

Test Report

Number: SHAH01886657S1

Applicant: NINGBO YINZHOU WANLI SPORTING GOODS
CO., LTD
NO. 218-2, LISHUTANG,
PINGTANG INDUSTRIAL ZONE, DONGWU TOWN,
ZHEJIANG PROVINCE, CHINA
Attn: XIA JIAN RONG

Date: 26 Dec, 2025

THIS IS TO SUPERSEDE REPORT NO.
SHAH01886657 DATED 18 Nov, 2025

Sample Description:

One(1) set of submitted sample said to be :
Item Name : Kids Soft Play Set.
Item No : 3D0-002, 3D0-003.3D0-004, 3D0-004V02MX,3D0-006, 3D0-009, 3D0-010,
3D0-011, 3D0-012V00MX,3D0-012V01MX,3D0-014V00MX,3D0-016V00MX,
3D0-016V01MX, 3D0-007.
Quantity : 1 Set.
Country Of Origin : China.

Tests Conducted:

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

Conclusion:

<u>Tested Sample</u>	<u>Test Item</u>	<u>Result</u>
Tested Components of Submitted Sample	U.S. ASTM F963-23 Section 4.3.5.2 on Total Lead Content in Substrate	Pass
	U.S. ASTM F963-23 Section 4.3.5.2 on Soluble Elements Content in substrate	Pass
	ASTM F963-23 Section 4.3.8 on Phthalates Content	Pass
	U.S. Consumer Product Safety Improvement Act 2008 title I, section 101 for total Lead content in non-surface coating materials (substrate)	Pass
	US Consumer Product Safety Improvement Act 2008 Title I, Sec 108(a) & (b)(3) and US 16 CFR Part 1307 for Prohibition of Children's Toys and Child Care Articles Containing Specified Phthalates	Pass

To be continued

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



Bobo Yao
Assistant General Manager



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Conclusion:

<u>Tested Sample</u>	<u>Test Item</u>	<u>Result</u>
Tested Components of Submitted Sample	Canada Consumer Product Safety Act Toys Regulation SOR/2011-17 Section 27(a)&(b) for accessible plastic material in toys for children under 3 years of age	Pass
	Canada Consumer Products Containing Lead Regulations SOR/2018-83	Pass
	Canada Consumer Product Safety Act Phthalates Regulation SOR/2016-188 requirement on phthalates content	Pass
	EN 71-3: 2019+A1: 2021 on migration of certain elements	Pass
	EN 71-3: 2019+A2: 2024 on migration of certain elements	Pass
	BS EN 71-3: 2019+A2: 2024 on migration of certain elements	Pass
	REACH Regulation (EC) No. 1907/2006 Annex XVII, Entry 51 and Entry 52 & Amendments No. 552/2009 & (EU) 2018/2005 on Phthalates Content	Pass
	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
	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

To be continued

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Assistant General Manager



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Tests Conducted

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

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

Test Item	Result in ppm				Reproting Limit (ppm)	Limit (ppm)
	(1)	(2+3+4)	(5+6+7)	(8+9+10)		
Lead(Pb)	ND	ND	ND	ND	10	100

Test Item	Result in ppm				Reproting Limit (ppm)	Limit (ppm)
	(11+12+13)	(14+15+16)	(17+18)	(19)		
Lead(Pb)	ND	ND	ND	ND	10	100

Test Item	Result in ppm				Reproting Limit (ppm)	Limit (ppm)
	(20+21)	(22)	(23)	(28)		
Lead(Pb)	ND	ND	ND	13	10	100

Test Item	Result in ppm	Reproting Limit (ppm)	Limit (ppm)
	(29)		
Lead(Pb)	16	10	100

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

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

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

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

Test Item	Result (mg/kg)			Reporting Limit	Limit
	(1)to(13)	(14)	(15)to(27)	(mg/kg)	(mg/kg)
Sol. Barium (Ba)	ND	8.4#	ND	5	1000
Sol. Lead (Pb)	ND	ND	ND	5	90
Sol. Cadmium (Cd)	ND	ND	ND	5	75
Sol. Antimony (Sb)	ND	ND	ND	5	60
Sol. Selenium (Se)	ND	ND	ND	5	500
Sol. Chromium (Cr)	ND	ND	ND	5	60
Sol. Mercury (Hg)	ND	ND	ND	5	60
Sol. Arsenic (As)	ND	ND	ND	2.5	25

Remark: mg/kg = milligram per kilogram =ppm

Sol. = Soluble

ND= Not detected (Less than reporting limit)

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

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

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Tests Conducted

3 ASTM F963-23 Section 4.3.8 on Phthalates Content

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

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

Test Item	Result (%)		Detection Limit (%)	Limit (%) (Max.)
	(8+9+10)	(11+12+13)		
Dibutyl phthalate (DBP)	ND	ND	0.01	0.1
Di-(2-ethylhexyl) phthalate (DEHP)	ND	ND	0.01	0.1
Benzyl butyl phthalate (BBP)	ND	ND	0.01	0.1
Diisononyl phthalate (DINP)	ND	ND	0.01	0.1
Diisobutyl phthalate (DIBP)	ND	ND	0.01	0.1
Di-n-pentyl phthalate (DPENP)	ND	ND	0.01	0.1
Di-n-hexyl phthalate (DHEXP)	ND	ND	0.01	0.1
Dicyclohexyl phthalate (DCHP)	ND	ND	0.01	0.1

Test Item	Result (%)			Detection Limit (%)	Limit (%) (Max.)
	(14+15+16)	(17+18)	(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+21)	(22)	(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



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Diisobutyl phthalate (DIBP)	ND	ND	ND	0.01	0.1
Di-n-pentyl phthalate (DPENP)	ND	ND	ND	0.01	0.1
Di-n-hexyl phthalate (DHEXP)	ND	ND	ND	0.01	0.1
Dicyclohexyl phthalate (DCHP)	ND	ND	ND	0.01	0.1

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

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

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Tests Conducted

4 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>
(1)	<10	100
(2+3+4)	<10	100
(5+6+7)	<10	100
(8+9+10)	<10	100
(11+12+13)	<10	100
(14+15+16)	<10	100
(17+18)	<10	100
(19)	<10	100
(20+21)	<10	100
(22)	<10	100
(23)	<10	100
(28)	13	100
(29)	16	100

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

Remark: ppm = Parts per million = mg/kg

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

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Tests Conducted

5 Phthalate Content

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

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

Test item	Result (%)			Limit (%) (Max.)
	(8+9+10)	(11+12+13)	(14+15+16)	
Dibutyl phthalate (DBP)	ND	ND	ND	0.1
Di-(2-ethylhexyl) phthalate (DEHP)	ND	ND	ND	0.1
Benzyl butyl phthalate (BBP)	ND	ND	ND	0.1
Diisononyl phthalate (DINP)	ND	ND	ND	0.1
Diisobutyl phthalate (DIBP)	ND	ND	ND	0.1
Di-n-pentyl phthalate (DPENP)	ND	ND	ND	0.1
Di-n-hexyl phthalate (DHEXP)	ND	ND	ND	0.1
Dicyclohexyl phthalate (DCHP)	ND	ND	ND	0.1

Test item	Result (%)			Limit (%) (Max.)
	(17+18)	(19)	(20+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

Test item	Result (%)		Limit (%) (Max.)
	(22)	(23)	
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



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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

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.

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Tests Conducted

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

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

Test Item	Result (mg/kg)			Detection	Limit
	(1)to(13)	(14)	(15)to(22)	Limit (mg/kg)	(mg/kg)
Tot. Lead (Pb)	ND	ND	ND	10	90
Sol. Barium (Ba)	ND	8.4#	ND	5	1000
Sol. Mercury (Hg)	ND	ND	ND	5	60
Sol. Cadmium (Cd)	ND	ND	ND	5	75
Sol. Antimony (Sb)	ND	ND	ND	5	60
Sol. Chromium (Cr)	ND	ND	ND	5	60
Sol. Selenium (Se)	ND	ND	ND	5	500
Sol. Arsenic (As)	ND	ND	ND	2.5	25

Remark: mg/kg = Milligram per kilogram
 ND = Not Detected (Less than detection limit)
 Tot. = Total
 Sol. = Soluble
 # = The results were adjusted by subtracting analytical correction factor.

