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Test Report

NUMBER : TSNH00559785-S1

Applicant : Handan Beiku Intelligent Technology Co., Ltd
North of West Section of Yingbin Road, Central District, Economic Development Zone, Quzhou County, Handan City, Hebei Province
Attn :Zhang Xinyu

Date : Nov 07,2025
This is to superseded report TSNH00559785 dated Oct 27, 2025

Photo:



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To be continued

Authorized By :
For Intertek Testing Services
(Tianjin) Ltd.

David Zhang
Asst.General Manager

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Sample Description:
One (1) submitted sample said to be
Item No. : NEL—R1800GS

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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

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Test Report

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Conclusion：

Tested Sample/component	Standard	Result
Submitted Samples	U.S. ASTM F963-23 Standard Consumer Safety Specification for Toy Safety – Physical and mechanical test and Flammability part	Pass
Submitted Samples	U.S. CFR Title 16 (CPSC Regulations) Mechanical and Physical Tests	Pass
Submitted samples	U.S. Code of Federal Regulations Title 16 Part 1501 – method for identifying toys and other articles intended for use by children under 3 years of age which present choking, aspiration, or ingestion hazards because of small parts.	Not Applicable
Submitted samples	Consumer product safety improvement Act (CPSIA) 2008 section 103 Tracking labels for children products	Pass
Submitted Samples	U.S. CFR Title 16 (CPSC Regulations) Part 1500.3(c)(6)(vi) Flammability Test On Rigid And Pliable Solids	Pass
(1),(2),(3),(4),(5),(6),(7),(8),(9),(10),(11),(12),(13),(14),(15),(16),(17),(18),(19),(20),(21),(22),(23),(24),(25),(28),(29),(30),(31),(32),(33),(34),(35),(36),(37),(38),(39),(40)	ASTM F963:2023-4.3.5.2: Lead Content in Accessible Component Parts	Pass
(26),(27)	Products comply with the following provisions of ASTM F963:2023-4.3 Toxicology: ASTM F963:2023-4.3.5.1: Lead Content in Paint or Similar Surface Coating	Pass
(26),(27)	ASTM F963:2023-4.3.5.1: -Soluble Heavy Metal Content in Surface Coating	Pass
(1),(2),(3),(4),(5),(6),(7),(8),(9),(10),(11),(12),(13),(14),(15),(16),(17),(18),(19),(20),(21),(22),(23),(24),(25),(38)	ASTM F963:2023-4.3.5.2: -Soluble Heavy Metal Content in Substrate	Pass
(26),(27)	U.S. Code of Federal Regulations title 16 part 1303 for total Lead content in surface coating	Pass
(26),(27)	U.S. Consumer Product Safety Improvement Act 2008 title I, section 101 for total Lead content in surface coating	Pass
(1),(2),(3),(4),(5),(6),(7),(8),(9),(10),(11),(12),(13),(14),(15),(16),	U.S. Consumer Product Safety Improvement Act 2008 title I, section 101 for total Lead	Pass

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(17),(18),(19),(20),(21),(22),(23),(24),(25),(28),(29),(30),(31),(32),(33),(34),(35),(36),(37),(38),(39),(40)	content in non-surface coating materials (substrate)	
(1),(2),(3),(4),(5),(6),(7),(8),(9),(10),(11),(12),(13),(14),(15),(16),(17),(18),(19),(20),(21),(22),(23),(24),(25),(26),(27),(38)	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
(1),(2),(3),(4),(5),(6),(7),(8),(9),(10),(11),(12),(13),(14),(15),(16),(17),(18),(19),(20),(21),(22),(23),(24),(25),(26),(27),(38)	ASTM F963:2023-4.3.8: Presence of Phthalates in Plasticized Materials	Pass

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To be continued

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Conclusion：

Tested components	Standard	Result
(41),(42)	ASTM F963:2023-4.3.5.2: Lead Content in Accessible Component Parts	Pass
(41),(42)	ASTM F963:2023-4.3.5.2: - Heavy Metal Elements Analysis in Non-surface Coating Materials	Pass
(41),(42)	U.S. Consumer Product Safety Improvement Act 2008 title I, section 101 for total Lead content in non-surface coating materials (substrate)	Pass
(41),(42)	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
(41),(42)	ASTM F963:2023-4.3.8: Presence of Phthalates in Plasticized Materials	Pass

