

Test Report

Number: SHAH01744947S1

Applicant: XIAMEN KINGSLEY IMPORT AND EXPORT
CO.,LTD
1,4.ROOM 13,UNIT A,14/F,RAILWAY
BUILDING,NO.878,XIAHE ROAD,SIMING
DISTRIC,XIAMEN 361000

Date: Dec 10, 2024

Attn: ZHANG YUQING

THIS IS TO SUPERSEDE REPORT
NO. SHAH01744947 DATED 28 Nov,
2024

Sample Description:

One (1) group of submitted sample said to be :

Item Name : Kids Playhouse
Item No. : 345-028V00YL,345-028V01YL
Quantity : 1
Labelled Age Group : 3+
Packaging Provided By Applicant : Yes
Goods Exported To : USA
Country Of Origin : China

Tests Conducted:

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

Conclusion:

Tested Components	Standard	Result
Tested Components of Submitted Sample	EN 71-3: 2019+A1: 2021 on migration of certain elements	Pass
Tested Components of Submitted Sample	U.S. ASTM F963-23 for total Lead content in surface coating	Pass
Tested Components of Submitted Sample	U.S. ASTM F963-23 for total Lead content in non-surface coating materials	Pass
Tested Components of Submitted Sample	U.S. ASTM F963-23 for soluble elements content	Pass
Tested Components of Submitted Sample	ASTM F963-23 section 4.3.8 on Phthalates content	Pass

To be continued

Authorized By:
Intertek Testing Services Ltd. Zhejiang



Bobo Yao
Assistant General Manager



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<u>Tested Components</u>	<u>Standard</u>	<u>Result</u>
Tested component(s) of submitted sample(s)	U.S. Consumer Product Safety Improvement Act 2008 title I, section 101 for total Lead content in surface coating	Pass
Tested component(s) of submitted sample(s)	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 Sample	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 Sample	Phthalates content requirement in Annex XVII Entry 51&52 of the REACH Regulation (EC) No. 1907/2006 & Amendment No. 552/2009 & Amendment Commission Regulation (EU) 2018/2005	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
Tested Components of Submitted Sample	Polycyclic Aromatic Hydrocarbons (PAHs) content in Annex XVII Entry 50 of the REACH Regulation (EC) No. 1907/2006 & amendment (EU) No. 1272/2013	Pass
Tested Components of Submitted Sample	AfPS GS 2019:01 PAK (PAH) on Polycyclic Aromatic Hydrocarbons (PAHs) content	Pass
Tested Components of Submitted Sample	Azocolourants content requirement in Annex XVII Item 43 of the REACH Regulation (EC) No. 1907/2006 & Amendment (EC) No. 552/2009 and (EU) 2020/2096	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 component of submitted sample	Canada Consumer Product Safety Act Toys Regulation SOR/2011-17 Section 27(3)(a)&(b) for accessible plastic material in toys for children under 3 years of age	Pass
Tested Components of Submitted Sample	Canada Consumer Products Containing Lead Regulations SOR/2018-83	Pass

To be continued

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<u>Tested Components</u>	<u>Standard</u>	<u>Result</u>
Tested Components of Submitted Sample	Canada Consumer Product Safety Act Phthalates Regulation SOR/2016-188 requirement on phthalates content	Pass
Tested Components of Submitted Sample	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
Tested Components of Submitted Sample	Canada Consumer Product Safety Act Surface Coating Materials Regulation SOR/2016-193 for total Mercury content in 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	EN71-8: 2018 Safety Of Toys - Activity Toys For Domestic Use	Pass
Submitted Sample	U.S. ASTM F963-23 Physical and Mechanical Tests.	Pass
Submitted Sample	U.S. ASTM F963-23 Flammability Test of Materials other than Textile Materials	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	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
Submitted Sample	Canada Consumer Product Safety Act Toys Regulations SOR/2011-17 with Amendments SOR/2016-195, SOR/2016-302 and SOR/2018-138 Section 32 / 33 / 34 for Flammability Test	Not Applicable

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Conclusion:

<u>Tested components</u>	<u>Standard</u>	<u>Result</u>
Tested Component(s) of Submitted Sample(s)	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 Component(s) of Submitted Sample(s)	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 Component(s) of Submitted Sample(s)	U.S. CFR title 16(CPSC regulations) Part 1303 total Lead content	Pass
Submitted sample	Sharp point & sharp edges(1500.48&1500.49)	Pass

		To be continued

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Tests Conducted

1. 19 Toxic Element Migration Test (EN 71-3: 2019+A1: 2021)

