

Test Report

Number: SHAH01673407S1

Applicant: JIAXING HUIPENG INDUSTRIAL CO.LTD
INDUSTRIAL ZONE,QUANTANG TOWN,
PINGHU CITY

Date: 20 Aug, 2024

*This Is To Supersede Report No.
SHAH01673407 Dated Jul 09, 2024*

Sample Description:

One (1) piece of submitted sample said to be :
Item Name : Children Car.
Item No. : HP-012.
Labelled Age Group : 3 Years+.
Packaging Provided By Applicant : Yes.
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



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Conclusion:

<u>Tested Samples</u>	<u>Standard</u>	<u>Result</u>
Submitted Sample set	U.S. ASTM F963-23 Physical and Mechanical Tests. Excluding section 4.25, 5.14, 6.5, 6.6, 6.9 and 7.2	Pass
Submitted Sample set	U.S. ASTM F963-23 Flammability Test of Materials other than Textile Materials	Pass
Tested Components of Submitted Samples	U.S. ASTM F963-17 section 4.3.5.2(2)(a)(b) for heavy metal elements test on non-surface coating materials	Pass
Tested Components of Submitted Samples	U.S. ASTM F963-17 for heavy metal elements test on surface coating material	Pass
Tested Components of Submitted Sample	U.S. ASTM F963-23 section 4.3.5.2(2)(a)(b) for heavy metal elements test on non-surface coating materials	Pass
Tested Components of Submitted Sample	U.S. ASTM F963-23 for heavy metal elements test on surface coating material	Pass
Tested Components of Submitted Sample	U.S. ASTM F963-17 for total Lead content in non-surface coating materials	Pass
Tested Components of Submitted Sample	U.S. ASTM F963-17 for total Lead content in surface coating	Pass
Tested Components of Submitted Samples	U.S. ASTM F963-23 for total Lead content in surface coating	Pass
Tested Components of Submitted Samples	U.S. ASTM F963-23 for total Lead content in non-surface coating materials	Pass
Tested Components of Submitted Samples	ASTM F963-23 section 4.3.8 on Phthalates content	Pass

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Conclusion:

<u>Tested Samples</u>	<u>Standard</u>	<u>Result</u>
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	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	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
Submitted Sample set	U.S. CFR Title 16 (CPSC Regulations) for Mechanical and Physical Tests	
	1500.48 Sharp Point	Pass
	1500.49 Sharp Edge	Pass
	1501 Small parts	Not Applicable
Submitted Sample set	U.S. CFR Title 16 (CPSC Regulations) for Part 1500.3(c)(6)(vi) Flammability Test On Rigid and Pliable Solids	Pass
Tested Components of Submitted Samples	U.S. CFR title 16(CPSC regulations) for Part 1303 total Lead content	Pass
Tested Components of Submitted Samples	California Proposition 65 for Toys ,Consent judgment No. BG-220969 - Phthalate content	Pass
Tested Components of Submitted Samples	California Proposition 65 for toys, Consent Judgement No. RG-226892 ---Total Lead Content	Pass
Tested Components of Submitted Samples	Illinois Lead Poisoning Prevention Act 410 ILCS 45 section 6 (Public Act 095-1019)	Pass
Submitted Sample set	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	Pass
Submitted Sample set	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

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Conclusion:

<u>Tested Samples</u>	<u>Standard</u>	<u>Result</u>
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 Toys Regulation SOR/2011-17 Section 27(3)(a) for accessible plastic material in toys for children under 3 years of age	Not Applicable
Tested Components of Submitted Samples	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 test on products with applied stickers, films or surface coating materials	Pass
Tested Components of Submitted Samples	Phthalates content requirement in Canada Consumer Product Safety Act Phthalates Regulation SOR/2016-188	Pass
Submitted Sample set	Australian / New Zealand Standard AS/NZS ISO 8124.1:2023 Safety Aspects Related to Mechanical And Physical Properties	Pass
Submitted Sample set	Australian / New Zealand Standard on Safety of Toys AS/NZS ISO 8124.2:2023 flammability test	Pass
Tested Components of Submitted Samples	AS/NZS ISO 8124.3:2021+Amd 1:2023 on migration of certain elements	Pass
Tested Components of Submitted Samples	Australian Consumer Protection Notice No. 1 of 2009 for lead and certain elements in children`s toys	Pass
	New Zealand Unsafe Goods (Lead in children's toys) Notice 2009 for lead in children`s toys	Pass
Tested Components of Submitted Samples	Australian Competition and Consumer Act 2010 with Consumer Protection Notice No. 11, 2011 - Permanent ban on children's products with Diethylhexyl Phthalate (DEHP)	Pass

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Tests Conducted

1. Physical and Mechanical Tests

Test standard: ASTM Standard Consumer Safety Specification for Toy Safety F963-23.

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>
Impact test	Section 1500.53(b)	4 x 3.0 ft
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.		

Section	Requirement	Result
4.1	Material Quality (Visual check on cleanliness)	P
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 children at least 36 months but less than 72 months (Small part warning)	NA
4.7	Accessible edges	P
4.8	Projections	P
4.9	Accessible points	P
4.10	Wires or rods	NA
4.11	Nails and fasteners	P
4.12	Plastic film	NA
4.13	Folding mechanisms and hinges	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



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Section	Requirement	Result
4.18	Holes, clearance, and accessibility of mechanisms	P
4.19	Simulated protective devices (such as helmets, hats and goggles)	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	NR#
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
4.22	Pompoms	NA
4.36	Hemispheric-shaped objects	NA
4.37	Yoyo elastic tether toys	NA
4.38	Magnets	NA
4.39	Jaw entrapment in handles and steering wheels	NA
4.40	Expanding materials	NA
4.41	Toy chests	NA
5	Labelling requirement	P#
5.1.2	Tracking label on product and packaging	P
6	Instructional literature	P#
7	Producer's markings	
7.1	Name and Address of producer/distributor	Yes



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Section	Requirement	Result
7.2	Battery-Powered Ride-on Toy	NR#
7.3	Toy chests	
7.3.1	Name and address of manufacturer/distributor/seller	NA
7.3.2	Code mark	NA

Abbreviation: P = Pass NA= Not Applicable NR=Not Requested

Remark:

= As applicant's request, section 4.25, 5.14, 6.5, 6.6, 6.9 and 7.2 were not assessed.

Date sample received: 01 Apr, 2024

Testing period: 01 Apr, 2024 To 01 Jul, 2024

2. 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.

Date sample received: 01 Apr, 2024

Testing period: 01 Apr, 2024 To 13 Jun, 2024



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Tests Conducted

3. Heavy Metal Elements Analysis in Non-Surface Coating Materials (Substrate Except Modelling Clay)

As per section 4.3.5.2(2)(a)(b) of the ASTM standard consumer safety specification on toy safety F963-17, CPSC-CH-E1002-08.3 / CPSC-CH-E1001-08.3 and acid extraction method were used and heavy metal elements migration content were determined by Inductively Coupled Argon Plasma Spectrometry.

