)	ND	ND	ND	ND	ND	10	15000
Mercury (Hg)	ND	ND	ND	ND	ND	10	94
Nickel (Ni)	ND	ND	ND	ND	ND	10	930
Selenium (Se)	ND	ND	ND	ND	ND	10	460
Strontium (Sr)	ND	ND	ND	ND	ND	100	56000
Tin (Sn)	ND	ND	ND	ND	ND	2.5	180000
Organic tin ⁺⁺	ND	ND	ND	ND	ND	5	12
Zinc (Zn)	ND	ND	ND	ND	ND	100	46000



Test Report

Number: SHAH01914078

Tests Conducted

Element	Result (mg/kg)					Reporting Limit (mg/kg)	Limit (mg/kg)
	(16)	(17)	(18)	(19)	(20)		
Aluminium (Al)	ND	ND	ND	ND	ND	300	28130
Antimony (Sb)	ND	ND	ND	ND	ND	10	560
Arsenic (As)	ND	ND	ND	ND	ND	10	47
Barium (Ba)	ND	ND	ND	ND	ND	10	18750
Boron (B)	ND	ND	ND	ND	ND	50	15000
Cadmium (Cd)	ND	ND	ND	ND	ND	5	17
Chromium (III) (Cr III) ⁺⁺	ND	ND	ND	ND	ND	10	460
Chromium (VI) (Cr VI) ⁺⁺	ND	ND	ND#	ND	ND	0.025	0.053
Cobalt (Co)	ND	ND	ND	ND	ND	10	130
Copper (Cu)	ND	ND	ND	ND	ND	10	7700
Lead (Pb)	ND	ND	ND	ND	ND	10	23
Manganese (Mn)	ND	ND	ND	ND	ND	10	15000
Mercury (Hg)	ND	ND	ND	ND	ND	10	94
Nickel (Ni)	ND	ND	ND	ND	ND	10	930
Selenium (Se)	ND	ND	ND	ND	ND	10	460
Strontium (Sr)	ND	ND	ND	ND	ND	100	56000
Tin (Sn)	ND	ND	ND	ND	ND	2.5	180000
Organic tin ⁺⁺	ND	ND	ND	ND	ND	5	12
Zinc (Zn)	ND	ND	ND	ND	ND	100	46000



Test Report

Number: SHAH01914078

Tests Conducted

Element	Result (mg/kg)					Reporting Limit (mg/kg)	Limit (mg/kg)
	(21)	(22)	(23)	(24)	(25)		
Aluminium (Al)	ND	ND	ND	ND	ND	300	28130
Antimony (Sb)	ND	ND	ND	ND	ND	10	560
Arsenic (As)	ND	ND	ND	ND	ND	10	47
Barium (Ba)	ND	ND	ND	ND	ND	10	18750
Boron (B)	ND	ND	ND	ND	ND	50	15000
Cadmium (Cd)	ND	ND	ND	ND	ND	5	17
Chromium (III) (Cr III) ⁺⁺	ND	ND	ND	ND	ND	10	460
Chromium (VI) (Cr VI) ⁺⁺	ND	ND	ND	ND	ND	0.025	0.053
Cobalt (Co)	ND	ND	ND	ND	ND	10	130
Copper (Cu)	ND	ND	ND	ND	ND	10	7700
Lead (Pb)	ND	ND	ND	ND	ND	10	23
Manganese (Mn)	ND	ND	ND	ND	ND	10	15000
Mercury (Hg)	ND	ND	ND	ND	ND	10	94
Nickel (Ni)	ND	ND	ND	ND	ND	10	930
Selenium (Se)	ND	ND	ND	ND	ND	10	460
Strontium (Sr)	ND	ND	ND	ND	ND	100	56000
Tin (Sn)	ND	ND	ND	ND	ND	2.5	180000
Organic tin ⁺⁺	ND	ND	ND	ND	ND	5	12
Zinc (Zn)	ND	ND	ND	ND	ND	100	46000



Test Report

Number: SHAH01914078

Tests Conducted

Element	Result (mg/kg)					Reporting Limit (mg/kg)	Limit (mg/kg)
	(26)	(27)	(28)	(29)	(30)		
Aluminium (Al)	ND	ND	ND	ND	ND	300	28130
Antimony (Sb)	ND	ND	ND	ND	ND	10	560
Arsenic (As)	ND	ND	ND	ND	ND	10	47
Barium (Ba)	ND	ND	ND	ND	ND	10	18750
Boron (B)	ND	ND	ND	ND	ND	50	15000
Cadmium (Cd)	ND	ND	ND	ND	ND	5	17
Chromium (III) (Cr III) ⁺⁺	ND	ND	ND	ND	ND	10	460
Chromium (VI) (Cr VI) ⁺⁺	ND	ND	ND#	ND#	ND	0.025	0.053
Cobalt (Co)	ND	ND	ND	ND	ND	10	130
Copper (Cu)	ND	ND	14	ND	ND	10	7700
Lead (Pb)	ND	ND	ND	ND	ND	10	23
Manganese (Mn)	ND	ND	ND	ND	ND	10	15000
Mercury (Hg)	ND	ND	ND	ND	ND	10	94
Nickel (Ni)	ND	ND	ND	ND	ND	10	930
Selenium (Se)	ND	ND	ND	ND	ND	10	460
Strontium (Sr)	ND	ND	ND	ND	ND	100	56000
Tin (Sn)	ND	ND	ND	19.1	ND	2.5	180000
Organic tin ⁺⁺	ND	ND	ND	NDΔ	ND	5	12
Zinc (Zn)	ND	ND	ND	ND	ND	100	46000