(A) Test Result

As per EN 71-3:2019+A1: 2021 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)	(6)	(7)	(8)		
Aluminium (Al)	ND	ND	ND	ND	ND	ND	ND	ND	300	28130
Antimony (Sb)	ND	ND	ND	ND	ND	ND	ND	ND	10	560
Arsenic (As)	ND	ND	ND	ND	ND	ND	ND	ND	10	47
Barium (Ba)	17	15	ND	ND	ND	ND	ND	ND	10	18750
Boron (B)	ND	ND	ND	ND	ND	ND	ND	ND	50	15000
Cadmium (Cd)	ND	ND	ND	ND	ND	ND	ND	ND	5	17
Chromium (III) (Cr III)	ND	ND	ND	ND	ND	ND	ND	ND	10	460
Chromium (VI) (Cr VI)	ND	ND	ND	ND	ND	ND	ND	ND	0.025	0.053
Cobalt (Co)	ND	ND	ND	ND	ND	ND	ND	ND	10	130
Copper (Cu)	14	ND	ND	ND	ND	ND	ND	ND	10	7700
Lead (Pb)	ND	ND	ND	ND	ND	ND	ND	ND	10	23
Manganese (Mn)	30	ND	ND	ND	ND	ND	ND	16	10	15000
Mercury (Hg)	ND	ND	ND	ND	ND	ND	ND	ND	10	94
Nickel (Ni)	ND	ND	ND	ND	ND	ND	ND	ND	10	930
Selenium (Se)	ND	ND	ND	ND	ND	ND	ND	ND	10	460
Strontium (Sr)	ND	ND	ND	ND	ND	ND	ND	ND	100	56000
Tin (Sn)	ND	ND	ND	ND	ND	ND	ND	ND	2.5	180000
Organic tin ⁺⁺	ND	ND	ND	ND	ND	ND	ND	ND	5	12
Zinc (Zn)	ND	ND	ND	ND	ND	ND	ND	ND	100	46000

Remark:

++ = 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.

ND = Not detected (less than reporting limit)

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

(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).



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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: Oct 09, 2024

Testing Period: Oct 09, 2024 to Nov 26, 2024

2. 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			Reporting Limit (ppm)	Limit (ppm)
	(1+2)	(3+4)	(5)		
Lead(Pb)	ND	ND	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: Oct 09, 2024

Testing Period: Oct 09, 2024 to Nov 26, 2024

3. 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				Reporting Limit (ppm)	Limit (ppm)
	(6)	(7)	(9+10+11)	(12+13+14)		
Lead(Pb)	ND	ND	ND	ND	20	100

Test Item	Result in ppm				Reporting Limit (ppm)	Limit (ppm)
	(15+16+17)	(18+19+20)	(21+22)	(23+24)		
Lead(Pb)	ND	ND	ND	ND	20	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: Oct 09, 2024

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Tests Conducted

4. Soluble Elements Analysis (ASTM F963-23)

As per section 4.3.5.1(2) and 4.3.5.2(2)(b) of the ASTM standard consumer safety specification on toy safety F963-23, acid extraction method was used and heavy metal elements migration content were determined by Inductively Coupled Argon Plasma Spectrometry.

Test Item	Result (mg/kg)							Reporting Limit (mg/kg)	Limit (mg/kg)
	(1)	(2)	(3)	(4)	(5)	(6)	(7)		
Sol. Barium (Ba)	12#	11#	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

ND= Not detected (Less than reporting limit)

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

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

Date Sample Received: Oct 09, 2024

Testing Period: Oct 09, 2024 to Nov 26, 2024

5. 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.)
	(1+2)	(3+4)	(5)	(6)	(7)		
Dibutyl phthalate (DBP)	ND	ND	ND	ND	ND	0.01	0.1
Di-(2-ethylhexyl) phthalate (DEHP)	ND	ND	ND	ND	ND	0.01	0.1
Benzyl butyl phthalate (BBP)	ND	ND	ND	ND	ND	0.01	0.1
Diisononyl phthalate (DINP)	ND	ND	ND	ND	ND	0.01	0.1
Diisobutyl phthalate (DIBP)	ND	ND	ND	ND	ND	0.01	0.1
Di-n-pentyl phthalate (DPENP)	ND	ND	ND	ND	ND	0.01	0.1
Di-n-hexyl phthalate (DHEXP)	ND	ND	ND	ND	ND	0.01	0.1
Dicyclohexyl phthalate (DCHP)	ND	ND	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.