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

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Tests Conducted

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

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

Test Item	Result (mg/kg)			Reporting Limit (mg/kg)	Limit (mg/kg)
	(1)	(2+3+4)	(5+6+7)		
Lead	ND	ND	ND	10	90

Test Item	Result (mg/kg)			Reporting Limit (mg/kg)	Limit (mg/kg)
	(8+9+10)	(11+12+13)	(14+15+16)		
Lead	ND	ND	ND	10	90

Test Item	Result (mg/kg)			Reporting Limit (mg/kg)	Limit (mg/kg)
	(17+18)	(19)	(20+21)		
Lead	ND	ND	ND	10	90

Test Item	Result (mg/kg)			Reporting Limit (mg/kg)	Limit (mg/kg)
	(22)	(23)	(28)		
Lead	ND	ND	13	10	90

Test Item	Result (mg/kg)	Reporting Limit (mg/kg)	Limit (mg/kg)
	(29)		
Lead	16	10	90

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

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

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

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Tests Conducted

8 Phthalate Content (SOR/2016-188)

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

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

Test Item	Result (mg/kg)		Detection Limit (mg/kg)	Limit (mg/kg) (Max.)
	(8+9+10)	(11+12+13)		
Di-butyl phthalate (DBP)	ND	ND	100	1000
Di(2-ethyl hexyl) phthalate (DEHP)	ND	ND	100	1000
Benzyl butyl phthalate (BBP)	ND	ND	100	1000
Di-iso-nonyl phthalate (DINP)	ND	ND	100	1000
Di-n-octyl phthalate (DNOP)	ND	ND	100	1000
Di-iso-decyl phthalate (DIDP)	ND	ND	100	1000

Test Item	Result (mg/kg)			Detection Limit (mg/kg)	Limit (mg/kg) (Max.)
	(14+15+16)	(17+18)	(19)		
Di-butyl phthalate (DBP)	ND	ND	ND	100	1000
Di(2-ethyl hexyl) phthalate (DEHP)	ND	ND	ND	100	1000
Benzyl butyl phthalate (BBP)	ND	ND	ND	100	1000
Di-iso-nonyl phthalate (DINP)	ND	ND	ND	100	1000
Di-n-octyl phthalate (DNOP)	ND	ND	ND	100	1000
Di-iso-decyl phthalate (DIDP)	ND	ND	ND	100	1000

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



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

Remark: ND = Not Detected

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

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Tests Conducted

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

Element	Result (mg/kg)				Reporting Limit (mg/kg)	Limit (mg/kg)
	(5)#	(6)#	(7)#	(8)#		
Aluminium (Al)	ND	ND	ND	ND	300	28130
Antimony (Sb)	ND	ND	ND	ND	10	560
Arsenic (As)	ND	ND	ND	ND	10	47
Barium (Ba)	ND	ND	ND	ND	10	18750
Boron (B)	ND	ND	ND	ND	50	15000
Cadmium (Cd)	ND	ND	ND	ND	5	17
Chromium (III) (Cr III) **	ND	ND	ND	ND	10	460
Chromium (VI) (Cr VI) **	ND	ND	ND	ND	0.025	0.053
Cobalt (Co)	ND	ND	ND	ND	10	130
Copper (Cu)	ND	ND	ND	ND	10	7700
Lead (Pb)	ND	ND	ND	ND	10	23



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Manganese (Mn)	66	ND	ND	11	10	15000
Mercury (Hg)	ND	ND	ND	ND	10	94
Nickel (Ni)	ND	ND	ND	ND	10	930
Selenium (Se)	ND	ND	ND	ND	10	460
Strontium (Sr)	ND	ND	ND	ND	100	56000
Tin (Sn)	ND	ND	ND	ND	2.5	180000
Organic tin **	ND	ND	ND	ND	5	12
Zinc (Zn)	ND	ND	ND	ND	100	46000

Element	Result (mg/kg)				Reporting Limit (mg/kg)	Limit (mg/kg)
	(9)#	(10)#	(11)#	(12)#		
Aluminium (Al)	ND	ND	ND	ND	300	28130
Antimony (Sb)	ND	ND	ND	ND	10	560
Arsenic (As)	ND	ND	ND	ND	10	47
Barium (Ba)	ND	ND	ND	ND	10	18750
Boron (B)	ND	ND	ND	ND	50	15000
Cadmium (Cd)	ND	ND	ND	ND	5	17
Chromium (III) (Cr III) **	ND	ND	ND	ND	10	460
Chromium (VI) (Cr VI) **	ND	ND	ND	ND	0.025	0.053
Cobalt (Co)	ND	ND	ND	ND	10	130
Copper (Cu)	ND	ND	ND	ND	10	7700
Lead (Pb)	ND	ND	ND	ND	10	23
Manganese (Mn)	ND	ND	50	ND	10	15000
Mercury (Hg)	ND	ND	ND	ND	10	94
Nickel (Ni)	ND	ND	ND	ND	10	930
Selenium (Se)	ND	ND	ND	ND	10	460
Strontium (Sr)	ND	ND	ND	ND	100	56000
Tin (Sn)	ND	ND	ND	ND	2.5	180000
Organic tin **	ND	ND	ND	ND	5	12
Zinc (Zn)	ND	ND	ND	ND	100	46000

Element	Result (mg/kg)				Reporting Limit (mg/kg)	Limit (mg/kg)
	(13)#	(14)#	(15)#	(16)#		
Aluminium (Al)	ND	ND	ND	ND	300	28130
Antimony (Sb)	ND	ND	ND	ND	10	560
Arsenic (As)	ND	ND	ND	ND	10	47
Barium (Ba)	ND	12	ND	ND	10	18750
Boron (B)	ND	ND	ND	ND	50	15000
Cadmium (Cd)	ND	ND	ND	ND	5	17
Chromium (III) (Cr III) **	ND	ND	ND	ND	10	460
Chromium (VI) (Cr VI) **	ND	ND	ND	ND	0.025	0.053
Cobalt (Co)	ND	ND	ND	ND	10	130
Copper (Cu)	ND	ND	ND	ND	10	7700

Test Report

Number: SHAH01886657S1

Tests Conducted

Lead (Pb)	ND	ND	ND	ND	10	23
Manganese (Mn)	ND	84	ND	ND	10	15000
Mercury (Hg)	ND	ND	ND	ND	10	94
Nickel (Ni)	ND	ND	ND	ND	10	930
Selenium (Se)	ND	ND	ND	ND	10	460
Strontium (Sr)	ND	ND	ND	ND	100	56000
Tin (Sn)	ND	ND	ND	ND	2.5	180000
Organic tin **	ND	ND	ND	ND	5	12
Zinc (Zn)	ND	ND	ND	ND	100	46000

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

Element	Result (mg/kg)				Reporting Limit (mg/kg)	Limit (mg/kg)
	(21)#	(22)#	(23)#	(24)#		
Aluminium (Al)	ND	ND	ND	ND	300	28130
Antimony (Sb)	ND	ND	ND	ND	10	560
Arsenic (As)	ND	ND	ND	ND	10	47
Barium (Ba)	ND	ND	ND	ND	10	18750
Boron (B)	ND	ND	ND	ND	50	15000
Cadmium (Cd)	ND	ND	ND	ND	5	17
Chromium (III) (Cr III) **	ND	ND	ND	ND	10	460
Chromium (VI) (Cr VI) **	ND	ND	ND	ND	0.025	0.053
Cobalt (Co)	ND	ND	ND	ND	10	130