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To be continued

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Test Report

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1. Toy Tests

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

Appropriate age group for testing：From 3 to 8 years

The submitted samples were undergone the use and abuse tests in accordance with The Federal Hazardous Substances Act (FHSA), Title 16, Code of Federal Regulations:

Test	FHSA	Parameter
Tip over test	Section 1500.53(b)	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

Section	Testing Items	Assessment
4.1	Material Quality	P
4.2	Flammability	P (See test data #1)
4.3.7	Stuffing Materials	NA
4.4	Electrical/Thermal Energy	NA
4.5	Sound-Producing Toys	P
4.6.1	Toys Intended for Children under 36 Months (Small Objects)	NA
4.6.2	Mouth-Actuated Toys	NA
4.6.3	Toys And Games for 36 Months to 72 Months (Small Part Warning)	P#
4.7	Accessible Edges	P
4.8	Projections	P
4.9	Accessible Points	P
4.10	Wires Or Rods	NA
4.11	Nails And Fasteners	P
4.12	Plastic Film	P
4.13	Folding Mechanisms and Hinges	NA
4.14	Cords, Straps, and Elastics	NA
4.15	Stability and Over-Load Requirements	P
4.16	Confined Spaces	NA
4.17	Wheels, Tires and Axles	P
4.18	Holes, Clearance, and Accessibility of Mechanisms	P
4.19	Simulated Protective Devices	NA
4.20	Pacifiers	NA
4.21	Projectile Toys	NA
4.22	Teethers and Teething Toys	NA

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Section	Testing Items	Assessment
4.23	Rattles	NA
4.24	Squeeze Toys	NA
4.25	Battery-Operated Toys	P (See test data #2)
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	Yo Yo 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 Requirements	P#
6	Instructional Literature	P#
7	Producer's Markings	
7.1	Name and Address of Producer/Distributor	P#
7.2	Battery-powered Ride-on Toys	P#
7.3	Toy Chests	NA

Remark： The submitted samples were undergone the tests in accordance with Section 8.5 through Section 8.18 and 8.21 through 8.26 on normal use, abuse and specific tests for different types of toys whichever is applicable.

P = Pass **F = Fail** NA = Not Applicable

=Only artwork of label, instruction and packaging were provided by applicant.

Test data #1

Flammability Test- Solid & Plush toys

Result = Did Not Ignite

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Battery-Operated Toys

As per ASTM F963-23 consumer safety specification for toy safety section 4.25, 5.14, 6.5 and 6.6

Appropriate age group for testing：From 3 to 8 years

Type of battery：12 V　6FM4.5×1　Lead-Acid battery

Charger type：INPUT:100-240 V　A.C.　; OUTPUT: 12.0 V　D.C

Model：XB1200800U1

Electric operated function：D.C. motor driver；sound；light

Section	Testing Items	Assessment
4.25.1	Battery Marking	P
4.25.2	Maximum Allowable Direct Current Potential	P
4.25.3	Protection Against Charging Non-Rechargeable Battery	NA
4.25.4	Batteries Accessible	P
4.25.5	Isolation of Batteries of Different Types or Capacities	NA
4.25.6	Temperature of Battery Surface	P
4.25.7	Temperature of Battery Surface or Combustion Hazard after Normal Use and Abuse Test	P
4.25.8	Packaging and Instruction Requirement	
	- 6.5 Instruction on Safe Battery Usage	P#
4.25.9	Battery-Powered Ride-on Toys	P#
4.25.10	Toys that contain secondary cells or secondary batteries	NA

Remark：P = Pass；**F = Fail**；NA = Not Applicable

=Only artwork of label, instruction and packaging were provided by applicant.

