Test Report Number: SHAH01866805S102

Applicant: LIYOU INDUSTRIAL CO., LTD
YANGWAN INDUSTRIAL ZONE QIAOXIA TOWN
YONGJIACOUNTY.ZHEJIANG,CHINA
Attn: PAN HUI QIAN

Date: 11 Dec, 2025

THIS IS TO SUPERSEDE REPORT NO. SHAH01866805 DATED 10 Dec, 2025

Sample Description:

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

Item Name	:	**KID'S SWING AND SLIDE SET;KID'S SLIDE SET;TODDLER SLIDE AND CLIMBING SET.**
Item No.	:	**LY-2897A;LY-2897B;LY-2897C;LY-2897D;LY-2897E;LY-2897F.**
Reference No.	:	LY-2896A;LY-2896B;LY-2896C;LY-2896D;LY-2896E;LY-2896F.
Quantity	:	2 Sets.
Packaging Provided By Applicant	:	Yes(Artwork).
Labelled Age Group	:	1-5 years.
Country Of Origin	:	China.

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Tests Conducted:

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

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To be continued

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

Bobo Yao
Assistant General Manager

INTERTEK TESTING SERVICES LTD. ZHEJIANG NINGBO BRANCH 浙江天祥质量技术服务有限公司宁波分公司 检验检测专用章 (2)

Intertek Testing Services Ltd .Zhejiang, Ningbo Branch
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Test Report Number： SHAH01866805S102

Conclusion:

Tested Samples	Standard	Result
Tested Components of Submitted Sample	U.S. ASTM F963-23 Section 4.3.5.1 on Soluble Elements Content in Surface Coating	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. ASTM F963-23 Section 4.3.5.2 on Total Lead Content in Substrate	Pass
	U.S. ASTM F963-23 Section 4.3.5.1 on Total Lead Content in Surface Coating	Pass
	U.S. Consumer Product Safety Improvement Act 2008 title I, section 101 for total Lead content in non-surface coating materials (substrate)	Pass
	U.S. Consumer Product Safety Improvement Act 2008 title I, section 101 for total Lead content in surface coating	Pass
	US Consumer Product Safety Improvement Act 2008 Title I, Sec 108(a) & (b)(3) and US 16 CFR Part 1307 for Prohibition of Children's Toys and Child Care Articles Containing Specified Phthalates	Pass
	Canada Consumer Products Containing Lead Regulations SOR/2018-83	Pass
	Canada Consumer Product Safety Act Phthalates Regulation SOR/2016-188 requirement on phthalates content	Pass
	Canada Consumer Product Safety Act Toys Regulations SOR/2011-17 Section 23 and amendment SOR/2022-122 on toxic elements test	Pass
	Canada Consumer Product Safety Act Toys Regulation SOR/2011-17 Section 27(a)&(b) for accessible plastic material in toys for children under 3 years of age	Pass

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To be continued

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Tests Conducted

1 U.S. ASTM F963-23 Section 4.3.5.1 on Soluble Elements Content

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

Test Item	Result (mg/kg)	Reporting Limit (mg/kg)	Limit (mg/kg)
	(1)		
Sol. Barium (Ba)	539.7#	5	1000
Sol. Lead (Pb)	ND	5	90
Sol. Cadmium (Cd)	ND	5	75
Sol. Antimony (Sb)	ND	5	60
Sol. Selenium (Se)	ND	5	500
Sol. Chromium (Cr)	ND	5	60
Sol. Mercury (Hg)	ND	5	60
Sol. Arsenic (As)	ND	2.5	25

Remark： mg/kg = milligram per kilogram =ppm
Sol. = Soluble
ND= Not detected (Less than reporting limit)
# = The analytical results were adjusted by subtracting analytical correction factor.