Test Item	Result (ppm)							Reporting Limit (ppm)	Limit (ppm)
	(1)	(2)	(3)	(4)	(5)	(6)	(7)		
Sol. Barium (Ba)	ND	ND	ND	ND	ND	ND	ND	5	1000
Sol. Lead (Pb)	ND	ND	ND	ND	ND	ND	ND	5	90
Sol. Cadmium (Cd)	ND	ND	ND	ND	ND	ND	ND	5	75
Sol. Antimony (Sb)	ND	ND	ND	ND	ND	ND	ND	5	60
Sol. Selenium (Se)	ND	ND	ND	ND	ND	ND	ND	5	500
Sol. Chromium (Cr)	ND	ND	ND	ND	ND	ND	ND	5	60
Sol. Mercury (Hg)	ND	ND	ND	ND	ND	ND	ND	5	60
Sol. Arsenic (As)	ND	ND	ND	ND	ND	ND	ND	2.5	25

Test Item	Result (ppm)							Reporting Limit (ppm)	Limit (ppm)
	(8)	(9)	(10)	(11)	(12)	(13)	(14)		
Sol. Barium (Ba)	ND	ND	ND	ND	ND	ND	ND	5	1000
Sol. Lead (Pb)	ND	ND	ND	ND	ND	ND	ND	5	90
Sol. Cadmium (Cd)	ND	ND	ND	ND	ND	ND	ND	5	75
Sol. Antimony (Sb)	ND	ND	ND	ND	ND	ND	ND	5	60
Sol. Selenium (Se)	ND	ND	ND	ND	ND	ND	ND	5	500
Sol. Chromium (Cr)	ND	ND	ND	ND	ND	ND	ND	5	60
Sol. Mercury (Hg)	ND	ND	ND	ND	ND	ND	ND	5	60
Sol. Arsenic (As)	ND	ND	ND	ND	ND	ND	ND	2.5	25

Test Item	Result (ppm)							Reporting Limit (ppm)	Limit (ppm)
	(15)	(16)	(18)	(19)	(20)	(21)	(23)		
Sol. Barium (Ba)	ND	ND	ND	ND	ND	ND	ND	5	1000
Sol. Lead (Pb)	ND	ND	ND	ND	ND	ND	ND	5	90
Sol. Cadmium (Cd)	ND	ND	ND	ND	ND	ND	ND	5	75
Sol. Antimony (Sb)	ND	ND	ND	ND	ND	ND	ND	5	60
Sol. Selenium (Se)	ND	ND	ND	ND	ND	ND	ND	5	500
Sol. Chromium (Cr)	ND	ND	ND	ND	ND	ND	ND	5	60
Sol. Mercury (Hg)	ND	ND	ND	ND	ND	ND	ND	5	60
Sol. Arsenic (As)	ND	ND	ND	ND	ND	ND	ND	2.5	25



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Test Item	Result (ppm)							Reporting Limit (ppm)	Limit (ppm)
	(24)	(25)	(26)	(27)	(28)	(29)	(30)		
Sol. Barium (Ba)	ND	ND	ND	ND	ND	ND	ND	5	1000
Sol. Lead (Pb)	ND	ND	ND	ND	ND	ND	ND	5	90
Sol. Cadmium (Cd)	ND	ND	ND	ND	ND	ND	ND	5	75
Sol. Antimony (Sb)	ND	ND	ND	ND	ND	ND	ND	5	60
Sol. Selenium (Se)	ND	ND	ND	ND	ND	ND	ND	5	500
Sol. Chromium (Cr)	ND	ND	ND	ND	ND	ND	ND	5	60
Sol. Mercury (Hg)	ND	ND	ND	ND	ND	ND	ND	5	60
Sol. Arsenic (As)	ND	ND	ND	ND	ND	ND	ND	2.5	25

Test Item	Result (ppm)							Reporting Limit (ppm)	Limit (ppm)
	(31)	(32)	(33)	(34)	(22)	(35)	(36)		
Sol. Barium (Ba)	ND	ND	ND	ND	ND	ND	ND	5	1000
Sol. Lead (Pb)	ND	ND	ND	ND	ND	ND	ND	5	90
Sol. Cadmium (Cd)	ND	ND	ND	ND	ND	ND	ND	5	75
Sol. Antimony (Sb)	ND	ND	ND	ND	ND	ND	ND	5	60
Sol. Selenium (Se)	ND	ND	ND	ND	ND	ND	ND	5	500
Sol. Chromium (Cr)	ND	ND	ND	ND	ND	ND	ND	5	60
Sol. Mercury (Hg)	ND	ND	ND	ND	ND	ND	ND	5	60
Sol. Arsenic (As)	ND	ND	ND	ND	ND	ND	ND	2.5	25

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

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

Date sample received: 01 Apr, 2024 ;14 Aug, 2024

Testing period: 01 Apr, 2024 To 09 Jul, 2024 ; 14 Aug, 2024 To 20 Aug, 2024



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Tests Conducted

4. Heavy Metal Elements Analysis (Surface Coating)

As per section 4.3.5.1 of the ASTM standard consumer safety specification on toy safety F963-17, CPSC-CH-E1003-09.1 and extraction methods were used and heavy metal elements content were determined by Inductively Coupled Argon Plasma Spectrometry.

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

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

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

Date sample received: 01 Apr, 2024

Testing period: 01 Apr, 2024 To 09 Jul, 2024



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Tests Conducted

5. Heavy Metal Elements Analysis in Non-Surface Coating Materials (Substrate Except Modelling Clay)

As per section 4.3.5.2(2)(a)(b) of the ASTM standard consumer safety specification on toy safety F963-23, CPSC-CH-1002-08.3 / CPSC-CH-E1001-08.3 and acid extraction method were used and heavy metal elements migration content were determined by Inductively Coupled Argon Plasma Spectrometry.