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Tests Conducted

6. Total Lead (Pb) Content in Surface Coating

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

<u>Tested Components</u>	<u>Result (ppm)</u>	<u>Limit (ppm)</u>
(1+2)	ND	90
(3+4)	ND	90
(5)	ND	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

ND = Not Detected

Detection Limit = 20 mg/kg

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

Date Sample Received: Oct 09, 2024

Testing Period: Oct 09, 2024 to Nov 26, 2024

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

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

<u>Tested Components</u>	<u>Result (ppm)</u>	<u>Limit (ppm)</u>
(6)	ND	100
(7)	ND	100
(9+10+11)	ND	100
(12+13+14)	ND	100
(15+16+17)	ND	100
(18+19+20)	ND	100
(21+22)	ND	100
(23+24)	ND	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

ND = Not Detected

Detection Limit = 20 mg/kg

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

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Tests Conducted

8. 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)	(5)	(6)	(7)	
Dibutyl phthalate (DBP)	ND	ND	ND	ND	ND	0.1
Di-(2-ethylhexyl) phthalate (DEHP)	ND	ND	ND	ND	ND	0.1
Benzyl butyl phthalate (BBP)	ND	ND	ND	ND	ND	0.1
Diisononyl phthalate (DINP)	ND	ND	ND	ND	ND	0.1
Diisobutyl phthalate (DIBP)	ND	ND	ND	ND	ND	0.1
Di-n-pentyl phthalate (DPENP)	ND	ND	ND	ND	ND	0.1
Di-n-hexyl phthalate (DHEXP)	ND	ND	ND	ND	ND	0.1
Dicyclohexyl phthalate (DCHP)	ND	ND	ND	ND	ND	0.1

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

Remark: ND = Not Detected

Detection Limit = 0.01%

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

Date Sample Received: Oct 09, 2024

Testing Period: Oct 09, 2024 to Nov 21, 2024

9. Phthalate Content (REACH Regulation (EC) No 1907/2006 Annex XVII Entry 51 and Entry 52)

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

I. Annex XVII Entry 51

<u>Test Item</u>	<u>CAS No.</u>	<u>Result (%w/w)</u>					<u>Reporting Limit (%w/w)</u>	<u>Limit (%w/w)</u>
		(1+2)	(3+4)	(5)	(6)	(7)		
Dibutyl phthalate (DBP)	84-74-2	ND	ND	ND	ND	ND	0.005	--
Diethyl hexyl phthalate (DEHP)	117-81-7	ND	ND	ND	ND	ND	0.005	--
Benzyl butyl phthalate (BBP)	85-68-7	ND	ND	ND	ND	ND	0.005	--
Diisobutyl phthalate (DIBP)	84-69-5	ND	ND	ND	ND	ND	0.005	--
Sum of DBP, DEHP, BBP and DIBP	--	ND	ND	ND	ND	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.



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Tests Conducted
II. Annex XVII Entry 52

Test Item	CAS No.	Result (%w/w)					Reporting Limit (%w/w)	Limit (%w/w)
		(1+2)	(3+4)	(5)	(6)	(7)		
Di-n-octyl phthalate (DnOP)	117-84-0	ND	ND	ND	ND	ND	0.005	--
Diisononyl phthalate (DINP)	28553-12-0/ 68515-48-0	ND	ND	ND	ND	ND	0.005	--
Diisodecyl phthalate (DIDP)	26761-40-0/ 68515-49-1	ND	ND	ND	ND	ND	0.005	--
Sum of DINP, DNOP and DIDP	--	ND	ND	ND	ND	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)

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

Date Sample Received: Oct 09, 2024
Testing Period: Oct 09, 2024 to Nov 21, 2024

10. Cadmium (Cd) Content (EU REACH ANNEX XVII Entry 23)

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.

<u>Tested Components</u>	<u>Result in %</u>
(1+2)	ND
(3+4)	ND
(5)	ND
(6)	ND

Requirement:	
<u>Category</u>	<u>Limit (%)</u>
Painted article	0.1
Plastic	0.01
Metal parts of jewellery & hair accessories	0.01

Remark: ND = Not detected (<0.0005%)

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

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Tests Conducted

11. Polycyclic Aromatic Hydrocarbons (PAHs) Content (REACH Regulation (EC) No 1907/2006 Annex XVII Entry 50)

With reference to AfPS GS 2019: 01 PAK, by solvent extraction and determined by Gas Chromatographic - Mass Spectrometry (GC/MS).