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2. Physical and mechanical test

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

Applicant's specified age group for testing : From 3 to 8 years

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

Remark : P = Pass
F = Fail
NA = Not Applicable

3. Small Part Test

As per U.S. Code of Federal Regulations Title 16 Part 1501, the components of the submitted sample was assessed for any small part before and after the appropriate use and abuse tests of 16 CFR 1500.51 and 16 CFR1500.52.

No. of sample tested: 1

Applicant's specified age group for testing: From 3 to 8 years

Result:

This section applies to all toys and other articles intended for use by children under 3 years (36 months) of age. This section was not applicable to the submitted sample.

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4. Tracking label assessment

As per consumer product safety improvement act (CPSIA) 2008 section 103 tracking labels for children products

tracking label found on the packaging:

Name of manufacturer / importer / private labeler:	TAMCO SUMMIT VEHICLE JIANGMEN CO.LTD
Location of production:	HANDAN HEBEI, China
Date code:	30th September,2025
Cohort information:	CU1760-2506

Tracking label found on product:

Name of manufacturer / importer / private labeler:	TAMCO SUMMIT VEHICLE JIANGMEN CO.LTD
Location of production:	HANDAN HEBEI, China
Date code:	30th September,2025
Cohort information:	CU1760-2506

note: the tracking label assessment was based on the submitted sample and the information provided by the applicant. There was no verification on the validity of such information.

5.Flammability Test

As per U.S. Code Of Federal Regulations Title 16 Part 1500.44 For Rigid and Pliable Solids.

Result = Did Not Ignite

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To be continued

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6. 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 and CPSC-CH-E1002-08.3, 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	20	14	31	44	ND	ND	10	100

Test Item	Result in ppm										Reproting Limit (ppm)	Limit (ppm)
	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)		
Lead(Pb)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10	100

Test Item	Result in ppm								Reproting Limit (ppm)	Limit (ppm)
	(21)	(22)	(23)	(24)	(25)	(28)	(29)	(30)		
Lead(Pb)	ND	ND	ND	ND	ND	31	32	33	10	100

Test Item	Result in ppm										Reproting Limit (ppm)	Limit (ppm)
	(31)	(32)	(33)	(34)	(35)	(36)	(37)	(38)	(39)	(40)		
Lead(Pb)	32	30	26	41	31	27	31	ND	31	36	10	100

Remark： ppm = parts per million based on dry weight of sample = mg/kg
ND= Not detected (Less than reporting limit)

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

7. 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 used and total Lead content was determined by Inductively Coupled Argon Plasma Spectrometry.

Test Item	Result in ppm		Reproting Limit (ppm)	Limit (ppm)
	(26)	(27)		
Lead(Pb)	ND	ND	20	90

Remark： ppm = parts per million based on dry weight of sample = 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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To be continued

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8. Heavy Metal Elements Analysis in Surface Coating

With reference to Section 4.3.5 of the ASTM Standard Consumer Safety Specification on Toy Safety F963-23, test method Section 8.3.1 of ASTM F963-23 were used and total heavy elements content were determined by Inductively Coupled Argon Plasma Spectrometry.

Test Item	Result (mg/kg)		Reproting Limit (mg/kg)	Limit (mg/kg)
	(26)	(27)		
Tot. Barium (Ba)	60	131	10	1000(Soluble)
Tot. Lead (Pb)	ND	ND	20	90(Total/Soluble)
Tot. Cadmium (Cd)	ND	ND	10	75(Soluble)
Tot. Antimony (Sb)	ND	ND	10	60(Soluble)
Tot. Selenium (Se)	ND	ND	10	500(Soluble)
Tot. Chromium (Cr)	64#1	77#1	10	60 (Soluble)
Tot . Mercury (Hg)	ND	ND	10	60(Soluble)
Tot. Arsenic (As)	ND	41#1	10	25(Soluble)

Remark：Tot. = Total
ND= Not detected (Less than reporting limit)
#1 = Exceeded soluble limit Soluble heavy metal elements analysis should be conducted.