Test Report

Number: SHAH01914078

Tests Conducted

Element	Result (mg/kg)					Reporting Limit (mg/kg)	Limit (mg/kg)
	(31)	(32)	(49)	(50)	(51)		
Aluminium (Al)	ND	ND	ND	ND	ND	300	28130
Antimony (Sb)	ND	ND	ND	ND	ND	10	560
Arsenic (As)	ND	ND	ND	ND	ND	10	47
Barium (Ba)	ND	ND	ND	ND	ND	10	18750
Boron (B)	ND	ND	ND	ND	ND	50	15000
Cadmium (Cd)	ND	ND	ND	ND	ND	5	17
Chromium (III) (Cr III) ⁺⁺	ND	ND	ND	ND	ND	10	460
Chromium (VI) (Cr VI) ⁺⁺	ND	ND	ND	ND	ND	0.025	0.053
Cobalt (Co)	ND	ND	ND	ND	ND	10	130
Copper (Cu)	ND	ND	ND	ND	ND	10	7700
Lead (Pb)	ND	ND	ND	ND	ND	10	23
Manganese (Mn)	ND	ND	ND	ND	ND	10	15000
Mercury (Hg)	ND	ND	ND	ND	ND	10	94
Nickel (Ni)	ND	ND	ND	ND	ND	10	930
Selenium (Se)	ND	ND	ND	ND	ND	10	460
Strontium (Sr)	ND	ND	ND	ND	ND	100	56000
Tin (Sn)	ND	ND	ND	ND	ND	2.5	180000
Organic tin ⁺⁺	ND	ND	ND	ND	ND	5	12
Zinc (Zn)	ND	ND	ND	ND	ND	100	46000



Test Report

Number: SHAH01914078

Tests Conducted

Element	Result (mg/kg)						Reporting Limit (mg/kg)	Limit (mg/kg)
	(52)	(53)	(54)	(55)	(56)	(57)		
Aluminium (Al)	ND	ND	ND	ND	ND	ND	300	28130
Antimony (Sb)	ND	ND	ND	ND	ND	ND	10	560
Arsenic (As)	ND	ND	ND	ND	ND	ND	10	47
Barium (Ba)	ND	ND	ND	ND	ND	ND	10	18750
Boron (B)	ND	ND	ND	ND	ND	ND	50	15000
Cadmium (Cd)	ND	ND	ND	ND	ND	ND	5	17
Chromium (III) (Cr III) ⁺⁺	ND	ND	ND	ND	ND	ND	10	460
Chromium (VI) (Cr VI) ⁺⁺	ND	ND	ND	ND	ND	ND	0.025	0.053
Cobalt (Co)	ND	ND	ND	ND	ND	ND	10	130
Copper (Cu)	ND	ND	ND	ND	ND	ND	10	7700
Lead (Pb)	ND	ND	ND	ND	ND	ND	10	23
Manganese (Mn)	ND	ND	ND	ND	ND	ND	10	15000
Mercury (Hg)	ND	ND	ND	ND	ND	ND	10	94
Nickel (Ni)	ND	ND	ND	ND	ND	ND	10	930
Selenium (Se)	ND	ND	ND	ND	ND	ND	10	460
Strontium (Sr)	ND	ND	ND	ND	ND	ND	100	56000
Tin (Sn)	ND	ND	ND	ND	ND	ND	2.5	180000
Organic tin ⁺⁺	ND	ND	ND	ND	ND	ND	5	12
Zinc (Zn)	ND	ND	ND	ND	ND	ND	100	46000

Remark: mg/kg = milligram per kilogram
 ++ = Unless the test results were marked with "#" or "Δ", Chromium (III) & Chromium (VI) and Organic tin contents were not directly determined and were derived from migration results of total chromium and tin respectively.
 - Organic tin test result was expressed as tributyl tin.
 ND = Not detected (less than detection limit)
 # = Confirmation of Chromium (VI) test was performed on the tested component. And the reported value of migration of Chromium (III) = migration value of total Chromium – migration value of Chromium(VI).
 Δ = Confirmation test was performed on the tested component. The reported value was the sum of the migration values of Dimethyl tin, Methyl tin, Butyl tin, Dibutyl tin, Tributyl tin, Tetra-butyl tin, n-Octyl tin, Di-n-octyl tin, Di-n-propyl tin, Diphenyl tin and Triphenyl tin after converted to Tributyl tin by calculation. Other Organic tin compounds may be also be present in sample as stated in BS EN 71-3: 2019+A2: 2024.