Toy for children

Test Item	Result (mg/kg)					Detection Limit (mg/kg)	Limit (mg/kg)
	(1+2)	(3+4)	(5)	(6)	(7)		
Benzo(a)pyrene	ND	ND	ND	ND	ND	0.2	0.5
Benzo(e)pyrene	ND	ND	ND	ND	ND	0.2	0.5
Benzo(a)anthracene	ND	ND	ND	ND	ND	0.2	0.5
Chrysene	ND	ND	ND	ND	ND	0.2	0.5
Benzo(b)fluoranthene	ND	ND	ND	ND	ND	0.2	0.5
Benzo(j)fluoranthene	ND	ND	ND	ND	ND	0.2	0.5
Benzo(k)fluoranthene	ND	ND	ND	ND	ND	0.2	0.5
Dibenzo(a,h)anthracene	ND	ND	ND	ND	ND	0.2	0.5

The above limit was quoted according to Annex XVII Entry 50 of the REACH Regulation (EC) No.1907/2006 & amendment (EU) No. 1272/2013 for Polycyclic Aromatic Hydrocarbons (PAHs).

Remark : ND = Not detected

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

Date Sample Received: Oct 09, 2024

Testing Period: Oct 09, 2024 to Nov 21, 2024



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Tests Conducted

12. Polycyclic Aromatic Hydrocarbons (PAHs) Content

As Per AfPS GS 2019:01 PAK, by solvent extraction and determined by Gas Chromatography – Mass Spectrometer (GC/MS).

(I) Test Results:

Test Item	CAS No.	Result (in mg/kg)						
		(1)	(2)	(3)	(4)	(5)	(6)	(7)
1. Phenanthrene	85-01-8	ND	ND	ND	0.8	ND	ND	0.4
2. Anthracene	120-12-7	ND	ND	ND	ND	ND	ND	ND
3. Fluoranthene	206-44-0	ND	ND	ND	0.4	ND	ND	ND
4. Pyrene	129-00-0	ND	ND	ND	0.4	ND	ND	ND
Sum (4 PAHs):	--	ND	ND	ND	1.6	ND	ND	0.4
5. Naphthalene	91-20-3	ND	ND	ND	ND	ND	ND	ND
6. Benzo(a)Anthracene	56-55-3	ND	ND	ND	ND	ND	ND	ND
7. Chrysene	218-01-9	ND	ND	ND	ND	ND	ND	ND
8. Indeno(1,2,3-cd)Pyrene	193-39-5	ND	ND	ND	ND	ND	ND	ND
9. Benzo(b)Fluoranthene	205-99-2	ND	ND	ND	ND	ND	ND	ND
10. Benzo(k)Fluoranthene	207-08-9	ND	ND	ND	ND	ND	ND	ND
11. Benzo(a)Pyrene	50-32-8	ND	ND	ND	ND	ND	ND	ND
12. Dibenzo(a,h)Anthracene	53-70-3	ND	ND	ND	ND	ND	ND	ND
13. Benzo(g,h,i)Perylene	191-24-2	ND	ND	ND	ND	ND	ND	ND
14. Benzo(e)Pyrene	192-97-2	ND	ND	ND	ND	ND	ND	ND
15. Benzo(j)Fluoranthene	205-82-3	ND	ND	ND	ND	ND	ND	ND
Sum (15 PAHs):	--	ND	ND	ND	1.6	ND	ND	0.4
Classification of Samples: Category		3a	1	1	2a	3a	3a	3a

ND= Not detected (Less than reporting limit)
Reporting limit = 0.2 mg/kg



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Tests Conducted
(II) Limits for PAHs in Products:

Parameter	Category 1	Category 2		Category 3	
--	Materials intended to be placed in the mouth, or materials coming into long-term contact with skin (more than 30s) during the intended use - in toys according to Directive 2009/48/EC or -for the use by children up to 3 years of age	Materials that are not covered by Category 1, with long-term skin contact (longer than 30s) or repeated short-term skin contact if used as intended or foreseeable 2a. used by children 2b. other consumer products		Materials that are not covered by Category 1 or 2, with short-term skin contact (up to 30 s) when used as intended or foreseeable 3a. used by children 3b. other consumer products	
		2a	2b	3a	3b
Phenanthrene	--	--	--	--	--
Anthracene	--	--	--	--	--
Fluoranthene	--	--	--	--	--
Pyrene	--	--	--	--	--
Sum (4 PAHs):	<1	<5	<10	<20	<50
Naphthalene	<1	<2	<2	<10	<10
Benzo(a)Anthracene	<0.2	<0.2	<0.5	<0.5	<1
Chrysene	<0.2	<0.2	<0.5	<0.5	<1
Indeno(1,2,3-cd)Pyrene	<0.2	<0.2	<0.5	<0.5	<1
Benzo(b)Fluoranthene	<0.2	<0.2	<0.5	<0.5	<1
Benzo(k)Fluoranthene	<0.2	<0.2	<0.5	<0.5	<1
Benzo(a)Pyrene	<0.2	<0.2	<0.5	<0.5	<1
Dibenzo(a,h)Anthracene	<0.2	<0.2	<0.5	<0.5	<1
Benzo(g,h,i)Perylene	<0.2	<0.2	<0.5	<0.5	<1
Benzo(e)Pyrene	<0.2	<0.2	<0.5	<0.5	<1
Benzo(j)Fluoranthene	<0.2	<0.2	< 0.5	<0.5	<1
Sum (15 PAHs):	<1	<5	<10	<20	<50