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

Date Sample Received： 05 Sep, 2025
Testing Period：05 Sep, 2025 To 10 Sep, 2025

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To be continued

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Tests Conducted

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

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

Test Item	Result (mg/kg)		Reporting Limit (mg/kg)	Limit (mg/kg)
	(2)to(22)	(25)to(27)		
Sol. Barium (Ba)	ND	ND	5	1000
Sol. Lead (Pb)	ND	ND	5	90
Sol. Cadmium (Cd)	ND	ND	5	75
Sol. Antimony (Sb)	ND	ND	5	60
Sol. Selenium (Se)	ND	ND	5	500
Sol. Chromium (Cr)	ND	ND	5	60
Sol. Mercury (Hg)	ND	ND	5	60
Sol. Arsenic (As)	ND	ND	2.5	25

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

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

Date Sample Received： 05 Sep, 2025
Testing Period：05 Sep, 2025 To 04 Dec, 2025

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To be continued

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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)	(8+9+10)		
Dibutyl phthalate (DBP)	ND	ND	ND	ND	0.01	0.1
Di-(2-ethylhexyl) phthalate (DEHP)	ND	ND	ND	ND	0.01	0.1
Benzyl butyl phthalate (BBP)	ND	ND	ND	ND	0.01	0.1
Diisononyl phthalate (DINP)	ND	ND	ND	ND	0.01	0.1
Diisobutyl phthalate (DIBP)	ND	ND	ND	ND	0.01	0.1
Di-n-pentyl phthalate (DPENP)	ND	ND	ND	ND	0.01	0.1
Di-n-hexyl phthalate (DHEXP)	ND	ND	ND	ND	0.01	0.1
Dicyclohexyl phthalate (DCHP)	ND	ND	ND	ND	0.01	0.1

Test Item	Result (%)				Detection Limit (%)	Limit (%) (Max.)
	(11+12+13)	(14+15)	(16+17)	(18)		
Dibutyl phthalate (DBP)	ND	ND	ND	ND	0.01	0.1
Di-(2-ethylhexyl) phthalate (DEHP)	ND	ND	ND	ND	0.01	0.1
Benzyl butyl phthalate (BBP)	ND	ND	ND	ND	0.01	0.1
Diisononyl phthalate (DINP)	ND	ND	ND	ND	0.01	0.1
Diisobutyl phthalate (DIBP)	ND	ND	ND	ND	0.01	0.1
Di-n-pentyl phthalate (DPENP)	ND	ND	ND	ND	0.01	0.1
Di-n-hexyl phthalate (DHEXP)	ND	ND	ND	ND	0.01	0.1
Dicyclohexyl phthalate (DCHP)	ND	ND	ND	ND	0.01	0.1

Test Item	Result (%)			Detection Limit (%)	Limit (%) (Max.)
	(19+20)	(25+26)	(27)		
Dibutyl phthalate (DBP)	ND	ND	ND	0.01	0.1
Di-(2-ethylhexyl) phthalate (DEHP)	ND	ND	ND	0.01	0.1
Benzyl butyl phthalate (BBP)	ND	ND	ND	0.01	0.1
Diisononyl phthalate (DINP)	ND	ND	ND	0.01	0.1
Diisobutyl phthalate (DIBP)	ND	ND	ND	0.01	0.1
Di-n-pentyl phthalate (DPENP)	ND	ND	ND	0.01	0.1
Di-n-hexyl phthalate (DHEXP)	ND	ND	ND	0.01	0.1
Dicyclohexyl phthalate (DCHP)	ND	ND	ND	0.01	0.1

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Tests Conducted

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

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

Date Sample Received： 05 Sep, 2025
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To be continued

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Tests Conducted

4 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)
	(2+3+4)	(5+6+7)	(8+9+10)	(11+12+13)	(14+15)		
Lead(Pb)	ND	ND	ND	ND	ND	10	100

Test Item	Result in ppm					Reproting Limit (ppm)	Limit (ppm)
	(16+17)	(18)	(19+20)	(23+24)	(25+26)		
Lead(Pb)	ND	ND	ND	ND	ND	10	100