Test Report

Number: SHAH01886657S1

Tests Conducted

Copper (Cu)	ND	ND	ND	ND	10	7700
Lead (Pb)	ND	ND	ND	ND	10	23
Manganese (Mn)	ND	ND	ND	ND	10	15000
Mercury (Hg)	ND	ND	ND	ND	10	94
Nickel (Ni)	ND	ND	ND	ND	10	930
Selenium (Se)	ND	ND	ND	ND	10	460
Strontium (Sr)	ND	ND	ND	ND	100	56000
Tin (Sn)	ND	ND	ND	ND	2.5	180000
Organic tin **	ND	ND	ND	ND	5	12
Zinc (Zn)	ND	ND	ND	ND	100	46000

Element	Result (mg/kg)			Reporting Limit (mg/kg)	Limit (mg/kg)
	(25)#	(26)#	(27)#		
Aluminium (Al)	ND	ND	ND	300	28130
Antimony (Sb)	ND	ND	ND	10	560
Arsenic (As)	ND	ND	ND	10	47
Barium (Ba)	ND	ND	ND	10	18750
Boron (B)	ND	ND	ND	50	15000
Cadmium (Cd)	ND	ND	ND	5	17
Chromium (III) (Cr III) **	ND	ND	ND	10	460
Chromium (VI) (Cr VI) **	ND	ND	ND	0.025	0.053
Cobalt (Co)	ND	ND	ND	10	130
Copper (Cu)	ND	ND	ND	10	7700
Lead (Pb)	ND	ND	ND	10	23
Manganese (Mn)	ND	ND	ND	10	15000
Mercury (Hg)	ND	ND	ND	10	94
Nickel (Ni)	ND	ND	ND	10	930
Selenium (Se)	ND	ND	ND	10	460
Strontium (Sr)	ND	ND	ND	100	56000
Tin (Sn)	ND	ND	ND	2.5	180000
Organic tin **	ND	ND	ND	5	12
Zinc (Zn)	ND	ND	ND	100	46000

Remark: mg/kg = milligram per kilogram
 ++ = Unless the test results were marked with “#” or “Δ”, Chromium (III) & Chromium (VI) and Organic tin contents were not directly determined and were derived from migration results of total chromium and tin respectively.
 - Organic tin test result was expressed as tributyl tin.
 ND = Not detected (less than reporting limit)

= Confirmation of Chromium (VI) test was performed on the tested component. And the reported value of migration of Chromium (III) = migration value of total Chromium – migration value of Chromium (VI).

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



Test Report

Number: SHAH01886657S1

Tests Conducted

(B) Categories of various toy materials

Category I: Dry, brittle, powder like or pliable

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

Category II: Liquid or sticky

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

Category III: Scraped-off

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

Date Sample Received: 30 Oct, 2025

Testing Period: 30 Oct, 2025 To 10 Nov, 2025

To be continued

Test Report

Number: SHAH01886657S1

Tests Conducted

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(A) Test Result

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

Category (III): Scraped-off toy material

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

Element	Result (mg/kg)				Detection Limit (mg/kg)	Limit (mg/kg)
	(5)#	(6)#	(7)#	(8)#		
Aluminium (Al)	ND	ND	ND	ND	300	28130
Antimony (Sb)	ND	ND	ND	ND	10	560
Arsenic (As)	ND	ND	ND	ND	10	47
Barium (Ba)	ND	ND	ND	ND	10	18750
Boron (B)	ND	ND	ND	ND	50	15000
Cadmium (Cd)	ND	ND	ND	ND	5	17
Chromium (III) (Cr III) ⁺⁺	ND	ND	ND	ND	10	460
Chromium (VI) (Cr VI) ⁺⁺	ND	ND	ND	ND	0.025	0.053
Cobalt (Co)	ND	ND	ND	ND	10	130
Copper (Cu)	ND	ND	ND	ND	10	7700
Lead (Pb)	ND	ND	ND	ND	10	23



Test Report

Number: SHAH01886657S1

Tests Conducted

Manganese (Mn)	66	ND	ND	11	10	15000
Mercury (Hg)	ND	ND	ND	ND	10	94
Nickel (Ni)	ND	ND	ND	ND	10	930
Selenium (Se)	ND	ND	ND	ND	10	460
Strontium (Sr)	ND	ND	ND	ND	100	56000
Tin (Sn)	ND	ND	ND	ND	2.5	180000
Organic tin **	ND	ND	ND	ND	5	12
Zinc (Zn)	ND	ND	ND	ND	100	46000

Element	Result (mg/kg)				Detection Limit (mg/kg)	Limit (mg/kg)
	(9)#	(10)#	(11)#	(12)#		
Aluminium (Al)	ND	ND	ND	ND	300	28130
Antimony (Sb)	ND	ND	ND	ND	10	560
Arsenic (As)	ND	ND	ND	ND	10	47
Barium (Ba)	ND	ND	ND	ND	10	18750
Boron (B)	ND	ND	ND	ND	50	15000
Cadmium (Cd)	ND	ND	ND	ND	5	17
Chromium (III) (Cr III) **	ND	ND	ND	ND	10	460
Chromium (VI) (Cr VI) **	ND	ND	ND	ND	0.025	0.053
Cobalt (Co)	ND	ND	ND	ND	10	130
Copper (Cu)	ND	ND	ND	ND	10	7700
Lead (Pb)	ND	ND	ND	ND	10	23
Manganese (Mn)	ND	ND	50	ND	10	15000
Mercury (Hg)	ND	ND	ND	ND	10	94
Nickel (Ni)	ND	ND	ND	ND	10	930
Selenium (Se)	ND	ND	ND	ND	10	460
Strontium (Sr)	ND	ND	ND	ND	100	56000
Tin (Sn)	ND	ND	ND	ND	2.5	180000
Organic tin **	ND	ND	ND	ND	5	12
Zinc (Zn)	ND	ND	ND	ND	100	46000

Element	Result (mg/kg)				Detection Limit (mg/kg)	Limit (mg/kg)
	(13)#	(14)#	(15)#	(16)#		
Aluminium (Al)	ND	ND	ND	ND	300	28130
Antimony (Sb)	ND	ND	ND	ND	10	560
Arsenic (As)	ND	ND	ND	ND	10	47
Barium (Ba)	ND	12	ND	ND	10	18750
Boron (B)	ND	ND	ND	ND	50	15000
Cadmium (Cd)	ND	ND	ND	ND	5	17
Chromium (III) (Cr III) **	ND	ND	ND	ND	10	460
Chromium (VI) (Cr VI) **	ND	ND	ND	ND	0.025	0.053
Cobalt (Co)	ND	ND	ND	ND	10	130
Copper (Cu)	ND	ND	ND	ND	10	7700

Test Report

Number: SHAH01886657S1

Tests Conducted

Lead (Pb)	ND	ND	ND	ND	10	23
Manganese (Mn)	ND	84	ND	ND	10	15000
Mercury (Hg)	ND	ND	ND	ND	10	94
Nickel (Ni)	ND	ND	ND	ND	10	930
Selenium (Se)	ND	ND	ND	ND	10	460
Strontium (Sr)	ND	ND	ND	ND	100	56000
Tin (Sn)	ND	ND	ND	ND	2.5	180000
Organic tin **	ND	ND	ND	ND	5	12
Zinc (Zn)	ND	ND	ND	ND	100	46000

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

Element	Result (mg/kg)				Detection Limit (mg/kg)	Limit (mg/kg)
	(21)#	(22)#	(23)#	(24)#		
Aluminium (Al)	ND	ND	ND	ND	300	28130
Antimony (Sb)	ND	ND	ND	ND	10	560
Arsenic (As)	ND	ND	ND	ND	10	47
Barium (Ba)	ND	ND	ND	ND	10	18750
Boron (B)	ND	ND	ND	ND	50	15000
Cadmium (Cd)	ND	ND	ND	ND	5	17
Chromium (III) (Cr III) **	ND	ND	ND	ND	10	460
Chromium (VI) (Cr VI) **	ND	ND	ND	ND	0.025	0.053
Cobalt (Co)	ND	ND	ND	ND	10	130