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

Date Sample Received: Oct 09, 2024
Testing Period: Oct 09, 2024 to Nov 21, 2024



Test Report

Number: SHAH01744947S1

Tests Conducted

13. 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>Method T</u>	<u>Result (ppm)</u>	<u>Method D</u>
			(7)		(7)
1.	4-Aminodiphenyl	92-67-1	N		N
2.	Benzidine	92-87-5	N		N
3.	4-Chloro-o-Toluidine	95-69-2	N		N
4.	2-Naphthylamine	91-59-8	N		N
5.	o-Aminoazotoluene	97-56-3	N		N
6.	2-Amino-4-Nitrotoluene	99-55-8	N		N
7.	p-Chloroaniline	106-47-8	N		N
8.	2,4-Diaminoanisole	615-05-4	N		N
9.	4,4'-Diaminodiphenylmethane	101-77-9	N		N
10.	3,3'-Dichlorobenzidine	91-94-1	N		N
11.	3,3'-Dimethoxybenzidine	119-90-4	N		N
12.	3,3'-Dimethylbenzidine	119-93-7	N		N
13.	3,3'-Dimethyl-4,4'diaminodiphenylmethane	838-88-0	N		N
14.	p-Cresidine	120-71-8	N		N
15.	4,4'-Methylene-Bis(2-Chloroaniline)	101-14-4	N		N
16.	4,4'-Oxydianiline	101-80-4	N		N
17.	4,4'-Thiodianiline	139-65-1	N		N
18.	o-Toluidine	95-53-4	N		N
19.	2,4-Toluylenediamine	95-80-7	N		N
20.	2,4,5-Trimethylaniline	137-17-7	N		N
21.	o-Anisidine	90-04-0	N		N
22.	p-Aminoazobenzene	60-09-3	N		N

Remark: N = Not Detected
Detection Limit = 5 ppm
Requirement = 30 ppm (Max.)
ppm = Parts per million = mg/kg

Method T: Direct buffer extraction as per EN ISO 14362-1: 2017 Section 10.2
Method D: Colourant extraction with Xylene as per EN ISO 14362-1: 2017 Section 10.1

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

Date Sample Received: Oct 09, 2024
Testing Period: Oct 09, 2024 to Nov 21, 2024



Test Report

Number: SHAH01744947S1

Tests Conducted

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

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

Test Item	Result (mg/kg)					Reporting Limit (mg/kg)	Limit (mg/kg)
	(1)	(2)	(3)	(4)	(5)		
Tot. Lead (Pb)	ND	ND	ND	ND	ND	20	90
Tot. Mercury (Hg)	ND	ND	ND	ND	ND	0.047	10
Sol. Cadmium (Cd)	ND	ND	ND	ND	ND	5	1000
Sol. Antimony (Sb)	ND	ND	ND	ND	ND	5	1000
Sol. Selenium (Se)	ND	ND	ND	ND	ND	5	1000
Sol. Arsenic (As)	ND	ND	ND	ND	ND	2.5	1000
Sol. Barium (Ba)	12#	11#	ND	ND	ND	5	1000

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

Remark : Tot. = Total

Sol. = Soluble

ND = Not detected (Less than reporting limit)

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

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

Date Sample Received: Oct 09, 2024

Testing Period: Oct 09, 2024 to Nov 26, 2024



Test Report

Number: SHAH01744947S1

Tests Conducted

15. Toxic Elements Analysis

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

	Result (mg/kg)	Limit (mg/kg)
	(6)	
Tot. Lead (Pb)	<20	90
Sol. Barium (Ba)	<5	1000
Sol. Mercury (Hg)	<5	60
Sol. Cadmium (Cd)	<5	75
Sol. Antimony (Sb)	<5	60
Sol. Chromium (Cr)	<5	60
Sol. Selenium (Se)	<5	500
Sol. Arsenic (As)	<2.5	25

Remark: Tot. = Total

Sol. = Soluble

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

Date Sample Received: Oct 09, 2024

Testing Period: Oct 09, 2024 to Nov 26, 2024

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

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

Test Item	Result (mg/kg)				Reporting Limit (mg/kg)	Limit (mg/kg)
	(1+2)	(3+4)	(5)	(6)		
Lead	ND	ND	ND	ND	20	90