Test Item	Result in ppm	Reproting Limit (ppm)	Limit (ppm)
	(27)		
Lead(Pb)	ND	10	100

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

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

Date Sample Received： 05 Sep, 2025
Testing Period：05 Sep, 2025 To 04 Dec, 2025

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To be continued

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Tests Conducted

5 U.S. ASTM F963-23 Section 4.3.5.1 on Total Lead Content in Surface Coating

As per section 4.3.5 of the ASTM standard consumer safety specification on toy safety F963-23, test method CPSC-CH-E1003-09.1 was/were used and total Lead content was determined by Inductively Coupled Argon Plasma Spectrometry.

Test Item	Result in ppm (1)	Reproting Limit (ppm)	Limit (ppm)
Lead(Pb)	ND	10	90

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

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

Date Sample Received： 05 Sep, 2025
Testing Period：05 Sep, 2025 To 10 Sep, 2025

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To be continued

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Tests Conducted

6 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.

Tested Components	Result (ppm)	Limit (ppm)
(2+3+4)	<10	100
(5+6+7)	<10	100
(8+9+10)	<10	100
(11+12+13)	<10	100
(14+15)	<10	100
(16+17)	<10	100
(18)	<10	100
(19+20)	<10	100
(23+24)	<10	100
(25+26)	<10	100
(27)	<10	100

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

Remark：ppm = Parts per million = mg/kg

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

Date Sample Received： 05 Sep, 2025
Testing Period：05 Sep, 2025 To 04 Dec, 2025

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To be continued

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Tests Conducted

7 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.

Tested Component	Result (ppm)	Limit (ppm)
(1)	<20	90

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

Remark：ppm = Parts per million = mg/kg

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

Date Sample Received： 05 Sep, 2025
Testing Period：05 Sep, 2025 To 10 Sep, 2025

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To be continued

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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.

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)	
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.)
	(16+17)	(18)	(19+20)	
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.)
	(25+26)	(27)	
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.

Date Sample Received： 05 Sep, 2025
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To be continued

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Tests Conducted

9 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)		
Lead	ND	ND	ND	10	90

Test Item	Result (mg/kg)			Reporting Limit (mg/kg)	Limit (mg/kg)
	(16+17)	(18)	(19+20)		
Lead	ND	ND	ND	10	90

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

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

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

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

Date Sample Received： 05 Sep, 2025
Testing Period：05 Sep, 2025 To 04 Dec, 2025

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To be continued

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Test Report Number： SHAH01866805S102

Tests Conducted

10 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.)
	(2+3+4)	(5+6+7)	(8+9+10)	(11+12+13)		
Di-butyl phthalate (DBP)	ND	ND	ND	ND	100	1000
Di(2-ethyl hexyl) phthalate (DEHP)	ND	ND	ND	ND	100	1000
Benzyl butyl phthalate (BBP)	ND	ND	ND	ND	100	1000
Di-iso-nonyl phthalate (DINP)	ND	ND	ND	ND	100	1000
Di-n-octyl phthalate (DNOP)	ND	ND	ND	ND	100	1000
Di-iso-decyl phthalate (DIDP)	ND	ND	ND	ND	100	1000

Test Item	Result (mg/kg)				Detection Limit (mg/kg)	Limit (mg/kg) (Max.)
	(14+15)	(16+17)	(18)	(19+20)		
Di-butyl phthalate (DBP)	ND	ND	ND	ND	100	1000
Di(2-ethyl hexyl) phthalate (DEHP)	ND	ND	ND	ND	100	1000
Benzyl butyl phthalate (BBP)	ND	ND	ND	ND	100	1000
Di-iso-nonyl phthalate (DINP)	ND	ND	ND	ND	100	1000
Di-n-octyl phthalate (DNOP)	ND	ND	ND	ND	100	1000
Di-iso-decyl phthalate (DIDP)	ND	ND	ND	ND	100	1000