Test Report

Number: SHAH01886657S1

Tests Conducted

Copper (Cu)	ND	ND	ND	ND	10	7700
Lead (Pb)	ND	ND	ND	ND	10	23
Manganese (Mn)	ND	ND	ND	ND	10	15000
Mercury (Hg)	ND	ND	ND	ND	10	94
Nickel (Ni)	ND	ND	ND	ND	10	930
Selenium (Se)	ND	ND	ND	ND	10	460
Strontium (Sr)	ND	ND	ND	ND	100	56000
Tin (Sn)	ND	ND	ND	ND	2.5	180000
Organic tin ⁺⁺	ND	ND	ND	ND	5	12
Zinc (Zn)	ND	ND	ND	ND	100	46000

Element	Result (mg/kg)			Detection Limit (mg/kg)	Limit (mg/kg)
	(25)#	(26)#	(27)#		
Aluminium (Al)	ND	ND	ND	300	28130
Antimony (Sb)	ND	ND	ND	10	560
Arsenic (As)	ND	ND	ND	10	47
Barium (Ba)	ND	ND	ND	10	18750
Boron (B)	ND	ND	ND	50	15000
Cadmium (Cd)	ND	ND	ND	5	17
Chromium (III) (Cr III) ⁺⁺	ND	ND	ND	10	460
Chromium (VI) (Cr VI) ⁺⁺	ND	ND	ND	0.025	0.053
Cobalt (Co)	ND	ND	ND	10	130
Copper (Cu)	ND	ND	ND	10	7700
Lead (Pb)	ND	ND	ND	10	23
Manganese (Mn)	ND	ND	ND	10	15000
Mercury (Hg)	ND	ND	ND	10	94
Nickel (Ni)	ND	ND	ND	10	930
Selenium (Se)	ND	ND	ND	10	460
Strontium (Sr)	ND	ND	ND	100	56000
Tin (Sn)	ND	ND	ND	2.5	180000
Organic tin ⁺⁺	ND	ND	ND	5	12
Zinc (Zn)	ND	ND	ND	100	46000

Remark: mg/kg = milligram per kilogram
⁺⁺ = Unless the test results were marked with "#" or "Δ", Chromium (III) & Chromium (VI) and Organic tin contents were not directly determined and were derived from migration results of total chromium and tin respectively.
 - Organic tin test result was expressed as tributyl tin.
 ND = Not detected (less than detection limit)

= Confirmation of Chromium (VI) test was performed on the tested component. And the reported value of migration of Chromium (III) = migration value of total Chromium – migration value of Chromium(VI).

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

Test Report

Number: SHAH01886657S1

Tests Conducted

(B) Categories of various toy materials

Category I: Dry, brittle, powder like or pliable

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

Category II: Liquid or sticky

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

Category III: Scraped-off

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

Date Sample Received: 30 Oct, 2025

Testing Period: 30 Oct, 2025 To 10 Nov, 2025

To be continued



Test Report

Number: SHAH01886657S1

Tests Conducted

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(A) Test Result

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

Category (III): Scraped-off toy material

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

Element	Result (mg/kg)				Detection Limit (mg/kg)	Limit (mg/kg)
	(5)#	(6)#	(7)#	(8)#		
Aluminium (Al)	ND	ND	ND	ND	300	28130
Antimony (Sb)	ND	ND	ND	ND	10	560
Arsenic (As)	ND	ND	ND	ND	10	47
Barium (Ba)	ND	ND	ND	ND	10	18750
Boron (B)	ND	ND	ND	ND	50	15000
Cadmium (Cd)	ND	ND	ND	ND	5	17
Chromium (III) (Cr III) **	ND	ND	ND	ND	10	460
Chromium (VI) (Cr VI) **	ND	ND	ND	ND	0.025	0.053
Cobalt (Co)	ND	ND	ND	ND	10	130
Copper (Cu)	ND	ND	ND	ND	10	7700
Lead (Pb)	ND	ND	ND	ND	10	23



Test Report

Number: SHAH01886657S1

Tests Conducted

Manganese (Mn)	66	ND	ND	11	10	15000
Mercury (Hg)	ND	ND	ND	ND	10	94
Nickel (Ni)	ND	ND	ND	ND	10	930
Selenium (Se)	ND	ND	ND	ND	10	460
Strontium (Sr)	ND	ND	ND	ND	100	56000
Tin (Sn)	ND	ND	ND	ND	2.5	180000
Organic tin **	ND	ND	ND	ND	5	12
Zinc (Zn)	ND	ND	ND	ND	100	46000

Element	Result (mg/kg)				Detection Limit (mg/kg)	Limit (mg/kg)
	(9)#	(10)#	(11)#	(12)#		
Aluminium (Al)	ND	ND	ND	ND	300	28130
Antimony (Sb)	ND	ND	ND	ND	10	560
Arsenic (As)	ND	ND	ND	ND	10	47
Barium (Ba)	ND	ND	ND	ND	10	18750
Boron (B)	ND	ND	ND	ND	50	15000
Cadmium (Cd)	ND	ND	ND	ND	5	17
Chromium (III) (Cr III) **	ND	ND	ND	ND	10	460
Chromium (VI) (Cr VI) **	ND	ND	ND	ND	0.025	0.053
Cobalt (Co)	ND	ND	ND	ND	10	130
Copper (Cu)	ND	ND	ND	ND	10	7700
Lead (Pb)	ND	ND	ND	ND	10	23
Manganese (Mn)	ND	ND	50	ND	10	15000
Mercury (Hg)	ND	ND	ND	ND	10	94
Nickel (Ni)	ND	ND	ND	ND	10	930
Selenium (Se)	ND	ND	ND	ND	10	460
Strontium (Sr)	ND	ND	ND	ND	100	56000
Tin (Sn)	ND	ND	ND	ND	2.5	180000
Organic tin **	ND	ND	ND	ND	5	12
Zinc (Zn)	ND	ND	ND	ND	100	46000

Element	Result (mg/kg)				Detection Limit (mg/kg)	Limit (mg/kg)
	(13)#	(14)#	(15)#	(16)#		
Aluminium (Al)	ND	ND	ND	ND	300	28130
Antimony (Sb)	ND	ND	ND	ND	10	560
Arsenic (As)	ND	ND	ND	ND	10	47
Barium (Ba)	ND	12	ND	ND	10	18750
Boron (B)	ND	ND	ND	ND	50	15000
Cadmium (Cd)	ND	ND	ND	ND	5	17
Chromium (III) (Cr III) **	ND	ND	ND	ND	10	460
Chromium (VI) (Cr VI) **	ND	ND	ND	ND	0.025	0.053
Cobalt (Co)	ND	ND	ND	ND	10	130
Copper (Cu)	ND	ND	ND	ND	10	7700

Test Report

Number: SHAH01886657S1

Tests Conducted

Lead (Pb)	ND	ND	ND	ND	10	23
Manganese (Mn)	ND	84	ND	ND	10	15000
Mercury (Hg)	ND	ND	ND	ND	10	94
Nickel (Ni)	ND	ND	ND	ND	10	930
Selenium (Se)	ND	ND	ND	ND	10	460
Strontium (Sr)	ND	ND	ND	ND	100	56000
Tin (Sn)	ND	ND	ND	ND	2.5	180000
Organic tin **	ND	ND	ND	ND	5	12
Zinc (Zn)	ND	ND	ND	ND	100	46000

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

Element	Result (mg/kg)				Detection Limit (mg/kg)	Limit (mg/kg)
	(21)#	(22)#	(23)#	(24)#		
Aluminium (Al)	ND	ND	ND	ND	300	28130
Antimony (Sb)	ND	ND	ND	ND	10	560
Arsenic (As)	ND	ND	ND	ND	10	47
Barium (Ba)	ND	ND	ND	ND	10	18750
Boron (B)	ND	ND	ND	ND	50	15000
Cadmium (Cd)	ND	ND	ND	ND	5	17
Chromium (III) (Cr III) **	ND	ND	ND	ND	10	460
Chromium (VI) (Cr VI) **	ND	ND	ND	ND	0.025	0.053
Cobalt (Co)	ND	ND	ND	ND	10	130