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



Test Report

Number: SHAH01914078

Tests Conducted

(B) Categories of various toy materials

Category I: Dry, brittle, powder like or pliable

Solid toy material from which powder-like material is released during playing and semi-solid materials that may also leave residues on the hands during play. The material can be ingested. Contamination of the hands with the material may contribute to the oral exposure of the material. (e.g. the cores of colouring pencils, chalk, crayons, modelling clays and plaster).

Category II: Liquid or sticky

Fluid or viscous toy material, which can be ingested or to which dermal exposure may occur during playing. (e.g. liquid paints, finger paints, liquid ink in pens, glue sticks, slimes, bubble solution).

Category III: Scraped-off

Solid toy material with or without a coating, which can be ingested as a result of biting, tooth scraping, sucking or licking. (e.g. coatings, lacquers, plastics, paper, textiles, glass, ceramic, metallic, wooden, bone, leather and other materials).

Date Sample Received: 06 Jan, 2026 & 16 Jan, 2026

Testing Period: 06 Jan, 2026 To 02 Mar, 2026



Test Report

Number: SHAH01914078

Tests Conducted

Photo



Test Report

Number: SHAH01914078

Tests Conducted

The Photos Were Submitted By The Client, Not Tested, Only For Reference.





Test Report

Number: SHAH01914078

Tests Conducted



Components List:

- (1) Black coating on metal(handlebar stem, wheel frame).
- (2) Red coating on metal(spring of rear wheel).
- (3) White adhesive plastic film with multi-color printing(sticker on body).
- (4) Black plastic(body).
- (5) Black plastic(front fence).
- (6) Transparent plastic(front light).
- (7) Black plastic(rearview mirror).
- (8) Black plastic(button base).
- (9) Black plastic(music player button).
- (10) Black plastic(handlebar stud).
- (11) Black plastic(handlebar).
- (12) Black plastic(seat).
- (13) Black plastic(lazyback).
- (14) Grey plastic(accelerator pedal).
- (15) Black plastic(wheel).
- (16) Black plastic(middle of wheel).
- (17) Black plastic(chassis).
- (18) Transparent soft plastic film(spring cover).

Test Report

Number: SHAH01914078

Tests Conducted

- (19) Black plastic(connection part between wheel and chassis).
- (20) Red plastic(spring of front wheel).
- (21) Black plastic(on DC barrel charger plug).
- (22) Black plastic(charger body).
- (23) Black soft plastic(charger wire end).
- (24) Red plastic with white printing(button).
- (25) Red translucent plastic with white printing(switch of body).
- (26) Green translucent plastic with white printing(switch of body).
- (27) Transparent plastic with black, white printing(music player).
- (28) Black soft plastic with white printing(charger wire covering).
- (29) Black soft plastic with white printing(heat shrink tubing).
- (30) Red soft plastic with black printing(wire covering).
- (31) Black soft plastic with white printing(wire covering).
- (32) White glue(under car head).
- (33) Black plastic(connection).
- (34) Black soft plastic with white printing(wire protect).
- (35) Yellow soft plastic with black printing(wire covering).
- (36) Blue soft plastic with black printing(wire covering).
- (37) Green soft plastic with black printing(wire covering).
- (38) Pink soft plastic with black printing(wire covering).
- (39) Silver metal excluding coating(handlebar stem).
- (40) Silver metal(gasket).
- (41) Black metal(screw).
- (42) Silver metal excluding coating(wheel frame).
- (43) Silver metal(nut).
- (44) Silver metal excluding coating(spring of rear wheel).
- (45) Silver metal(spring pole of rear wheel).
- (46) Silver metal(adjusting screw nut on spring pole).
- (47) Silver metal(DC charger plug).
- (48) Silver metal(two-pin plug).
- (49) Rose red plastic(differential part).
- (50) Blue plastic(differential part).
- (51) Purple plastic(differential part).
- (52) Red plastic(differential part).
- (53) Black plastic(differential part).
- (54) Green plastic(differential part).
- (55) White plastic(differential part).
- (56) Dark rose red plastic(differential part).
- (57) Dark green plastic(differential part).

End Of Report

The statements of conformity reported have considered the decision rule agreed, namely that Intertek have taken account of measurement uncertainty as calculated by Intertek, and applied according to ILAC-G8/09:2019 (Non-binary acceptance based on guard band $w = U$) except designation from the customer, regulation or test specification. This decision rule only applies to the numeric test results.

The sample(s) and sample information hereto are provided by the client who shall be solely responsible for the authenticity and integrity thereof. The results shown in this report relate only to the sample(s) received and tested. It is not intended to be a recommendation for any particular course of action. Intertek does not accept a duty of care or any other responsibility to any person other than the Client in respect of this report and only accepts liability to the Client insofar as is expressly contained in the terms and conditions governing Intertek's provision of services to you. Intertek makes no warranties or representations either express or implied with respect to this report save as provided for in those terms and conditions. We have aimed to conduct the review on a diligent and careful basis and we do not accept any liability to you for any loss arising out of or in connection with this report, in contract, tort, by statute or otherwise, except in the event of our gross negligence or wilful misconduct. This report shall not be reproduced unless with prior written approval from Intertek Testing Services Wuxi Ltd.