Test Item	Result (mg/kg)			Reporting Limit (mg/kg)	Limit (mg/kg)
	(7)	(9+10+11)	(12+13+14)		
Lead	ND	ND	ND	20	90

Test Item	Result (mg/kg)			Reporting Limit (mg/kg)	Limit (mg/kg)
	(15+16+17)	(18+19+20)	(21+22)		
Lead	ND	ND	ND	20	90

Test Item	Result (mg/kg)	Reporting Limit (mg/kg)	Limit (mg/kg)
	(23+24)		
Lead	ND	20	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: Oct 09, 2024

Testing Period: Oct 09, 2024 to Nov 26, 2024



Test Report

Number: SHAH01744947S1

Tests Conducted

17. Phthalate Content (SOR/2016-188)

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

Test Item	Result (mg/kg)					Detection Limit (mg/kg)	Limit (mg/kg) (Max.)
	(1+2)	(3+4)	(5)	(6)	(7)		
Di-butyl phthalate (DBP)	ND	ND	ND	ND	ND	100	1000
Di(2-ethyl hexyl) phthalate (DEHP)	ND	ND	ND	ND	ND	100	1000
Benzyl butyl phthalate (BBP)	ND	ND	ND	ND	ND	100	1000
Di-iso-nonyl phthalate (DINP)	ND	ND	ND	ND	ND	100	1000
Di-n-octyl phthalate (DNOP)	ND	ND	ND	ND	ND	100	1000
Di-iso-decyl phthalate (DIDP)	ND	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: Oct 09, 2024

Testing Period: Oct 09, 2024 to Nov 21, 2024

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

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

Test Item	Result (mg/kg)			Detection Limit (mg/kg)	Limit (mg/kg)
	(1+2)	(3+4)	(5)		
Lead	ND	ND	ND	20	90

Remark: ND=Not Detected

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

Date Sample Received: Oct 09, 2024

Testing Period: Oct 09, 2024 to Nov 26, 2024



Test Report

Number: SHAH01744947S1

Tests Conducted

19. Total Mercury (Hg) Content in Surface Coating (CCPSA Surface Coating Materials Regulation SOR/2016-193)

With reference to Canada Consumer Product Safety Act Surface Coating Materials Regulation SOR/2016-193, acid digestion method was used and total Mercury content was determined by Inductively Coupled Argon Plasma Spectrometry analysis.

Test Item	Result (mg/kg)			Reporting Limit (mg/kg)	Limit (mg/kg)
	(1+2)	(3+4)	(5)		
Mercury (Hg)	ND	ND	ND	0.047	10

Remark:

ND = Not detected

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

Date Sample Received: Oct 09, 2024

Testing Period: Oct 09, 2024 to Nov 26, 2024

20. Mechanical and Physical Test

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

Applicant's Specified Age Group for Testing: For ages 3 years and up

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	NA
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	P
4.15	Toys intended to bear the mass of a child	NA
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	NA



Test Report

Number: SHAH01744947S1

Tests Conducted

Clause	Testing Items	Assessment
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
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	NA
7	Warnings, markings and instructions for use	
7.1	General	P
7.2	Toys not intended for children under 36 months	NA
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	NA
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



Test Report

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Tests Conducted

Clause	Testing Items	Assessment
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:

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	Absent	Not applicable
Manufacturer's address	Absent	Not applicable
Importer's name	Present	Present
Importer's address	Present	Present
Product identification code	Present	Present
CE-marking	Absent	Present

Date Sample Received: Oct 09, 2024

Testing Period: Oct 09, 2024 to Nov 19, 2024



Test Report

Number: SHAH01744947S1

Tests Conducted

21. 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: Oct 09, 2024

Testing Period: Oct 09, 2024 to Nov 19, 2024



Test Report

Number: SHAH01744947S1

Tests Conducted

22. Safety Requirement For Activity Toy

Test Standard: EN71-8: 2018 Safety Of Toys – Part 8: Activity Toys For Domestic Use.

Applicant's Specified

- Age Group For Testing: For ages 3 years and up
- Maximum Weight Of Single User: 20 kg
- Maximum Total Weight: 20 kg

Number Of Samples Tested: One (1) Set.