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

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To be continued

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9. Heavy Metal Elements Analysis in Non-surface Coating Materials

With reference to Section 4.3.5 of the ASTM Standard Consumer Safety Specification on Toy Safety F963-23, test method Section 8.3.1 of ASTM F963-23 were used and total heavy elements content were determined by Inductively Coupled Argon Plasma Spectrometry.

Test Item	Result (mg/kg)										Reproting Limit (mg/kg)	Limit (mg/kg)
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)		
Tot. Barium (Ba)	ND	ND	ND	ND	162	130	240	585	17	ND	10	1000(Soluble)
Tot. Lead (Pb)	ND	ND	ND	ND	20	14	31	44	ND	ND	10	100(Total)
Tot. Cadmium (Cd)	ND	ND	ND	ND	ND	ND	29	ND	ND	ND	10	75(Soluble)
Tot. Antimony (Sb)	ND	ND	11	18	ND	40	47	23	ND	ND	10	60(Soluble)
Tot. Selenium (Se)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10	500(Soluble)
Tot. Chromium (Cr)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10	60 (Soluble)
Tot . Mercury (Hg)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10	60(Soluble)
Tot. Arsenic (As)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10	25(Soluble)

Test Item	Result (mg/kg)										Reproting Limit (mg/kg)	Limit (mg/kg)
	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)		
Tot. Barium (Ba)	334	28	25	185	62	ND	ND	14	51	ND	10	1000(Soluble)
Tot. Lead (Pb)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10	100(Total)
Tot. Cadmium (Cd)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10	75(Soluble)
Tot. Antimony (Sb)	ND	18	32	ND	ND	ND	ND	13	ND	76#1	10	60(Soluble)
Tot. Selenium (Se)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10	500(Soluble)
Tot. Chromium (Cr)	134#1	ND	ND	ND	ND	ND	ND	26	ND	ND	10	60 (Soluble)
Tot . Mercury (Hg)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10	60(Soluble)
Tot. Arsenic (As)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10	25(Soluble)

Test Item	Result (mg/kg)						Reproting Limit (mg/kg)	Limit (mg/kg)
	(21)	(22)	(23)	(24)	(25)	(38)		
Tot. Barium (Ba)	ND	ND	1167#1	917	106	8455#1	10	1000(Soluble)
Tot. Lead (Pb)	ND	ND	ND	ND	ND	ND	10	100(Total)
Tot. Cadmium (Cd)	ND	ND	ND	ND	ND	ND	10	75(Soluble)
Tot. Antimony (Sb)	54	ND	ND	ND	ND	ND	10	60(Soluble)
Tot. Selenium (Se)	ND	ND	ND	ND	ND	ND	10	500(Soluble)
Tot. Chromium (Cr)	ND	ND	ND	ND	ND	ND	10	60 (Soluble)
Tot . Mercury (Hg)	ND	ND	ND	ND	ND	ND	10	60(Soluble)
Tot. Arsenic (As)	ND	ND	ND	ND	ND	ND	10	25(Soluble)

Remark：Tot. = Total
ND= Not detected (Less than reporting limit)
#1 = Exceeded soluble limit

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

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To be continued

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10. 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)
	(26)	(27)	(11)	(20)	(23)	(38)		
Sol. Barium (Ba)	20	ND	12	ND	ND	18	5	1000
Sol. Lead (Pb)	ND	ND	ND	ND	ND	ND	5	90
Sol. Cadmium (Cd)	ND	ND	ND	ND	ND	ND	5	75
Sol. Antimony (Sb)	ND	ND	ND	ND	ND	ND	5	60
Sol. Selenium (Se)	ND	ND	ND	ND	ND	ND	5	500
Sol. Chromium (Cr)	52	47	ND	ND	ND	ND	5	60
Sol. Mercury (Hg)	ND	ND	ND	ND	ND	ND	5	60
Sol. Arsenic (As)	ND	ND	ND	ND	ND	ND	2.5	25

Remark： 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.

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To be continued

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Test Report

NUMBER : TSNH00559785-S1

11. 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 was used and total Lead content was determined by Inductively Coupled Argon Plasma Spectrometry.