Test Item	Result (ppm)							Reporting Limit (ppm)	Limit (ppm)
	(1)	(2)	(3)	(4)	(5)	(6)	(7)		
Sol. Barium (Ba)	ND	ND	ND	ND	ND	ND	ND	5	1000
Sol. Lead (Pb)	ND	ND	ND	ND	ND	ND	ND	5	90
Sol. Cadmium (Cd)	ND	ND	ND	ND	ND	ND	ND	5	75
Sol. Antimony (Sb)	ND	ND	ND	ND	ND	ND	ND	5	60
Sol. Selenium (Se)	ND	ND	ND	ND	ND	ND	ND	5	500
Sol. Chromium (Cr)	ND	ND	ND	ND	ND	ND	ND	5	60
Sol. Mercury (Hg)	ND	ND	ND	ND	ND	ND	ND	5	60
Sol. Arsenic (As)	ND	ND	ND	ND	ND	ND	ND	2.5	25

Test Item	Result (ppm)							Reporting Limit (ppm)	Limit (ppm)
	(8)	(9)	(10)	(11)	(12)	(13)	(14)		
Sol. Barium (Ba)	ND	ND	ND	ND	ND	ND	ND	5	1000
Sol. Lead (Pb)	ND	ND	ND	ND	ND	ND	ND	5	90
Sol. Cadmium (Cd)	ND	ND	ND	ND	ND	ND	ND	5	75
Sol. Antimony (Sb)	ND	ND	ND	ND	ND	ND	ND	5	60
Sol. Selenium (Se)	ND	ND	ND	ND	ND	ND	ND	5	500
Sol. Chromium (Cr)	ND	ND	ND	ND	ND	ND	ND	5	60
Sol. Mercury (Hg)	ND	ND	ND	ND	ND	ND	ND	5	60
Sol. Arsenic (As)	ND	ND	ND	ND	ND	ND	ND	2.5	25

Test Item	Result (ppm)							Reporting Limit (ppm)	Limit (ppm)
	(15)	(16)	(18)	(19)	(20)	(21)	(23)		
Sol. Barium (Ba)	ND	ND	ND	ND	ND	ND	ND	5	1000
Sol. Lead (Pb)	ND	ND	ND	ND	ND	ND	ND	5	90
Sol. Cadmium (Cd)	ND	ND	ND	ND	ND	ND	ND	5	75
Sol. Antimony (Sb)	ND	ND	ND	ND	ND	ND	ND	5	60
Sol. Selenium (Se)	ND	ND	ND	ND	ND	ND	ND	5	500
Sol. Chromium (Cr)	ND	ND	ND	ND	ND	ND	ND	5	60
Sol. Mercury (Hg)	ND	ND	ND	ND	ND	ND	ND	5	60
Sol. Arsenic (As)	ND	ND	ND	ND	ND	ND	ND	2.5	25



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Test Item	Result (ppm)							Reporting Limit (ppm)	Limit (ppm)
	(24)	(25)	(26)	(27)	(28)	(29)	(30)		
Sol. Barium (Ba)	ND	ND	ND	ND	ND	ND	ND	5	1000
Sol. Lead (Pb)	ND	ND	ND	ND	ND	ND	ND	5	90
Sol. Cadmium (Cd)	ND	ND	ND	ND	ND	ND	ND	5	75
Sol. Antimony (Sb)	ND	ND	ND	ND	ND	ND	ND	5	60
Sol. Selenium (Se)	ND	ND	ND	ND	ND	ND	ND	5	500
Sol. Chromium (Cr)	ND	ND	ND	ND	ND	ND	ND	5	60
Sol. Mercury (Hg)	ND	ND	ND	ND	ND	ND	ND	5	60
Sol. Arsenic (As)	ND	ND	ND	ND	ND	ND	ND	2.5	25

Test Item	Result (ppm)							Reporting Limit (ppm)	Limit (ppm)
	(31)	(32)	(33)	(34)	(22)	(35)	(36)		
Sol. Barium (Ba)	ND	ND	ND	ND	ND	ND	ND	5	1000
Sol. Lead (Pb)	ND	ND	ND	ND	ND	ND	ND	5	90
Sol. Cadmium (Cd)	ND	ND	ND	ND	ND	ND	ND	5	75
Sol. Antimony (Sb)	ND	ND	ND	ND	ND	ND	ND	5	60
Sol. Selenium (Se)	ND	ND	ND	ND	ND	ND	ND	5	500
Sol. Chromium (Cr)	ND	ND	ND	ND	ND	ND	ND	5	60
Sol. Mercury (Hg)	ND	ND	ND	ND	ND	ND	ND	5	60
Sol. Arsenic (As)	ND	ND	ND	ND	ND	ND	ND	2.5	25

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

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

Date sample received: 01 Apr, 2024 ;14 Aug, 2024
Testing period: 01 Apr, 2024 To 09 Jul, 2024 ; 14 Aug, 2024 To 20 Aug, 2024



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Tests Conducted

6. Heavy Metal Elements Analysis (Surface Coating)

As per section 4.3.5.1 of the ASTM standard consumer safety specification on toy safety F963-23, CPSC-CH-E1003-09.1 and extraction methods were used and heavy metal elements content were determined by Inductively Coupled Argon Plasma Spectrometry.

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

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

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

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Tests Conducted

7. Total Lead (Pb) Content for Non-surface Coating

As per section 4.3.5 of the ASTM standard consumer safety specification on toy safety F963-17, 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+12+13)	(8+10)	(33)		
Lead(Pb)	ND	ND	17	ND	ND	10	100

Test Item	Result in ppm					Reproting Limit (ppm)	Limit (ppm)
	(1+2+23)	(6+16+18)	(7)	(9+11+21)	(14)		
Lead(Pb)	ND	ND	ND	ND	ND	10	100

Test Item	Result in ppm					Reproting Limit (ppm)	Limit (ppm)
	(15)	(19)	(20)	(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+32)	(31)	(34+22)	(35+36)		
Lead(Pb)	25	ND	ND	ND	ND	10	100

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

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

Date sample received: 01 Apr, 2024 ;14 Aug, 2024

Testing period: 01 Apr, 2024 To 09 Jul, 2024 ; 14 Aug, 2024 To 20 Aug, 2024

8. Total Lead (Pb) Content for Surface Coating

As per section 4.3.5 of the ASTM standard consumer safety specification on toy safety F963-17, 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)
	(17)		
Lead(Pb)	ND	20	90

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

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

Date sample received: 01 Apr, 2024

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Tests Conducted

9. Total Lead (Pb) Content for 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)
	(17)		
Lead(Pb)	ND	20	90

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

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

Date sample received: 01 Apr, 2024
Testing period: 01 Apr, 2024 To 09 Jul, 2024

10. Total Lead (Pb) Content for Non-surface Coating

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+12+13)	(8+10)	(33)		
Lead(Pb)	ND	ND	17	ND	ND	10	100

Test Item	Result in ppm					Reproting Limit (ppm)	Limit (ppm)
	(1+2+23)	(6+16+18)	(7)	(9+11+21)	(14)		
Lead(Pb)	ND	ND	ND	ND	ND	10	100

Test Item	Result in ppm					Reproting Limit (ppm)	Limit (ppm)
	(15)	(19)	(20)	(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+32)	(31)	(34+22)	(35+36)		
Lead(Pb)	25	ND	ND	ND	ND	10	100

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

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

Date sample received: 01 Apr, 2024 ;14 Aug, 2024
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Tests Conducted