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

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： 05 Sep, 2025
Testing Period：05 Sep, 2025 To 04 Dec, 2025

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To be continued

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Tests Conducted

11 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) (1)	Reporting Limit (mg/kg)	Limit (mg/kg)
Tot. Lead (Pb)	ND	10	90
Tot. Mercury (Hg)	ND	0.047	10
Sol. Cadmium (Cd)	ND	5	1000
Sol. Antimony (Sb)	ND	5	1000
Sol. Selenium (Se)	ND	5	1000
Sol. Arsenic (As)	ND	2.5	1000
Sol. Barium (Ba)	539.7#	5	1000

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

Remark : Tot. = Total
Sol. = Soluble
ND = Not detected (Less than reporting limit)
# = The results were adjusted by subtracting analytical correction factor.

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

Date Sample Received： 05 Sep, 2025
Testing Period：05 Sep, 2025 To 04 Nov, 2025

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To be continued

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Test Report Number： SHAH01866805S102

Tests Conducted

12 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 (mg/kg)	Limit (mg/kg)
	(2)to(20)	(25)to(27)		
Tot. Lead (Pb)	ND	ND	10	90
Sol. Barium (Ba)	ND	ND	5	1000
Sol. Mercury (Hg)	ND	ND	5	60
Sol. Cadmium (Cd)	ND	ND	5	75
Sol. Antimony (Sb)	ND	ND	5	60
Sol. Chromium (Cr)	ND	ND	5	60
Sol. Selenium (Se)	ND	ND	5	500
Sol. Arsenic (As)	ND	ND	2.5	25

Remark：mg/kg = Milligram per kilogram
ND = Not Detected (Less than detection limit)
Tot. = Total
Sol. = Soluble

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

Date Sample Received： 05 Sep, 2025
Testing Period：05 Sep, 2025 To 04 Dec, 2025

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To be continued

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Tests Conducted




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To be continued

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Tests Conducted






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To be continued

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Tests Conducted






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To be continued

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Tests Conducted

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To be continued

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Tests Conducted





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To be continued

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Test Report Number： SHAH01866805S102

Tests Conducted

Components:

(1) Grey coating on metal
(2) Black plastic (ball pump)
(3) Red plastic (ball pump)
(4) White plastic (ball pump)
(5) White plastic (body)
(6) Yellow plastic(body)
(7) Deep cyan plastic(body)
(8) Pink plastic (body)
(9) Grey plastic (basketball loop)
(10) Grey plastic (telescope)
(11) Grey plastic (support of telescope)
(12) Transparent plastic (telescope)
(13) Dark grey plastic(screw)
(14) Red plastic (helm)
(15) Grey plastic (all fastener)
(16) Black plastic (stopper of ball pump)
(17) Grey plastic (stopper of pole)
(18) Brown soft plastic with black printing (basketball)
(19) Grey soft plastic (stairs cushion)
(20) Beige soft plastic(ball charging port).
(21) White string (net)
(22) Cyan string (net)
(23) Silver metal(pole).
(24) Silver metal(pole button).
(25) Blue plastic(slide/swing chair/aisle side panel/slide side panel)
(26) Grey plastic(slide/swing chair/aisle side panel/slide side panel)
(27) White soft plastic with adhesive

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End of report

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To: LIYOU INDUSTRIAL CO., LTD

Attention: PAN HUI QIAN Date: 11 Dec, 2025

Re: Report Revision Notification

Intertek Testing Services Ltd.,Zhejiang Ningbo Branch Report Number SHAH01866805 Dated 10 Dec, 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 **SHAH01866805S102.**

Reason for report revision： Revised the test item.

Thank you for your attention.

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

Bobo Yao
Assistant General Manager

Intertek Testing Services Ltd .Zhejiang, Ningbo Branch
浙江天祥质量技术服务有限公司宁波分公司

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