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Copper (Cu)	ND	ND	ND	ND	10	7700
Lead (Pb)	ND	ND	ND	ND	10	23
Manganese (Mn)	ND	ND	ND	ND	10	15000
Mercury (Hg)	ND	ND	ND	ND	10	94
Nickel (Ni)	ND	ND	ND	ND	10	930
Selenium (Se)	ND	ND	ND	ND	10	460
Strontium (Sr)	ND	ND	ND	ND	100	56000
Tin (Sn)	ND	ND	ND	ND	2.5	180000
Organic tin **	ND	ND	ND	ND	5	12
Zinc (Zn)	ND	ND	ND	ND	100	46000

Element	Result (mg/kg)			Detection Limit (mg/kg)	Limit (mg/kg)
	(25)#	(26)#	(27)#		
Aluminium (Al)	ND	ND	ND	300	28130
Antimony (Sb)	ND	ND	ND	10	560
Arsenic (As)	ND	ND	ND	10	47
Barium (Ba)	ND	ND	ND	10	18750
Boron (B)	ND	ND	ND	50	15000
Cadmium (Cd)	ND	ND	ND	5	17
Chromium (III) (Cr III) **	ND	ND	ND	10	460
Chromium (VI) (Cr VI) **	ND	ND	ND	0.025	0.053
Cobalt (Co)	ND	ND	ND	10	130
Copper (Cu)	ND	ND	ND	10	7700
Lead (Pb)	ND	ND	ND	10	23
Manganese (Mn)	ND	ND	ND	10	15000
Mercury (Hg)	ND	ND	ND	10	94
Nickel (Ni)	ND	ND	ND	10	930
Selenium (Se)	ND	ND	ND	10	460
Strontium (Sr)	ND	ND	ND	100	56000
Tin (Sn)	ND	ND	ND	2.5	180000
Organic tin **	ND	ND	ND	5	12
Zinc (Zn)	ND	ND	ND	100	46000

Remark: mg/kg = milligram per kilogram
 ++ = Unless the test results were marked with "#" or "Δ", Chromium (III) & Chromium (VI) and Organic tin contents were not directly determined and were derived from migration results of total chromium and tin respectively.
 - Organic tin test result was expressed as tributyl tin.
 ND = Not detected (less than detection limit)

= Confirmation of Chromium (VI) test was performed on the tested component. And the reported value of migration of Chromium (III) = migration value of total Chromium – migration value of Chromium(VI).

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



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Tests Conducted

(B) Categories of various toy materials

Category I: Dry, brittle, powder like or pliable

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

Category II: Liquid or sticky

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

Category III: Scraped-off

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

Date Sample Received: 30 Oct, 2025

Testing Period: 30 Oct, 2025 To 10 Nov, 2025

To be continued



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Tests Conducted

12 REACH Regulation (EC) No. 1907/2006 Annex XVII Entry 51 and Entry 52 & Amendments No. 552/2009 & (EU) 2018/2005 on Phthalates Content

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

I. Annex XVII Entry 51

Test Item	CAS No.	Result (% w/w)			Reporting Limit (%, w/w)	Limit (%, w/w)
		(1)	(2+3+4)	(5+6+7)		
Dibutyl phthalate (DBP)	84-74-2	ND	ND	ND	0.005	--
Diethyl hexyl phthalate (DEHP)	117-81-7	ND	ND	ND	0.005	--
Benzyl butyl phthalate (BBP)	85-68-7	ND	ND	ND	0.005	--
Diisobutyl phthalate (DIBP)	84-69-5	ND	ND	ND	0.005	--
Sum of DBP, DEHP, BBP and DIBP	--	ND	ND	ND	--	0.1

Test Item	CAS No.	Result (% w/w)		Reporting Limit (%, w/w)	Limit (%, w/w)
		(8+9+10)	(11+12+13)		
Dibutyl phthalate (DBP)	84-74-2	ND	ND	0.005	--
Diethyl hexyl phthalate (DEHP)	117-81-7	ND	ND	0.005	--
Benzyl butyl phthalate (BBP)	85-68-7	ND	ND	0.005	--
Diisobutyl phthalate (DIBP)	84-69-5	ND	ND	0.005	--
Sum of DBP, DEHP, BBP and DIBP	--	ND	ND	--	0.1

Test Item	CAS No.	Result (% w/w)			Reporting Limit (%, w/w)	Limit (%, w/w)
		(14+15+16)	(17+18)	(19)		
Dibutyl phthalate (DBP)	84-74-2	ND	ND	ND	0.005	--
Diethyl hexyl phthalate (DEHP)	117-81-7	ND	ND	ND	0.005	--
Benzyl butyl phthalate (BBP)	85-68-7	ND	ND	ND	0.005	--
Diisobutyl phthalate (DIBP)	84-69-5	ND	ND	ND	0.005	--
Sum of DBP, DEHP, BBP and DIBP	--	ND	ND	ND	--	0.1

Test Item	CAS No.	Result (% w/w)			Reporting Limit (%, w/w)	Limit (%, w/w)
		(20+21)	(22)	(23)		
Dibutyl phthalate (DBP)	84-74-2	ND	ND	ND	0.005	--
Diethyl hexyl phthalate (DEHP)	117-81-7	ND	ND	ND	0.005	--
Benzyl butyl phthalate (BBP)	85-68-7	ND	ND	ND	0.005	--
Diisobutyl phthalate (DIBP)	84-69-5	ND	ND	ND	0.005	--
Sum of DBP, DEHP, BBP and DIBP	--	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.

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	0.005	--
Diisononyl phthalate (DINP)	28553-12-0/ 68515-48-0	ND	ND	ND	0.005	--
Diisodecyl phthalate (DIDP)	26761-40-0/ 68515-49-1	ND	ND	ND	0.005	--



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Tests Conducted

Sum of DINP, DNOP and DIDP	--	ND	ND	ND	--	0.1
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Test Item	CAS No.	Result (% w/w)		Reporting Limit (% w/w)	Limit (% w/w)
		(8+9+10)	(11+12+13)		
Di-n-octyl phthalate (DnOP)	117-84-0	ND	ND	0.005	--
Diisononyl phthalate (DINP)	28553-12-0/ 68515-48-0	ND	ND	0.005	--
Diisodecyl phthalate (DIDP)	26761-40-0/ 68515-49-1	ND	ND	0.005	--
Sum of DINP, DNOP and DIDP	--	ND	ND	--	0.1

Test Item	CAS No.	Result (% w/w)			Reporting Limit (% w/w)	Limit (% w/w)
		(14+15+16)	(17+18)	(19)		
Di-n-octyl phthalate (DnOP)	117-84-0	ND	ND	ND	0.005	--
Diisononyl phthalate (DINP)	28553-12-0/ 68515-48-0	ND	ND	ND	0.005	--
Diisodecyl phthalate (DIDP)	26761-40-0/ 68515-49-1	ND	ND	ND	0.005	--
Sum of DINP, DNOP and DIDP	--	ND	ND	ND	--	0.1

Test Item	CAS No.	Result (% w/w)			Reporting Limit (% w/w)	Limit (% w/w)
		(20+21)	(22)	(23)		
Di-n-octyl phthalate (DnOP)	117-84-0	ND	ND	ND	0.005	--
Diisononyl phthalate (DINP)	28553-12-0/ 68515-48-0	ND	ND	ND	0.005	--
Diisodecyl phthalate (DIDP)	26761-40-0/ 68515-49-1	ND	ND	ND	0.005	--
Sum of DINP, DNOP and DIDP	--	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: 30 Oct, 2025

Testing Period: 30 Oct, 2025 To 10 Nov, 2025

To be continued

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Tests Conducted

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

With reference to methods EN 1122:2001 (Method B), acid digestion method was used and total Cadmium content was determined by Inductively Coupled Argon Plasma Spectrometry.