11. Phthalates Content (ASTM F963-23)

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

Test item	Result (%)			Detection Limit (%)	Limit (%) (Max.)
	(3)	(4)	(5+12+13)		
Dibutyl phthalate (DBP)	ND	ND	ND	0.01	0.1
Di-(2-ethylhexyl) phthalate (DEHP)	ND	ND	0.02	0.01	0.1
Benzyl butyl phthalate (BBP)	ND	ND	ND	0.01	0.1
Diisononyl phthalate (DINP)	ND	ND	ND	0.01	0.1
Diisobutyl phthalate (DIBP)	ND	ND	ND	0.01	0.1
Di-n-pentyl phthalate (DPENP)	ND	ND	ND	0.01	0.1
Di-n-hexyl phthalate (DHEXP)	ND	ND	ND	0.01	0.1
Dicyclohexyl phthalate (DCHP)	ND	ND	ND	0.01	0.1

Test item	Result (%)			Detection Limit (%)	Limit (%) (Max.)
	(8+10)	(33)	(1+2+23)		
Dibutyl phthalate (DBP)	ND	ND	ND	0.01	0.1
Di-(2-ethylhexyl) phthalate (DEHP)	ND	ND	ND	0.01	0.1
Benzyl butyl phthalate (BBP)	ND	ND	ND	0.01	0.1
Diisononyl phthalate (DINP)	ND	ND	ND	0.01	0.1
Diisobutyl phthalate (DIBP)	ND	ND	ND	0.01	0.1
Di-n-pentyl phthalate (DPENP)	ND	ND	ND	0.01	0.1
Di-n-hexyl phthalate (DHEXP)	ND	ND	ND	0.01	0.1
Dicyclohexyl phthalate (DCHP)	ND	ND	ND	0.01	0.1

Test item	Result (%)			Detection Limit (%)	Limit (%) (Max.)
	(6+16+18)	(7)	(9+11+21)		
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



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Test item	Result (%)			Detection Limit (%)	Limit (%) (Max.)
	(14+30+32)	(15)	(19)		
Dibutyl phthalate (DBP)	ND	ND	ND	0.01	0.1
Di-(2-ethylhexyl) phthalate (DEHP)	ND	ND	ND	0.01	0.1
Benzyl butyl phthalate (BBP)	ND	ND	ND	0.01	0.1
Diisononyl phthalate (DINP)	ND	ND	ND	0.01	0.1
Diisobutyl phthalate (DIBP)	ND	ND	ND	0.01	0.1
Di-n-pentyl phthalate (DPENP)	ND	ND	ND	0.01	0.1
Di-n-hexyl phthalate (DHEXP)	ND	ND	ND	0.01	0.1
Dicyclohexyl phthalate (DCHP)	ND	ND	ND	0.01	0.1

Test item	Result (%)			Detection Limit (%)	Limit (%) (Max.)
	(20)	(24+25+26)	(27)		
Dibutyl phthalate (DBP)	ND	ND	ND	0.01	0.1
Di-(2-ethylhexyl) phthalate (DEHP)	ND	ND	ND	0.01	0.1
Benzyl butyl phthalate (BBP)	ND	ND	ND	0.01	0.1
Diisononyl phthalate (DINP)	ND	ND	ND	0.01	0.1
Diisobutyl phthalate (DIBP)	ND	ND	ND	0.01	0.1
Di-n-pentyl phthalate (DPENP)	ND	ND	ND	0.01	0.1
Di-n-hexyl phthalate (DHEXP)	ND	ND	ND	0.01	0.1
Dicyclohexyl phthalate (DCHP)	ND	ND	ND	0.01	0.1

Test item	Result (%)		Detection Limit (%)	Limit (%) (Max.)
	(31)	(34+22)		
Dibutyl phthalate (DBP)	ND	ND	0.01	0.1
Di-(2-ethylhexyl) phthalate (DEHP)	ND	ND	0.01	0.1
Benzyl butyl phthalate (BBP)	ND	ND	0.01	0.1
Diisononyl phthalate (DINP)	ND	ND	0.01	0.1
Diisobutyl phthalate (DIBP)	ND	ND	0.01	0.1
Di-n-pentyl phthalate (DPENP)	ND	ND	0.01	0.1
Di-n-hexyl phthalate (DHEXP)	ND	ND	0.01	0.1
Dicyclohexyl phthalate (DCHP)	ND	ND	0.01	0.1



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Tests Conducted

Test item	Result (%)	Detection Limit (%)	Limit (%) (Max.)
	(35+36)		
Dibutyl phthalate (DBP)	ND	0.01	0.1
Di-(2-ethylhexyl) phthalate (DEHP)	ND	0.01	0.1
Benzyl butyl phthalate (BBP)	ND	0.01	0.1
Diisononyl phthalate (DINP)	ND	0.01	0.1
Diisobutyl phthalate (DIBP)	ND	0.01	0.1
Di-n-pentyl phthalate (DPENP)	ND	0.01	0.1
Di-n-hexyl phthalate (DHEXP)	ND	0.01	0.1
Dicyclohexyl phthalate (DCHP)	ND	0.01	0.1

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

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

Date sample received: 01 Apr, 2024 ;14 Aug, 2024

Testing period: 01 Apr, 2024 To 09 Jul, 2024 ; 14 Aug, 2024 To 20 Aug, 2024



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Tests Conducted

12. 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+12+13)	17	100
(8+10)	<10	100
(1+2+23)	<10	100
(6+16+18)	<10	100
(7)	<10	100
(9+11+21)	<10	100
(14)	<10	100
(15)	<10	100
(19)	<10	100
(20)	<10	100
(24+25+26)	<10	100
(27)	<10	100
(28+29)	25	100
(30+32)	<10	100
(31)	<10	100
(34+22)	<10	100
(35+36)	<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: 01 Apr, 2024 ;14 Aug, 2024

Testing period: 01 Apr, 2024 To 09 Jul, 2024 ; 14 Aug, 2024 To 20 Aug, 2024



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Tests Conducted

13. 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>
(17)	<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: 01 Apr, 2024

Testing period: 01 Apr, 2024 To 09 Jul, 2024



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Tests Conducted

14. 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>
	(3)	(4)	(5+12+13)	
Dibutyl phthalate (DBP)	ND	ND	ND	0.1
Di-(2-ethylhexyl) phthalate (DEHP)	ND	ND	0.02	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

<u>Test item</u>	<u>Result (%)</u>			<u>Limit (%) (Max.)</u>
	(8+10)	(33)	(1+2+23)	
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

<u>Test item</u>	<u>Result (%)</u>			<u>Limit (%) (Max.)</u>
	(6+16+18)	(7)	(9+11+21)	
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



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Tests Conducted

<u>Test item</u>	<u>Result (%)</u>			<u>Limit (%) (Max.)</u>
	(14+30+32)	(15)	(19)	
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

<u>Test item</u>	<u>Result (%)</u>			<u>Limit (%) (Max.)</u>
	(20)	(24+25+26)	(27)	
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