Clause	Requirement	Result
4.1	General	
4.1.1	Assembly	P
4.1.2	Static Strength	P
4.1.3	Maximum Height	P
4.1.4	Corners And Edges	P
4.1.5	Protruding Parts	P
4.1.6	Diameter Of Ropes And Other Means Of Suspension	NA
4.1.7	Water Accumulation	P
4.2	Barriers, Handrails And Ladders And Similar Means Of Access To Activity Toys	
4.2.1	Barriers And Handrails Preventing A Child From Falling Down	NA
4.2.2	Ladders And Similar Means Of Access To Activity Toys	NA
4.3	Entrapment	
4.3.1	Entrapment Of Head And Neck	P
4.3.2	Entrapment Of Clothing And Hair	NA
4.3.3	Entrapment Of Feet	P
4.3.4	Entrapment Of Fingers	P
4.4	Stability Of Activity Toys Other Than Slides, Swings And Activity Toys With Rossbeams, And See-Saws	
4.4.1	General	P
4.4.2	Stability Of Activity Toys With A Free Height Of Fall Of 600 mm Or Less	P
4.4.3	Stability Of Activity Toys With A Free Height Of Fall Of More Than 600 mm	NA
4.5	Slides	
4.5.1	General	NA
4.5.2	Stability Of Slides	NA
4.5.3	Retaining Sides Of Slides	NA
4.5.4	Starting, Sliding And Run-Out Sections On Slides	NA
4.6	Swings	
4.6.1	Stability Of Swings And Other Activity Toys With Crossbeams	NA
4.6.2	Static Strength Of Crossbeams, Swing Devices And Suspension Connectors	NA
4.6.3	Swings Intended For Children Under 36 Months	NA
4.6.4	Minimum Clearance Between Adjacent Swing Elements, And Adjacent Structures	NA
4.6.5	Lateral Stability Of Swing Elements	NA
4.6.6	Minimum Clearance Between Swing Elements And The Ground	NA
4.6.7	Suspension Connectors And Swing Devices	NA
4.6.8	Impact, Geometry And Design Of Swing Elements	NA
4.7	See-saws	NA
4.7.1	Stability Of See-saws	NA
4.7.2	Seat/Stand Height	NA
4.7.3	Restraint Of Motion	NA
4.7.4	Pinching And Crushing Fingers And Toes	NA
4.7.5	Hand Supports	NA



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Tests Conducted

4.8	Carousels And Rocking Activity Toys	NA
4.9	Paddling Pools	
4.9.1	Static Strength Of Paddling Pools With Non-Inflatable Walls	NA
4.9.2	Paddling Pools With Inflatable Walls	NA
5	Warnings, Markings, And Instructions	
5.1.1	General	P
5.1.2	Paddling Pools	NA
5.2	Assembly And Installation Instruction	P
5.3	Maintenance	P

Abbreviation: P = Pass NA = Not Applicable

Date Sample Received: Oct 09, 2024

Testing Period: Oct 09, 2024 to Nov 19, 2024

23. Physical and Mechanical Tests

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

Applicant's specified age group for testing: For ages 3 years and up

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.

Section	Requirement	Result
4.1	Material Quality (Visual check on cleanliness)	P
4.5	Sound-producing toys	NA
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	NA
4.9	Accessible points	P
4.10	Wires or rods	NA
4.11	Nails and fasteners	P



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Tests Conducted

Section	Requirement	Result
4.12	Plastic film	NA
4.13	Folding mechanisms and hinges	P
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	NA
4.18	Holes, clearance, and accessibility of mechanisms	NA
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	NA
4.26	Toys intended to be attached to a crib or playpen	NA
4.27	Stuffed and beanbag-type toys	NA
4.28	Stroller and carriage toys	NA
4.29	Art materials	NA
4.30	Toy gun marking	NA
4.31	Balloons	NA
4.32	Certain toys with nearly spherical ends	NA
4.33	Marbles	NA
4.34	Balls	NA
4.35	Pompoms	NA
4.36	Hemispheric-shaped objects	NA
4.37	Yoyo elastic tether toys	NA
4.38	Magnets	NA
4.39	Jaw entrapment in handles and steering wheels	NA
4.40	Expanding materials	NA
4.41	Toy chests	NA
5	Labelling requirement	P
6	Instructional literature	P
7	Producer's markings	
7.1	Name of producer/distributor	Yes
	Address	Yes
7.3	Toy chests	



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Tests Conducted

Section	Requirement	Result
7.3.1	Name and address of manufacturer/distributor/seller	NA
7.3.2	Code mark	NA

Abbreviation: P = Pass NA= Not Applicable

Date Sample Received: Oct 09, 2024

Testing Period: Oct 09, 2024 to Nov 19, 2024

24. 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: Oct 09, 2024

Testing Period: Oct 09, 2024 to Nov 19, 2024

25. 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: For ages 3 years and up