Tested Component	Result (ppm)	Limit (ppm)
(26)	<20	90
(27)	<20	90

Remark：ppm = Parts per million based on dry weight of sample = mg/kg
< = Less Than

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

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To be continued

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Test Report

NUMBER : TSNH00559785-S1

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

As per standard operating procedures for determining total Lead (Pb) in children's products, test method(s) CPSC-CH-E1002-08.1 and CPSC-CH-E1001-08.1 was/were used and total Lead content was determined by Inductively Coupled Argon Plasma Spectrometry.

Tested Component	Result (ppm)	Limit (ppm)
(1)	<10	100
(2)	<10	100
(3)	<10	100
(4)	<10	100
(5)	20	100
(6)	14	100
(7)	31	100
(8)	44	100
(9)	<10	100
(10)	<10	100
(11)	<10	100
(12)	<10	100
(13)	<10	100
(14)	<10	100
(15)	<10	100
(16)	<10	100
(17)	<10	100
(18)	<10	100
(19)	<10	100
(20)	<10	100
(21)	<10	100
(22)	<10	100
(23)	<10	100
(24)	<10	100
(25)	<10	100
(28)	31	100
(29)	32	100
(30)	33	100
(31)	32	100
(32)	30	100
(33)	26	100
(34)	41	100
(35)	31	100
(36)	27	100
(37)	31	100
(38)	<10	100
(39)	31	100
(40)	36	100

Remark：ppm = Parts per million = mg/kg
< = Less Than

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

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To be continued

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Test Report

NUMBER : TSNH00559785-S1

13. 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)	(8)	(9)	(10)	
Dibutyl phthalate (DBP)	ND	ND	ND	ND	ND	ND	ND	0.01	ND	ND	0.1
Di-(2-ethylhexyl) phthalate (DEHP)	ND	ND	ND	ND	ND	ND	ND	0.02	ND	ND	0.1
Benzyl butyl phthalate (BBP)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.1
Diisononyl phthalate (DINP)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.1
Diisobutyl phthalate (DIBP)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.1
Di-n-pentyl phthalate (DPENP)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.1
Di-n-hexyl phthalate (DHEXP)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.1
Dicyclohexyl phthalate (DCHP)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.1

Test item	Result (%)										Limit (%) (Max.)
	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	
Dibutyl phthalate (DBP)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.1
Di-(2-ethylhexyl) phthalate (DEHP)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.1
Benzyl butyl phthalate (BBP)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.1
Diisononyl phthalate (DINP)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.1
Diisobutyl phthalate (DIBP)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.1
Di-n-pentyl phthalate (DPENP)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.1
Di-n-hexyl phthalate (DHEXP)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.1
Dicyclohexyl phthalate (DCHP)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.1

Test item	Result (%)								Limit (%) (Max.)
	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(38)	
Dibutyl phthalate (DBP)	ND	ND	ND	ND	ND	ND	ND	ND	0.1
Di-(2-ethylhexyl) phthalate (DEHP)	ND	ND	ND	ND	ND	ND	ND	ND	0.1
Benzyl butyl phthalate (BBP)	ND	ND	ND	ND	ND	ND	ND	ND	0.1
Diisononyl phthalate (DINP)	ND	ND	ND	ND	ND	ND	ND	ND	0.1
Diisobutyl phthalate (DIBP)	ND	ND	ND	ND	ND	ND	ND	ND	0.1
Di-n-pentyl phthalate (DPENP)	ND	ND	ND	ND	ND	ND	ND	ND	0.1
Di-n-hexyl phthalate (DHEXP)	ND	ND	ND	ND	ND	ND	ND	ND	0.1
Dicyclohexyl phthalate (DCHP)	ND	ND	ND	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.