<u>Test item</u>	<u>Result (%)</u>		<u>Limit (%) (Max.)</u>
	(31)	(34+22)	
Dibutyl phthalate (DBP)	ND	ND	0.1
Di-(2-ethylhexyl) phthalate (DEHP)	ND	ND	0.1
Benzyl butyl phthalate (BBP)	ND	ND	0.1
Diisononyl phthalate (DINP)	ND	ND	0.1
Diisobutyl phthalate (DIBP)	ND	ND	0.1
Di-n-pentyl phthalate (DPENP)	ND	ND	0.1
Di-n-hexyl phthalate (DHEXP)	ND	ND	0.1
Dicyclohexyl phthalate (DCHP)	ND	ND	0.1



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Tests Conducted

<u>Test item</u>	<u>Result (%)</u> (35+36)	<u>Limit (%) (Max.)</u>
Dibutyl phthalate (DBP)	ND	0.1
Di-(2-ethylhexyl) phthalate (DEHP)	ND	0.1
Benzyl butyl phthalate (BBP)	ND	0.1
Diisononyl phthalate (DINP)	ND	0.1
Diisobutyl phthalate (DIBP)	ND	0.1
Di-n-pentyl phthalate (DPENP)	ND	0.1
Di-n-hexyl phthalate (DHEXP)	ND	0.1
Dicyclohexyl phthalate (DCHP)	ND	0.1

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: 01 Apr, 2024 ;14 Aug, 2024

Testing period: 01 Apr, 2024 To 09 Jul, 2024 ; 14 Aug, 2024 To 20 Aug, 2024

15. 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: 01 Apr, 2024

Testing Period: 01 Apr, 2024 To 13 Jun, 2024



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Tests Conducted

16. 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: 01 Apr, 2024

Testing Period: 01 Apr, 2024 To 13 Jun, 2024

17. Total Lead (Pb) Content

As per U.S. Code of Federal Regulations title 16 part 1303, acid digestion method was used and total Lead content was determined by Inductively Coupled Argon Plasma Spectrometry.

<u>Tested component</u>	<u>Result (%)</u>	<u>Limit (%)</u>
(17)	<0.002	0.009

The limit was quoted according to CPSC Regulation CFR title 16 Part 1303 for Lead (Pb) content.

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

Date Sample Received: 01 Apr, 2024

Testing Period: 01 Apr, 2024 To 09 Jul, 2024



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Tests Conducted

18. 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>
	(3)	(4)	(5+12+13)	
Dibutyl phthalate (DBP)	ND	ND	ND	0.1
Diethyl hexyl phthalate (DEHP)	ND	ND	0.02	0.1
Benzyl butyl phthalate (BBP)	ND	ND	ND	0.1
Di-iso-decyl phthalate (DIDP)	ND	ND	0.02	0.1
Di-n-hexyl phthalate (DnHP)	ND	ND	ND	0.1
Diisononyl phthalate (DINP)	ND	ND	ND	--

		<u>Result (% w/w)</u>		<u>Limit (% w/w)</u>
	(8+10)	(33)	(1+2+23)	
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	--

		<u>Result (% w/w)</u>		<u>Limit (% w/w)</u>
	(6+16+18)	(7)	(9+11+21)	
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	--



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Tests Conducted

		<u>Result (% w/w)</u>		<u>Limit (% w/w)</u>
	(14+30+32)	(15)	(19)	
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	--

		<u>Result (% w/w)</u>		<u>Limit (% w/w)</u>
	(20)	(24+25+26)	(27)	
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	--

		<u>Result (% w/w)</u>		<u>Limit (% w/w)</u>
	(31)	(34+22)		
Dibutyl phthalate (DBP)	ND	ND		0.1
Diethyl hexyl phthalate (DEHP)	ND	ND		0.1
Benzyl butyl phthalate (BBP)	ND	ND		0.1
Di-iso-decyl phthalate (DIDP)	ND	ND		0.1
Di-n-hexyl phthalate (DnHP)	ND	ND		0.1
Diisononyl phthalate (DINP)	ND	ND		--

		<u>Result (% w/w)</u>	<u>Limit (% w/w)</u>
	(35+36)		
Dibutyl phthalate (DBP)	ND		0.1
Diethyl hexyl phthalate (DEHP)	ND		0.1
Benzyl butyl phthalate (BBP)	ND		0.1
Di-iso-decyl phthalate (DIDP)	ND		0.1
Di-n-hexyl phthalate (DnHP)	ND		0.1
Diisononyl phthalate (DINP)	ND		--



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Tests Conducted

Remark : The above limit was quoted from the consent judgment No. BG-220969 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: 01 Apr, 2024 ;14 Aug, 2024

Testing period: 01 Apr, 2024 To 09 Jul, 2024 ; 14 Aug, 2024 To 20 Aug, 2024

19. 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>
(17)	<20	90
(3)	<10	100
(4)	<10	100
(5+12+13)	17	100
(8+10)	<10	100
(1+2+23)	<10	100
(6+16+18)	<10	100
(7)	<10	100
(9+11+21)	<10	100
(14)	<10	100
(15)	<10	100
(19)	<10	100
(20)	<10	100
(24+25+26)	<10	100
(27)	<10	100
(28+29)	25	100
(30+32)	<10	100
(31)	<10	100
(34+22)	<10	100
(35+36)	<10	100

The above limit was quoted from the Consent Judgement No. RG-226892 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: 01 Apr, 2024 ;14 Aug, 2024

Testing period: 01 Apr, 2024 To 09 Jul, 2024 ; 14 Aug, 2024 To 20 Aug, 2024



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Number: SHAH01673407S1

Tests Conducted

20. 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>
(17)	<0.002
(3)	<0.001
(4)	<0.001
(5+12+13)	0.0017
(8+10)	<0.001
(1+2+23)	<0.001
(6+16+18)	<0.001
(7)	<0.001
(9+11+21)	<0.001
(14)	<0.001
(15)	<0.001
(19)	<0.001
(20)	<0.001
(24+25+26)	<0.001
(27)	<0.001
(28+29)	0.0025
(30+32)	<0.001
(31)	<0.001
(34+22)	<0.001
(35+36)	<0.001

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: 01 Apr, 2024 ;14 Aug, 2024

Testing period: 01 Apr, 2024 To 09 Jul, 2024 ; 14 Aug, 2024 To 20 Aug, 2024



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Tests Conducted

21. 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	NA
4	Packaging	
	(a) The opening perimeter is less than 14 inches	NA
	(b) The opening perimeter is more than 14 inches	NA
	<u>Electrical hazard</u>	
5	Electrically operated toys	NA
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



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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>	
22	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

Date sample received: 01 Apr, 2024

Testing period: 01 Apr, 2024 To 13 Jun, 2024

22. 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: 01 Apr, 2024

Testing period: 01 Apr, 2024 To 13 Jun, 2024



Test Report

Number: SHAH01673407S1

Tests Conducted

23. 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 F963-17, 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.