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>
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	P
12	Glass	NA



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Number: SHAH01744947S1

Tests Conducted

No.	Testing Items	Assessment
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	P#1
	<u>Auditory hazards</u>	
19	Noise limit	NA
	<u>Thermal hazards</u>	
20	Heated surfaces, parts or substances	NA
	<u>Dolls, plush toys and soft toys</u>	
28	Fastenings to attach parts, clothing or ornamentation	NA
29	Stuffing materials	
	(a) Clean and free from vermin	NA
	(b) Free from hard and sharp foreign matter	NA
30	Small parts -Squeaker, reed, valve or other similar device	NA
31	Eyes and noses	NA
	<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

#1 = The samples were tested for stability and overloading according to ISO 8124-1 section 5.12.1 to 5.12.5.

Date Sample Received: Oct 09, 2024

Testing Period: Oct 09, 2024 to Nov 19, 2024



Test Report

Number: SHAH01744947S1

Tests Conducted

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

Comment:

The scope of the standard was not applicable to the submitted samples. Testing was conducted with reference to the test method and requirements as stated.

Date Sample Received: Oct 09, 2024

Testing Period: Oct 09, 2024 to Nov 19, 2024

26. Flammability Test

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

Date Sample Received: Oct 09, 2024

Testing Period: Oct 09, 2024 to Nov 19, 2024

27. 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)	(3+4)	(5)		
Lead (Pb)	ND	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: Oct 09, 2024

Testing Period: Oct 09, 2024 to Dec 09, 2024



Test Report

Number: SHAH01744947S1

Tests Conducted

28. 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.

Test Item	Result (ppm)				Reporting Limit (ppm)	Limit (ppm)
	(6)	(7)	(9+10+11)	(12+13+14)		
Lead (Pb)	ND	ND	ND	ND	10	100

Test Item	Result (ppm)				Reporting Limit (ppm)	Limit (ppm)
	(15+16+17)	(18+19+20)	(21+22)	(23+24)		
Lead (Pb)	ND	ND	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: Oct 09, 2024
Testing Period: Oct 09, 2024 to Dec 09, 2024

29. 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.

Tested component	Result (%)	Limit (%)
(1+2)	ND	0.009
(3+4)	ND	0.009
(5)	ND	0.009

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

Remark: ND = Not Detected
Detection Limit = 0.002%

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

Date Sample Received: Oct 09, 2024
Testing Period: Oct 09, 2024 to Dec 09, 2024



Test Report

Number: SHAH01744947S1

Tests Conducted

30. SHARP POINTS & SHARP EDGES

As per client's application, the submitted sample was subjected to the following test:

Number of sample tested: One

Initial inspection: No any damage was found

In accordance with 16 CFR1500.48 & 16CFR 1500.49, shall have no sharp point /sharp edge on the sample as received.

Test Result:

No sharp points/sharp edges were found on the sample as received.

Date Sample Received: Oct 09, 2024

Testing Period: Oct 09, 2024 to Dec 09, 2024

Components List:

- (1) Blue coating on wood
- (2) Brown coating on wood
- (3) Orange coating on wood
- (4) Black coating on wood
- (5) Black coating on metal
- (6) Dark brown plastic(door absorber)
- (7) White fabric with green printing
- (8) Wood excluding coating
- (9) Bronze metal(big screw of body)
- (10) Bronze metal(screw of body)
- (11) Bronze metal(hinge)
- (12) Bronze metal(pin of hinge)
- (13) Bronze metal(screw of hinge)
- (14) Bronze metal(door hinge)
- (15) Bronze metal(pin of door hinge)
- (16) Bronze metal(screw A)
- (17) Bronze metal(screw B)
- (18) Bronze metal(screw C)
- (19) Bronze metal(screw D)
- (20) Bronze metal(screw E)
- (21) Bronze metal(screw F)
- (22) Silvery metal(piece of door)
- (23) Silvery metal excluding coating
- (24) Silvery metal(door absorber)



Test Report

Number: SHAH01744947S1

Tests Conducted



Picture 1: Submitted Sample

End Of Report

This report is made solely on the basis of your instructions and/or information and materials supplied by you. 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.

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To: XIAMEN KINGSLEY IMPORT AND EXPORT CO.,LTD
Attention: ZHANG YUQING

Date: Dec 10, 2024

Re: Report Revision Notification

Intertek Testing Services Report Number SHAH01744947 Dated Nov 28, 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 **SHAH01744947S1**.

Reason for report revision: Add test items requested by customer.

Thank you for your attention.

Authorized By:
Intertek Testing Services Ltd. Zhejiang



Bobo Yao
Assistant General Manager