(Plastic Components)

Test Item	Result (%)			Detection Limit (%)	Limit(%) (Max.)
	(1)	(2+3+4)	(5+6+7)		
Cadmium (Cd)	ND	ND	ND	0.0005	0.01

Test Item	Result (%)			Detection Limit (%)	Limit(%) (Max.)
	(8+9+10)	(11+12+13)	(14+15+16)		
Cadmium (Cd)	ND	ND	ND	0.0005	0.01

Test Item	Result (%)			Detection Limit (%)	Limit(%) (Max.)
	(17+18)	(19)	(20+21)		
Cadmium (Cd)	ND	ND	ND	0.0005	0.01

Test Item	Result (%)		Detection Limit (%)	Limit(%) (Max.)
	(22)	(23)		
Cadmium (Cd)	ND	ND	0.0005	0.01

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

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

Date Sample Received: 30 Oct, 2025

Testing Period: 30 Oct, 2025 To 10 Nov,2025

To be continued

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Tests Conducted

14 REACH Regulation (EC) No. 1907/2006 Annex XVII Item 43 & Amendment (EC) No. 552/2009 and (EU) 2020/2096 on 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

	Forbidden	Cas No.	Result (ppm)	
			(1)	
			Method T	Method D
1.	4-Aminodiphenyl	92-67-1	ND	ND
2.	Benzidine	92-87-5	ND	ND
3.	4-Chloro-o-Toluidine	95-69-2	ND	ND
4.	2-Naphthylamine	91-59-8	ND	ND
5.	o-Aminoazotoluene	97-56-3	ND	ND
6.	2-Amino-4-Nitrotoluene	99-55-8	ND	ND
7.	p-Chloroaniline	106-47-8	ND	ND
8.	2,4-Diaminoanisole	615-05-4	ND	ND
9.	4,4'-Diaminodiphenylmethane	101-77-9	ND	ND
10.	3,3'-Dichlorobenzidine	91-94-1	ND	ND
11.	3,3'-Dimethoxybenzidine	119-90-4	ND	ND
12.	3,3'-Dimethylbenzidine	119-93-7	ND	ND
13.	3,3'-Dimethyl-4,4'diaminodiphenylmethane	838-88-0	ND	ND
14.	p-Cresidine	120-71-8	ND	ND
15.	4,4'-Methylene-Bis(2-Chloroaniline)	101-14-4	ND	ND
16.	4,4'-Oxydianiline	101-80-4	ND	ND
17.	4,4'-Thiodianiline	139-65-1	ND	ND
18.	o-Toluidine	95-53-4	ND	ND
19.	2,4-Toluylenediamine	95-80-7	ND	ND
20.	2,4,5-Trimethylaniline	137-17-7	ND	ND
21.	o-Anisidine	90-04-0	ND	ND
22.	p-Aminoazobenzene	60-09-3	ND	ND

	Forbidden	Cas No.	Result (ppm)	
			(2+3+4)	
			Method T	Method D
1.	4-Aminodiphenyl	92-67-1	ND	ND
2.	Benzidine	92-87-5	ND	ND
3.	4-Chloro-o-Toluidine	95-69-2	ND	ND
4.	2-Naphthylamine	91-59-8	ND	ND
5.	o-Aminoazotoluene	97-56-3	ND	ND
6.	2-Amino-4-Nitrotoluene	99-55-8	ND	ND
7.	p-Chloroaniline	106-47-8	ND	ND
8.	2,4-Diaminoanisole	615-05-4	ND	ND
9.	4,4'-Diaminodiphenylmethane	101-77-9	ND	ND
10.	3,3'-Dichlorobenzidine	91-94-1	ND	ND
11.	3,3'-Dimethoxybenzidine	119-90-4	ND	ND
12.	3,3'-Dimethylbenzidine	119-93-7	ND	ND
13.	3,3'-Dimethyl-4,4'diaminodiphenylmethane	838-88-0	ND	ND
14.	p-Cresidine	120-71-8	ND	ND
15.	4,4'-Methylene-Bis(2-Chloroaniline)	101-14-4	ND	ND



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16.	4,4'-Oxydianiline	101-80-4	ND	ND
17.	4,4'-Thiodianiline	139-65-1	ND	ND
18.	o-Toluidine	95-53-4	ND	ND
19.	2,4-Toluylenediamine	95-80-7	ND	ND
20.	2,4,5-Trimethylaniline	137-17-7	ND	ND
21.	o-Anisidine	90-04-0	ND	ND
22.	p-Aminoazobenzene	60-09-3	ND	ND

	Forbidden	Cas No.	Result (ppm)	
			(5+6+7)	
			Method T	Method D
1.	4-Aminodiphenyl	92-67-1	ND	ND
2.	Benzidine	92-87-5	ND	ND
3.	4-Chloro-o-Toluidine	95-69-2	ND	ND
4.	2-Naphthylamine	91-59-8	ND	ND
5.	o-Aminoazotoluene	97-56-3	ND	ND
6.	2-Amino-4-Nitrotoluene	99-55-8	ND	ND
7.	p-Chloroaniline	106-47-8	ND	ND
8.	2,4-Diaminoanisole	615-05-4	ND	ND
9.	4,4'-Diaminodiphenylmethane	101-77-9	ND	ND
10.	3,3'-Dichlorobenzidine	91-94-1	ND	ND
11.	3,3'-Dimethoxybenzidine	119-90-4	ND	ND
12.	3,3'-Dimethylbenzidine	119-93-7	ND	ND
13.	3,3'-Dimethyl-4,4'diaminodiphenylmethane	838-88-0	ND	ND
14.	p-Cresidine	120-71-8	ND	ND
15.	4,4'-Methylene-Bis(2-Chloroaniline)	101-14-4	ND	ND
16.	4,4'-Oxydianiline	101-80-4	ND	ND
17.	4,4'-Thiodianiline	139-65-1	ND	ND
18.	o-Toluidine	95-53-4	ND	ND
19.	2,4-Toluylenediamine	95-80-7	ND	ND
20.	2,4,5-Trimethylaniline	137-17-7	ND	ND
21.	o-Anisidine	90-04-0	ND	ND
22.	p-Aminoazobenzene	60-09-3	ND	ND

	Forbidden	Cas No.	Result (ppm)	
			(8+9+10)	
			Method T	Method D
1.	4-Aminodiphenyl	92-67-1	ND	ND
2.	Benzidine	92-87-5	ND	ND
3.	4-Chloro-o-Toluidine	95-69-2	ND	ND
4.	2-Naphthylamine	91-59-8	ND	ND
5.	o-Aminoazotoluene	97-56-3	ND	ND
6.	2-Amino-4-Nitrotoluene	99-55-8	ND	ND
7.	p-Chloroaniline	106-47-8	ND	ND
8.	2,4-Diaminoanisole	615-05-4	ND	ND
9.	4,4'-Diaminodiphenylmethane	101-77-9	ND	ND
10.	3,3'-Dichlorobenzidine	91-94-1	ND	ND
11.	3,3'-Dimethoxybenzidine	119-90-4	ND	ND
12.	3,3'-Dimethylbenzidine	119-93-7	ND	ND
13.	3,3'-Dimethyl-4,4'diaminodiphenylmethane	838-88-0	ND	ND
14.	p-Cresidine	120-71-8	ND	ND
15.	4,4'-Methylene-Bis(2-Chloroaniline)	101-14-4	ND	ND
16.	4,4'-Oxydianiline	101-80-4	ND	ND



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Tests Conducted

17.	4,4'-Thiodianiline	139-65-1	ND	ND
18.	o-Toluidine	95-53-4	ND	ND
19.	2,4-Toluylenediamine	95-80-7	ND	ND
20.	2,4,5-Trimethylaniline	137-17-7	ND	ND
21.	o-Anisidine	90-04-0	ND	ND
22.	p-Aminoazobenzene	60-09-3	ND	ND