<u>Test Item</u>	<u>Result(mg/kg)</u>	<u>Reporting Limit (mg/kg)</u>	<u>Limit (mg/kg)</u>
	(17)		
Tot. Lead (Pb)	ND	10	90
Tot. Mercury (Hg)	ND	0.047	10
Sol. Cadmium (Cd)	ND	5	1000
Sol. Antimony (Sb)	ND	5	1000
Sol. Selenium (Se)	ND	5	1000
Sol. Arsenic (As)	ND	2.5	1000
Sol. Barium (Ba)	ND	5	1000

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

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: 01 Apr, 2024

Testing period: 01 Apr, 2024 To 09 Jul, 2024

24. Toxic Elements Analysis

As per Canada Consumer Product Safety Act Toys Regulation SOR/2011-17 Section 27(3)(a), by acid extraction method was used and toxic elements content were determined by Inductively Coupled Argon Plasma Spectrometry.

	<u>Result (mg/kg)</u>	<u>Limit (mg/kg)</u>
Sol. Barium (Ba)	NA	1000
Sol. Mercury (Hg)	NA	60
Sol. Cadmium (Cd)	NA	75
Sol. Antimony (Sb)	NA	60
Sol. Chromium (Cr)	NA	60
Sol. Selenium (Se)	NA	500
Sol. Arsenic (As)	NA	25

Remark: mg/kg = Milligram per kilogram

Sol. = Soluble

NA = Not Applicable

Date sample received: 01 Apr, 2024

Testing period: 01 Apr, 2024 To 09 Jul, 2024



Test Report

Number: SHAH01673407S1

Tests Conducted

25. Total Lead (Pb) Content

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.

<u>Tested Component</u>	<u>Result (mg/kg)</u>	<u>Limit (mg/kg)</u>
(17)	ND	90
(3)	ND	90
(4)	ND	90
(5+12+13)	17	90
(8+10)	ND	90
(1+2+23)	ND	90
(6+16+18)	ND	90
(7)	ND	90
(9+11+21)	ND	90
(14)	ND	90
(15)	ND	90
(19)	ND	90
(20)	ND	90
(24+25+26)	ND	90
(27)	ND	90
(28+29)	25	90
(30+32)	ND	90
(31)	ND	90
(34+22)	ND	90
(35+36)	ND	90

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

Remark: Reporting Limit = 10 mg/kg for substrate , 20 mg/kg for coating .
ND=Not Detected (Less than reporting limit)

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

Date sample received: 01 Apr, 2024 ;14 Aug, 2024

Testing period: 01 Apr, 2024 To 09 Jul, 2024 ; 14 Aug, 2024 To 20 Aug, 2024



Test Report

Number: SHAH01673407S1

Tests Conducted

26. Total Lead (Pb) Content on Products with Applied Stickers, Films or Surface Coating Materials

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>Tested Component</u>	<u>Result (mg/kg)</u>	<u>Limit (mg/kg)</u>
(17)	<20	90

Remark: mg/kg = Milligram per kilogram

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

Date sample received: 01 Apr, 2024

Testing period: 01 Apr, 2024 To 09 Jul, 2024



Test Report

Number: SHAH01673407S1

Tests Conducted

27. Phthalate Content Test

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

<u>Tested Compound</u>	<u>Result (mg/kg)</u>			<u>Limit(mg/kg)</u> <u>(Max.)</u>
	(3)	(4)	(5+12+13)	
Di-butyl phthalate (DBP)	ND	ND	ND	1000
Di(2-ethyl hexyl) phthalate(DEHP)	ND	ND	181	1000
Benzyl butyl phthalate (BBP)	ND	ND	ND	1000
Di-iso-nonyl phthalate (DINP)	ND	ND	ND	1000
Di-n-octyl phthalate (DNOP)	ND	ND	ND	1000
Di-iso-decyl phthalate (DIDP)	ND	ND	189	1000

<u>Tested Compound</u>	<u>Result (mg/kg)</u>			<u>Limit(mg/kg)</u> <u>(Max.)</u>
	(8+10)	(33)	(1+2+23)	
Di-butyl phthalate (DBP)	ND	ND	ND	1000
Di(2-ethyl hexyl) phthalate(DEHP)	ND	ND	ND	1000
Benzyl butyl phthalate (BBP)	ND	ND	ND	1000
Di-iso-nonyl phthalate (DINP)	ND	ND	ND	1000
Di-n-octyl phthalate (DNOP)	ND	ND	ND	1000
Di-iso-decyl phthalate (DIDP)	ND	ND	ND	1000

<u>Tested Compound</u>	<u>Result (mg/kg)</u>			<u>Limit(mg/kg)</u> <u>(Max.)</u>
	(6+16+18)	(7)	(9+11+21)	
Di-butyl phthalate (DBP)	ND	ND	ND	1000
Di(2-ethyl hexyl) phthalate(DEHP)	ND	ND	ND	1000
Benzyl butyl phthalate (BBP)	ND	ND	ND	1000
Di-iso-nonyl phthalate (DINP)	ND	ND	ND	1000
Di-n-octyl phthalate (DNOP)	ND	ND	ND	1000
Di-iso-decyl phthalate (DIDP)	ND	ND	ND	1000

<u>Tested Compound</u>	<u>Result (mg/kg)</u>			<u>Limit(mg/kg)</u> <u>(Max.)</u>
	(14+30+32)	(15)	(19)	
Di-butyl phthalate (DBP)	ND	ND	ND	1000
Di(2-ethyl hexyl) phthalate(DEHP)	ND	ND	ND	1000
Benzyl butyl phthalate (BBP)	ND	ND	ND	1000
Di-iso-nonyl phthalate (DINP)	ND	ND	ND	1000
Di-n-octyl phthalate (DNOP)	ND	ND	ND	1000
Di-iso-decyl phthalate (DIDP)	ND	ND	ND	1000



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Tests Conducted

<u>Tested Compound</u>	<u>Result (mg/kg)</u>			<u>Limit(mg/kg)</u> <u>(Max.)</u>
	(20)	(24+25+26)	(27)	
Di-butyl phthalate (DBP)	ND	ND	ND	1000
Di(2-ethyl hexyl) phthalate(DEHP)	ND	ND	ND	1000
Benzyl butyl phthalate (BBP)	ND	ND	ND	1000
Di-iso-nonyl phthalate (DINP)	ND	ND	ND	1000
Di-n-octyl phthalate (DNOP)	ND	ND	ND	1000
Di-iso-decyl phthalate (DIDP)	ND	ND	ND	1000