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To be continued

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NUMBER : TSNH00559785-S1

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

Test item	Result (%)							Detection Limit (%)	Limit (%) (Max.)
	(8)	(9)	(10)	(11)	(12)	(13)	(14)		
Dibutyl phthalate (DBP)	0.01	ND	ND	ND	ND	ND	ND	0.01	0.1
Di-(2-ethylhexyl) phthalate (DEHP)	0.02	ND	ND	ND	ND	ND	ND	0.01	0.1
Benzyl butyl phthalate (BBP)	ND	ND	ND	ND	ND	ND	ND	0.01	0.1
Diisononyl phthalate (DINP)	ND	ND	ND	ND	ND	ND	ND	0.01	0.1
Diisobutyl phthalate (DIBP)	ND	ND	ND	ND	ND	ND	ND	0.01	0.1
Di-n-pentyl phthalate (DPENP)	ND	ND	ND	ND	ND	ND	ND	0.01	0.1
Di-n-hexyl phthalate (DHEXP)	ND	ND	ND	ND	ND	ND	ND	0.01	0.1
Dicyclohexyl phthalate (DCHP)	ND	ND	ND	ND	ND	ND	ND	0.01	0.1

Test item	Result (%)							Detection Limit (%)	Limit (%) (Max.)
	(15)	(16)	(17)	(18)	(19)	(20)	(21)		
Dibutyl phthalate (DBP)	ND	ND	ND	ND	ND	ND	ND	0.01	0.1
Di-(2-ethylhexyl) phthalate (DEHP)	ND	ND	ND	ND	ND	ND	ND	0.01	0.1
Benzyl butyl phthalate (BBP)	ND	ND	ND	ND	ND	ND	ND	0.01	0.1
Diisononyl phthalate (DINP)	ND	ND	ND	ND	ND	ND	ND	0.01	0.1
Diisobutyl phthalate (DIBP)	ND	ND	ND	ND	ND	ND	ND	0.01	0.1
Di-n-pentyl phthalate (DPENP)	ND	ND	ND	ND	ND	ND	ND	0.01	0.1
Di-n-hexyl phthalate (DHEXP)	ND	ND	ND	ND	ND	ND	ND	0.01	0.1
Dicyclohexyl phthalate (DCHP)	ND	ND	ND	ND	ND	ND	ND	0.01	0.1

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Test item	Result (%)							Detection Limit (%)	Limit (%) (Max.)
	(22)	(23)	(24)	(25)	(26)	(27)	(38)		
Dibutyl phthalate (DBP)	ND	ND	ND	ND	ND	ND	ND	0.01	0.1
Di-(2-ethylhexyl) phthalate (DEHP)	ND	ND	ND	ND	ND	ND	ND	0.01	0.1
Benzyl butyl phthalate (BBP)	ND	ND	ND	ND	ND	ND	ND	0.01	0.1
Diisononyl phthalate (DINP)	ND	ND	ND	ND	ND	ND	ND	0.01	0.1
Diisobutyl phthalate (DIBP)	ND	ND	ND	ND	ND	ND	ND	0.01	0.1
Di-n-pentyl phthalate (DPENP)	ND	ND	ND	ND	ND	ND	ND	0.01	0.1
Di-n-hexyl phthalate (DHEXP)	ND	ND	ND	ND	ND	ND	ND	0.01	0.1
Dicyclohexyl phthalate (DCHP)	ND	ND	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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To be continued

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15. 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-E1002-08.3, was used and total Lead content was determined by Inductively Coupled Argon Plasma Spectrometry.

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

Remark： ppm = parts per million based on dry weight of sample = mg/kg
ND= Not detected (Less than reporting limit)

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

16. Heavy Metal Elements Analysis in Non-surface Coating Materials

With reference to Section 4.3.5 of the ASTM Standard Consumer Safety Specification on Toy Safety F963-23, test method Section 8.3.1 of ASTM F963-23 were used and total heavy elements content were determined by Inductively Coupled Argon Plasma Spectrometry.