	Forbidden	Cas No.	Result (ppm)	
			(11+12+13)	
			Method T	Method D
1.	4-Aminodiphenyl	92-67-1	ND	ND
2.	Benzidine	92-87-5	ND	ND
3.	4-Chloro-o-Toluidine	95-69-2	ND	ND
4.	2-Naphthylamine	91-59-8	ND	ND
5.	o-Aminoazotoluene	97-56-3	ND	ND
6.	2-Amino-4-Nitrotoluene	99-55-8	ND	ND
7.	p-Chloroaniline	106-47-8	ND	ND
8.	2,4-Diaminoanisole	615-05-4	ND	ND
9.	4,4'-Diaminodiphenylmethane	101-77-9	ND	ND
10.	3,3'-Dichlorobenzidine	91-94-1	ND	ND
11.	3,3'-Dimethoxybenzidine	119-90-4	ND	ND
12.	3,3'-Dimethylbenzidine	119-93-7	ND	ND
13.	3,3'-Dimethyl-4,4'diaminodiphenylmethane	838-88-0	ND	ND
14.	p-Cresidine	120-71-8	ND	ND
15.	4,4'-Methylene-Bis(2-Chloroaniline)	101-14-4	ND	ND
16.	4,4'-Oxydianiline	101-80-4	ND	ND
17.	4,4'-Thiodianiline	139-65-1	ND	ND
18.	o-Toluidine	95-53-4	ND	ND
19.	2,4-Toluylenediamine	95-80-7	ND	ND
20.	2,4,5-Trimethylaniline	137-17-7	ND	ND
21.	o-Anisidine	90-04-0	ND	ND
22.	p-Aminoazobenzene	60-09-3	ND	ND

	Forbidden	Cas No.	Result (ppm)	
			(14+15+16)	
			Method T	Method D
1.	4-Aminodiphenyl	92-67-1	ND	ND
2.	Benzidine	92-87-5	ND	ND
3.	4-Chloro-o-Toluidine	95-69-2	ND	ND
4.	2-Naphthylamine	91-59-8	ND	ND
5.	o-Aminoazotoluene	97-56-3	ND	ND
6.	2-Amino-4-Nitrotoluene	99-55-8	ND	ND
7.	p-Chloroaniline	106-47-8	ND	ND
8.	2,4-Diaminoanisole	615-05-4	ND	ND
9.	4,4'-Diaminodiphenylmethane	101-77-9	ND	ND
10.	3,3'-Dichlorobenzidine	91-94-1	ND	ND
11.	3,3'-Dimethoxybenzidine	119-90-4	ND	ND
12.	3,3'-Dimethylbenzidine	119-93-7	ND	ND
13.	3,3'-Dimethyl-4,4'diaminodiphenylmethane	838-88-0	ND	ND
14.	p-Cresidine	120-71-8	ND	ND
15.	4,4'-Methylene-Bis(2-Chloroaniline)	101-14-4	ND	ND
16.	4,4'-Oxydianiline	101-80-4	ND	ND
17.	4,4'-Thiodianiline	139-65-1	ND	ND



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18.	o-Toluidine	95-53-4	ND	ND
19.	2,4-Toluylenediamine	95-80-7	ND	ND
20.	2,4,5-Trimethylaniline	137-17-7	ND	ND
21.	o-Anisidine	90-04-0	ND	ND
22.	p-Aminoazobenzene	60-09-3	ND	ND

	Forbidden	Cas No.	Result (ppm)	
			(17+18)	
			Method T	Method D
1.	4-Aminodiphenyl	92-67-1	ND	ND
2.	Benzidine	92-87-5	ND	ND
3.	4-Chloro-o-Toluidine	95-69-2	ND	ND
4.	2-Naphthylamine	91-59-8	ND	ND
5.	o-Aminoazotoluene	97-56-3	ND	ND
6.	2-Amino-4-Nitrotoluene	99-55-8	ND	ND
7.	p-Chloroaniline	106-47-8	ND	ND
8.	2,4-Diaminoanisole	615-05-4	ND	ND
9.	4,4'-Diaminodiphenylmethane	101-77-9	ND	ND
10.	3,3'-Dichlorobenzidine	91-94-1	ND	ND
11.	3,3'-Dimethoxybenzidine	119-90-4	ND	ND
12.	3,3'-Dimethylbenzidine	119-93-7	ND	ND
13.	3,3'-Dimethyl-4,4'diaminodiphenylmethane	838-88-0	ND	ND
14.	p-Cresidine	120-71-8	ND	ND
15.	4,4'-Methylene-Bis(2-Chloroaniline)	101-14-4	ND	ND
16.	4,4'-Oxydianiline	101-80-4	ND	ND
17.	4,4'-Thiodianiline	139-65-1	ND	ND
18.	o-Toluidine	95-53-4	ND	ND
19.	2,4-Toluylenediamine	95-80-7	ND	ND
20.	2,4,5-Trimethylaniline	137-17-7	ND	ND
21.	o-Anisidine	90-04-0	ND	ND
22.	p-Aminoazobenzene	60-09-3	ND	ND

	Forbidden	Cas No.	Result (ppm)	
			(23)	
			Method T	Method D
1.	4-Aminodiphenyl	92-67-1	ND	ND
2.	Benzidine	92-87-5	ND	ND
3.	4-Chloro-o-Toluidine	95-69-2	ND	ND
4.	2-Naphthylamine	91-59-8	ND	ND
5.	o-Aminoazotoluene	97-56-3	ND	ND
6.	2-Amino-4-Nitrotoluene	99-55-8	ND	ND
7.	p-Chloroaniline	106-47-8	ND	ND
8.	2,4-Diaminoanisole	615-05-4	ND	ND
9.	4,4'-Diaminodiphenylmethane	101-77-9	ND	ND
10.	3,3'-Dichlorobenzidine	91-94-1	ND	ND
11.	3,3'-Dimethoxybenzidine	119-90-4	ND	ND
12.	3,3'-Dimethylbenzidine	119-93-7	ND	ND
13.	3,3'-Dimethyl-4,4'diaminodiphenylmethane	838-88-0	ND	ND
14.	p-Cresidine	120-71-8	ND	ND
15.	4,4'-Methylene-Bis(2-Chloroaniline)	101-14-4	ND	ND
16.	4,4'-Oxydianiline	101-80-4	ND	ND
17.	4,4'-Thiodianiline	139-65-1	ND	ND
18.	o-Toluidine	95-53-4	ND	ND



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19.	2,4-Toluylenediamine	95-80-7	ND	ND
20.	2,4,5-Trimethylaniline	137-17-7	ND	ND
21.	o-Anisidine	90-04-0	ND	ND
22.	p-Aminoazobenzene	60-09-3	ND	ND

	Forbidden	Cas No.	Result (ppm)	
			(26+27)	
			Method T	Method D
1.	4-Aminodiphenyl	92-67-1	ND	ND
2.	Benzidine	92-87-5	ND	ND
3.	4-Chloro-o-Toluidine	95-69-2	ND	ND
4.	2-Naphthylamine	91-59-8	ND	ND
5.	o-Aminoazotoluene	97-56-3	ND	ND
6.	2-Amino-4-Nitrotoluene	99-55-8	ND	ND
7.	p-Chloroaniline	106-47-8	ND	ND
8.	2,4-Diaminoanisole	615-05-4	ND	ND
9.	4,4'-Diaminodiphenylmethane	101-77-9	ND	ND
10.	3,3'-Dichlorobenzidine	91-94-1	ND	ND
11.	3,3'-Dimethoxybenzidine	119-90-4	ND	ND
12.	3,3'-Dimethylbenzidine	119-93-7	ND	ND
13.	3,3'-Dimethyl-4,4'diaminodiphenylmethane	838-88-0	ND	ND
14.	p-Cresidine	120-71-8	ND	ND
15.	4,4'-Methylene-Bis(2-Chloroaniline)	101-14-4	ND	ND
16.	4,4'-Oxydianiline	101-80-4	ND	ND
17.	4,4'-Thiodianiline	139-65-1	ND	ND
18.	o-Toluidine	95-53-4	ND	ND
19.	2,4-Toluylenediamine	95-80-7	ND	ND
20.	2,4,5-Trimethylaniline	137-17-7	ND	ND
21.	o-Anisidine	90-04-0	ND	ND
22.	p-Aminoazobenzene	60-09-3	ND	ND