<u>Tested Compound</u>	<u>Result (mg/kg)</u>		<u>Limit(mg/kg)</u> <u>(Max.)</u>
	(31)	(34+22)	
Di-butyl phthalate (DBP)	ND	ND	1000
Di(2-ethyl hexyl) phthalate(DEHP)	ND	ND	1000
Benzyl butyl phthalate (BBP)	ND	ND	1000
Di-iso-nonyl phthalate (DINP)	ND	ND	1000
Di-n-octyl phthalate (DNOP)	ND	ND	1000
Di-iso-decyl phthalate (DIDP)	ND	ND	1000

<u>Tested Compound</u>	<u>Result (mg/kg)</u>	<u>Limit(mg/kg)</u> <u>(Max.)</u>
	(35+36)	
Di-butyl phthalate (DBP)	ND	1000
Di(2-ethyl hexyl) phthalate(DEHP)	ND	1000
Benzyl butyl phthalate (BBP)	ND	1000
Di-iso-nonyl phthalate (DINP)	ND	1000
Di-n-octyl phthalate (DNOP)	ND	1000
Di-iso-decyl phthalate (DIDP)	ND	1000

Remark: 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.
Detection Limit = 100mg/kg
ND = Not Detected

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

Date sample received: 01 Apr, 2024 ;14 Aug, 2024

Testing period: 01 Apr, 2024 To 09 Jul, 2024 ; 14 Aug, 2024 To 20 Aug, 2024



Test Report

Number: SHAH01673407S1

Tests Conducted

28. Physical and Mechanical Tests

As per the Australian / New Zealand Standard AS/NZS ISO 8124.1:2023 Safety Aspects Related to Mechanical and Physical Properties.

Applicant's Specified Age Group for Testing: Over 3 years

The submitted samples were undergone the normal use and the following reasonable foreseeable abuse tests in accordance with the Clause 5.24 of AS/NZS ISO 8124.1:2023 before the assessment of the relevant requirement in Clause 4:

<u>Section</u>	<u>Test</u>	<u>Parameter</u>
5.24.2	Drop test	4x93±5 cm
5.24.3	Tip-over test	3 times
5.24.4	Dynamic strength	--
5.24.5	Torque test	0.45±0.02 Nm
5.24.6	Tension test	70±2 N
5.24.7	Compression test	136±2 N

<u>Section</u>	<u>Testing Items</u>	<u>Assessment</u>
4.1	General	P
4.2	Reasonably foreseeable abuse	P
4.3	Material	P
4.4	Small parts	NA
4.5	Shape, size and strength of certain toys	NA
4.6	Edges	P
4.7	Points	P
4.8	Projections	P
4.9	Metal wires and rods	NA
4.10	Plastic film or plastic bags in packaging and in toys	NA
4.11	Cords	NA
4.12	Folding mechanisms	P
4.13	Holes, clearances and accessibility of mechanisms	P
4.14	Springs	NA
4.15	Stability and overload requirements	P
4.16	Enclosures	NA
4.17	Items that cover the face and simulated protective equipment	NA
4.18	Projectile toys	NA
4.19	Flying toys	NA
4.20	Aquatic toys	NA
4.21	Braking	P



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Tests Conducted

Section	Testing Items	Assessment
4.22	Toy bicycles	NA
4.23	Speed limitation of electrically driven ride-on toys	P
4.24	Toys containing a heat source	NA
4.25	Liquid-filled toys	NA
4.26	Mouth-actuated toys	NA
4.27	Toy roller skates, toy inline skates and toys skateboards	NA
4.28	Percussion caps specifically designed for use in toys	NA
4.29	Acoustic requirements	P
4.30	Toy scooters	NA
4.31	Magnets and magnetic components	NA
4.32	Yo-yo balls	NA
4.33	Straps intended to be worn fully or partially around the neck	NA
4.34	Sledges and toboggans with cords for pulling	NA
4.22	Jaw entrapment in handles and steering wheels	NA
4.36	Assembly	P
4.37	Functional toys	NA
4.38	Toys intended to come into contact with food	NA
4.39	Inflatable toys	NA
Annex B	Safety-labelling guidelines and manufacturer's markings	P
Annex D	Toy gun marking	NA

Date sample received: 01 Apr, 2024

Testing period: 01 Apr, 2024 To 01 Jul, 2024



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Number: SHAH01673407S1

Tests Conducted

29. Flammability Test

Test standard: Australian / New Zealand Standard on Safety of Toys AS/NZS ISO 8124.2:2023

<u>Clause</u>	<u>Testing Items</u>	<u>Assessment</u>
4.1	General	P
4.2	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: 01 Apr, 2024

Testing period: 01 Apr, 2024 To 13 Jun, 2024



Test Report

Number: SHAH01673407S1

Tests Conducted

30. Toxic Elements Analysis (Any Toy Material Except Modelling Clay and Putty, Finger Paint and Slime) (AS/NZS ISO 8124.3:2021+Amd 1:2023)

With reference to AS/NZS ISO 8124.3:2021+Amd 1:2023, acid extraction method was used and toxic elements content were determined by Inductively Coupled Argon Plasma Spectrometry.

Element	Result (mg/kg)					Detection Limit (mg/kg)	Limit (mg/kg)
	(1)	(2)	(3)	(4)	(5)		
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

Element	Result (mg/kg)					Detection Limit (mg/kg)	Limit (mg/kg)
	(6)	(7)	(8)	(9)	(10)		
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

Element	Result (mg/kg)					Detection Limit (mg/kg)	Limit (mg/kg)
	(11)	(12)	(13)	(14)	(15)		
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



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Tests Conducted

Element	Result (mg/kg)					Detection Limit (mg/kg)	Limit (mg/kg)
	(16)	(17)	(18)	(19)	(20)		
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

Element	Result (mg/kg)					Detection Limit (mg/kg)	Limit (mg/kg)
	(21)	(23)	(24)	(25)	(26)		
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

Element	Result (mg/kg)					Detection Limit (mg/kg)	Limit (mg/kg)
	(27)	(28)	(29)	(30)	(31)		
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



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Tests Conducted

Element	Result (mg/kg)						Detection Limit (mg/kg)	Limit (mg/kg)
	(32)	(33)	(34)	(22)	(35)	(36)		
Sol. Barium (Ba)	ND	ND	ND	ND	ND	ND	5	1000
Sol. Lead (Pb)	ND	ND	ND	ND	ND	ND	5	90
Sol. Cadmium (Cd)	ND	ND	ND	ND	ND	ND	5	75
Sol. Antimony (Sb)	ND	ND	ND	ND	ND	ND	5	60
Sol. Selenium (Se)	ND	ND	ND	ND	ND	ND	5	500
Sol. Chromium (Cr)	ND	ND	ND	ND	ND	ND	5	60
Sol. Mercury (Hg)	ND	ND	ND	ND	ND	ND	5	60
Sol. Arsenic (As)	ND	ND	ND	ND	ND	ND	2.5	25

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

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

Date sample received: 01 Apr, 2024 ;14 Aug, 2024
Testing period: 01 Apr, 2024 To 09 Jul, 2024 ; 14 Aug, 2024 To 20 Aug, 2024



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Number: SHAH01673407S1

Tests Conducted

31. Toxic Elements Analysis

As per standard AS/NZS ISO 8124.3: 2003, acid extraction method was used and toxic elements content were determined by Inductively Coupled Argon Plasma Spectrometry.