Test Item	Result (mg/kg)		Reproting Limit (mg/kg)	Limit (mg/kg)
	(41)	(42)		
Tot. Barium (Ba)	ND	ND	10	1000(Soluble)
Tot. Lead (Pb)	ND	ND	10	100(Total)
Tot. Cadmium (Cd)	ND	ND	10	75(Soluble)
Tot. Antimony (Sb)	ND	ND	10	60(Soluble)
Tot. Selenium (Se)	ND	ND	10	500(Soluble)
Tot. Chromium (Cr)	ND	ND	10	60 (Soluble)
Tot . Mercury (Hg)	ND	ND	10	60(Soluble)
Tot. Arsenic (As)	ND	ND	10	25(Soluble)

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

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

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To be continued

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NUMBER : TSNH00559785-S1

17. 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-E1002-08.1 was used and total Lead content was determined by Inductively Coupled Argon Plasma Spectrometry.

Tested Component	Result (ppm)	Limit (ppm)
(41)	<10	100
(42)	<10	100

Remark：ppm = Parts per million = mg/kg
< = Less Than

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

****

To be continued

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18. Phthalate Content

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

Test item	Result (%)		Limit (%) (Max.)
	(41)	(42)	
Dibutyl phthalate (DBP)	ND	ND	0.1
Di-(2-ethylhexyl) phthalate (DEHP)	ND	ND	0.1
Benzyl butyl phthalate (BBP)	ND	ND	0.1
Diisononyl phthalate (DINP)	ND	ND	0.1
Diisobutyl phthalate (DIBP)	ND	ND	0.1
Di-n-pentyl phthalate (DPENP)	ND	ND	0.1
Di-n-hexyl phthalate (DHEXP)	ND	ND	0.1
Dicyclohexyl phthalate (DCHP)	ND	ND	0.1

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.

19. 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.)
	(41)	(42)		
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

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

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

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To be continued

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Test Report

NUMBER : TSNH00559785-S1

Test components:
(1) black plastic of sample used.(grip)
(2) black plastic of sample used.(handlebar)
(3) black plastic of sample (A) used.(body)
(4) black plastic of sample used.(wind screen)
(5) silvery plastic of sample used.(rearview mirror)
(6) silvery plastic of sample used.(engine)
(7) silvery plastic of sample used.(wheel rim)
(8) black plastic of sample used.(wheel)
(9) black plastic of sample used.(pedal)
(10)black plastic of sample used.(trunk)
(11)black plastic of sample used.(forward button)
(12)black plastic of sample used.(key hole)
(13)silvery plastic of sample used.(panel)
(14)white plastic of sample used.(USB on panel)
(15)black plastic of sample used.(MIC on panel)
(16)white/black sticker of sample used. (panel)
(17)white plastic of sample used.(electrical machinery)
(18)black plastic of sample used.(charging hole on body)
(19)black plastic of sample used. (charger head)
(20)black plastic of sample used. (charger wire)
(21)black plastic of sample used. (small charger head)
(22)transparent plastic of sample used. (front light)
(23)yellow/black/red sticker of sample used. (warning label on body)
(24)multicolor sticker of sample used. (body)
(25)black/red synthetic leather of sample used. (seat)
(26)black coating on metal of sample used.(axle)
(27)black coating on metal of sample used.(front fork)
(28)silvery metal without coating of all samples used.(axle)
(29)silvery metal without coating of all samples used.(front fork)
(30)silvery color metal of all samples used.(USB on panel)
(31)silvery metal screw of all samples used.(body)
(32)silvery color metal of all samples used.(charging hole on body)
(33)silvery color metal of all samples used.(charger head)
(34)silvery color metal of all samples used.(small charger head)
(35)silvery metal screw of all samples used.(electrical machinery)
(36)silvery metal of all samples used.(key hole)
(37)silvery metal screw nut of all samples used.(front axle)
(38)black plastic of sample used. (key)
(39)silvery metal of all samples used.(key)
(40)silvery metal ring of all samples used.(seat)
(41)red plastic part of sample (B) used.(body)
(42)white plastic part of sample (C) used.(body)

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To be continued

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Test Report

NUMBER : TSNH00559785-S1

Date Sample Received : Sep 02,2025
Testing Period : Sep 02,2025 to Sep 24,2025

Re : report revision notification

Report number TSNH00559785 dated Oct 27, 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 report, number TSNH00559785-S1, issued on Nov 07, 2025.

Thank you for your attention.

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End of report

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