Remark: ND = 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: 30 Oct, 2025

Testing Period: 30 Oct, 2025 To 10 Nov, 2025

To be continued



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Tests Conducted

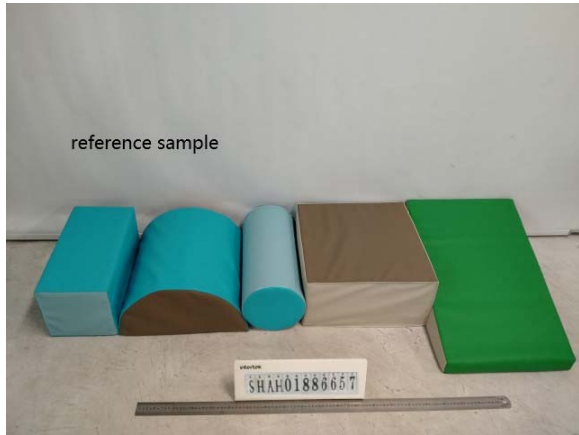
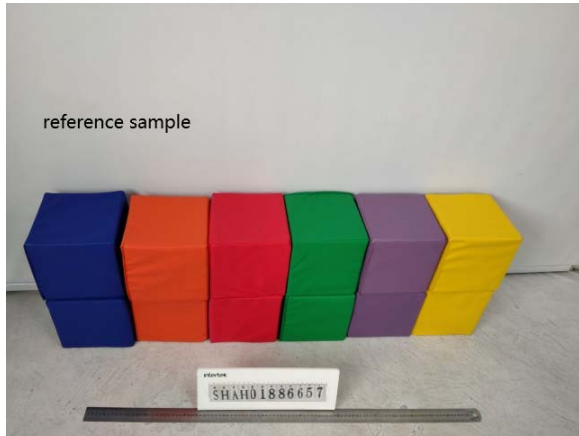
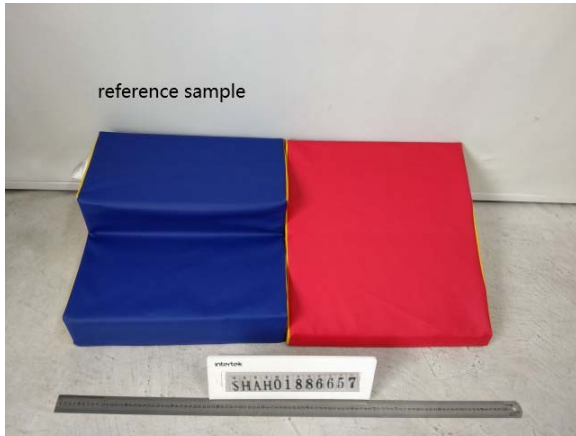


To be continued

Test Report

Number: SHAH01886657S1

Tests Conducted

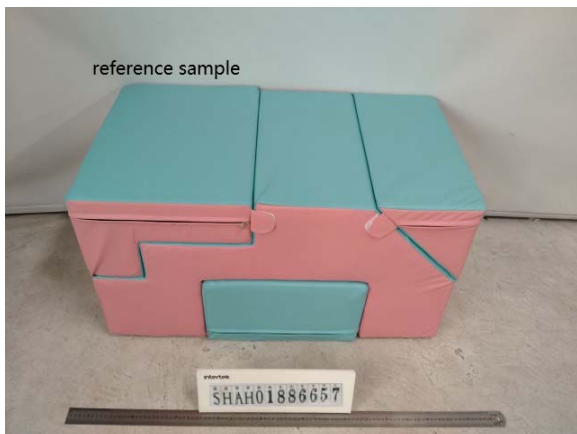
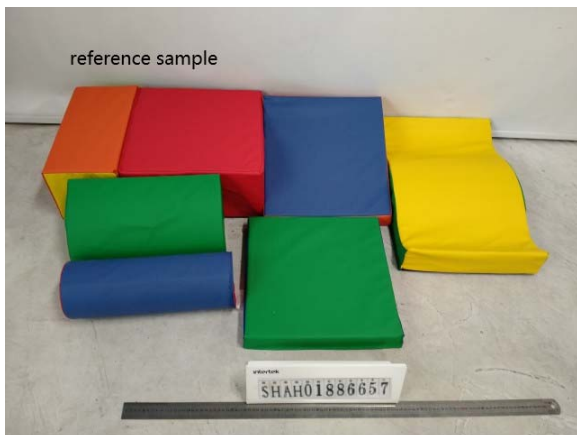


To be continued

Test Report

Number: SHAH01886657S1

Tests Conducted

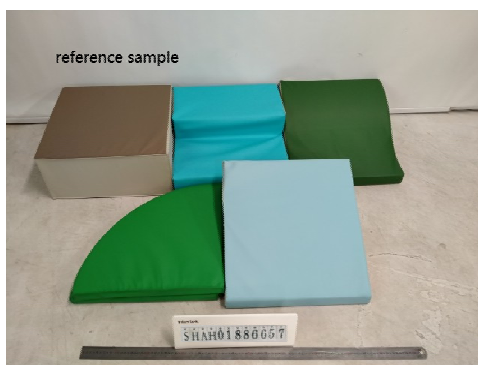
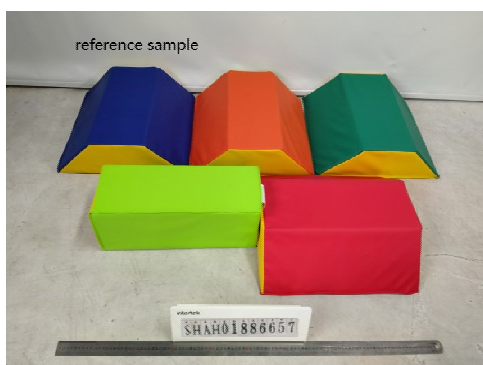
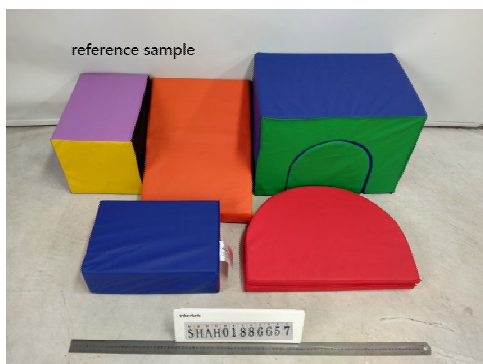


To be continued

Test Report

Number: SHAH01886657S1

Tests Conducted



To be continued

Test Report

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Tests Conducted

Components:

- (1) Black fabric with transparent dot.
- (2) Light green leatherette.
- (3) Purple leatherette.
- (4) Pink leatherette.
- (5) Violet leatherette.
- (6) Blue leatherette.
- (7) Light blue leatherette.
- (8) Grey leatherette.
- (9) Forest green leatherette.
- (10) Deep green leatherette.
- (11) Brown leatherette.
- (12) Red leatherette.
- (13) Orange leatherette.
- (14) Purple leatherette.
- (15) Yellow leatherette.
- (16) Dark green leatherette.
- (17) Sky blue leatherette.
- (18) Light pink leatherette.
- (19) Black plastic(zipper teeth).
- (20) White Velcro hook.
- (21) Black Velcro hook.
- (22) White sponge.
- (23) White fabric with black printing(label).
- (24) White non-woven fabric.
- (25) White Velcro loop.
- (26) Black Velcro loop.
- (27) Black fabric(zipper tape).
- (28) Silver metal(zipper puller).
- (29) Silver metal(zipper slider).

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: NINGBO YINZHOU WANLI SPORTING GOODS CO., LTD

Attention: XIA JIAN RONG

Date: 26 Dec, 2025

Re: Report Revision Notification

Intertek Testing Services Ltd.,Zhejiang Ningbo Branch Report Number SHAH01886657 Dated 18 Nov, 2025.

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 Ltd.,Zhejiang Ningbo Branch Report Number **SHAH01886657S1**.

Reason for report revision: Revised the information

Thank you for your attention.

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



Bobo Yao
Assistant General Manager