Element	Result (mg/kg)					Reporting Limit (mg/kg)	Limit (mg/kg)
	(1)	(2)	(3)	(4)	(5)		
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

Element	Result (mg/kg)					Reporting Limit (mg/kg)	Limit (mg/kg)
	(6)	(7)	(8)	(9)	(10)		
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

Element	Result (mg/kg)					Reporting Limit (mg/kg)	Limit (mg/kg)
	(11)	(12)	(13)	(14)	(15)		
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



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Tests Conducted

<u>Element</u>	<u>Result (mg/kg)</u>					<u>Reporting Limit (mg/kg)</u>	<u>Limit (mg/kg)</u>
	(16)	(17)	(18)	(19)	(20)		
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

<u>Element</u>	<u>Result (mg/kg)</u>					<u>Reporting Limit (mg/kg)</u>	<u>Limit (mg/kg)</u>
	(21)	(23)	(24)	(25)	(26)		
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

<u>Element</u>	<u>Result (mg/kg)</u>					<u>Reporting Limit (mg/kg)</u>	<u>Limit (mg/kg)</u>
	(27)	(28)	(29)	(30)	(31)		
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



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Tests Conducted

Element	Result (mg/kg)						Reporting Limit (mg/kg)	Limit (mg/kg)
	(32)	(33)	(34)	(22)	(35)	(36)		
Sol. Barium (Ba)	ND	ND	ND	ND	ND	ND	5	1000
Sol. Lead (Pb)	ND	ND	ND	ND	ND	ND	5	90
Sol. Cadmium (Cd)	ND	ND	ND	ND	ND	ND	5	75
Sol. Antimony (Sb)	ND	ND	ND	ND	ND	ND	5	60
Sol. Selenium (Se)	ND	ND	ND	ND	ND	ND	5	500
Sol. Chromium (Cr)	ND	ND	ND	ND	ND	ND	5	60
Sol. Mercury (Hg)	ND	ND	ND	ND	ND	ND	5	60
Sol. Arsenic (As)	ND	ND	ND	ND	ND	ND	2.5	25

Remark: ND = Not detected (less than reporting limit)
Sol. = Soluble

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

Date sample received: 01 Apr, 2024 ;14 Aug, 2024
Testing period: 01 Apr, 2024 To 09 Jul, 2024 ; 14 Aug, 2024 To 20 Aug, 2024



Test Report

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Tests Conducted

32. Diethylhexyl phthalate (DEHP) Content

With reference to ISO 8124-6:2018, and determined by Gas Chromatographic-Mass Spectrometric (GC-MS) analysis.

<u>Tested Component</u>	<u>Result (%w/w)</u>	<u>Limit(%w/w)</u> <u>(MAX.)</u>
(3)	ND	1
(4)	ND	1
(5+12+13)	0.02	1
(8+10)	ND	1
(33)	ND	1
(1+2+23)	ND	1
(6+16+18)	ND	1
(7)	ND	1
(9+11+21)	ND	1
(14+30+32)	ND	1
(15)	ND	1
(19)	ND	1
(20)	ND	1
(24+25+26)	ND	1
(27)	ND	1
(31)	ND	1
(34+22)	ND	1
(35+36)	ND	1

Remark: The above limit was quoted according to Australian Competition and Consumer Act 2010 with Consumer Protection Notice No. 11, 2011 - Permanent ban on children's products for prohibition on sale of certain products containing specified phthalate.
Detection Limit = 0.01%(w/w)
ND = Not Detected

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

Date sample received: 01 Apr, 2024 ;14 Aug, 2024

Testing period: 01 Apr, 2024 To 09 Jul, 2024 ; 14 Aug, 2024 To 20 Aug, 2024



Test Report

Number: SHAH01673407S1

Tests Conducted

Photo

SHAH01673407S1



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SHAH01673407S1



SHAH01673407S1



Test Report

Number: SHAH01673407S1

Tests Conducted





Test Report

Number: SHAH01673407S1

Tests Conducted

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





Test Report

Number: SHAH01673407S1

Tests Conducted

Tested Components:

- (1) Black Plastic(Body).
- (2) Transparent Plastic(Front Light).
- (3) White Adhesive Paper With Multi-Color Printing With Plastic Film(Sticker On Body).
- (4) Matte Black Plastic(Wheel Cover, Front Fence).
- (5) Deep Grey Plastic(Wheel Hub).
- (6) Black Plastic(Wheel).
- (7) Black Soft Plastic(Wheel Antiskid Part).
- (8) Silver Reflect Plastic(Rearview Mirror).
- (9) Black Plastic(Seat).
- (10) Coffee Transparent Plastic(Front Window).
- (11) Black Plastic(Steering Wheel).
- (12) Red Plastic(Button On Steering Wheel).
- (13) Black Plastic(Instrument Panel).
- (14) Black Plastic(Safety Belt Adjuster).
- (15) Black Webbing(Safety Belt).
- (16) White Plastic(Coupling Of Wheel).
- (17) Black Coating On Metal(Frame).
- (18) Red Transparent Plastic(Tail Light).
- (19) Black Transparent Plastic With White Printing(Button On Instrument Panel).
- (20) Black Plastic With White Printing(Button On Instrument Panel).
- (21) Black Plastic(Button On Instrument Panel).
- (22) Blue Plastic.
- (23) Dull White Plastic(Chassis).
- (24) White Plastic(Remote Control).
- (25) Black Plastic(Button On Remote Control).
- (26) Black Plastic(Charger Battery).
- (27) Black Soft Plastic With White Printing(Charger Wire Covering).
- (28) Silver Metal(Charger Plug).
- (29) Silver Metal Excluding Coating(Frame).
- (30) Pink Plastic.
- (31) White Plastic.
- (32) Red Plastic.
- (33) Yellow Plastic(Remote Control).
- (34) Yellow Plastic.
- (35) Hot Pink Plastic.
- (36) Dark Grey Plastic.

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.



To: JIAXING HUIPENG INDUSTRIAL CO.LTD

Date: 20 Aug, 2024

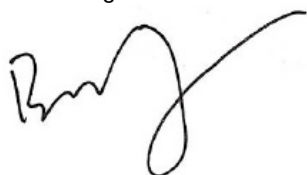
Re: Report Revision Notification

Intertek Testing Services Report Number SHAH01673407 Dated Jul 09, 2024

Please be informed that all the content recorded in the above captioned report will be void. This captioned report is now superseded by a revised Intertek Testing Services Report Number SHAH01673407S1

Thank you for your attention.

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



Bill Zhang
General Manager

