Number : WUXH00090898

Applicant : PINGHU LITTLE SUN CHILDS VEHICLES CO.,LTD
ONE BUILDING, NO.18 INSIDE JINHUI ROAD
XINCANG TOWN, PINGHU CITY JIAXING CITY,
ZHEJIANG PROVINCE
Attn : MISS LI

Date : Aug 27, 2019

Sample Description:

One (1) Group Of Submitted Sample Said To Be :

Item Name	:	RIDE ON CAR.
Item No.	:	S306.
Labelled Age Group	:	3+.
Packaging Provided By Applicant	:	Yes.
Goods Exported To	:	USA+EU.
Country Of Origin	:	China.

Tests Conducted:

As Requested By The Applicant, For Details Refer To Attached Page(s).

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

Peter Chen
General Manager

Intertek Testing Services Wuxi Ltd. 无锡天祥质量技术服务有限公司 检测报告专用章

Intertek Testing Services Wuxi Ltd.
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Conclusion:

Tested Samples	Standard	Result
Submitted Sample	EN71-1:2014+A1:2018 For Mechanical And Physical Properties	Pass
Submitted Sample	EN71-2 : 2011+A1: 2014 Flammability Test	Pass
Tested Components Of Submitted Sample	EN 71-3:2013+A3:2018 For Migration Of Certain Elements	Pass
Tested Components Of Submitted Sample	EN 71-3:2013+A3:2018 on migration of certain elements & EU 2018/725 amending 2009/48/EC (effective from Nov 18,2019) for chromium (VI) migration	Pass
Tested Components Of Submitted Sample	EN 71-3:2019 On Migration Of Certain Elements	Pass
Tested Components Of Submitted Sample	EN62115:2005+A12:2015 on safety of electric toy Excluding clause Annex ZB ,Annex E & Annex ZC	Pass (Subjected to remarks enclosed)
Tested Components Of Submitted Sample	Phthalates content requirement in Annex XVII Items 51&52 of the REACH Regulation (EC) No. 1907/2006 & Amendment No. 552/2009 & Amendment Commission Regulation (EU) 2018/2005 (formerly known as Directive 2005/84/EC)	Pass
Tested Components Of Submitted Sample	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 Items 23 Of The Reach Regulation (EC) No. 1907/2006	Pass
Tested Components Of Submitted Sample	Azocolourants Content Requirement In Annex XVII Item 43 Of The REACH Regulation (EC) NO. 1907/2006 & Amendment No. 552/2009 and 126/2013 (Formerly Known As Directive 2002/61/EC)	Pass

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Conclusion:

Tested Samples	Standard	Result
Submitted Sample	U.S. ASTM F963-17 For Physical And Mechanical Tests Excluding Clause 4.25, 5.15, 6.5, 6.6, 7.2	Pass
Submitted Sample	U.S. ASTM F963-17 For Flammability Test Of Materials Other Than Textile Materials	Pass
Tested Components Of Submitted Sample	U.S. ASTM F963-17 for soluble elements content in surface coating	Pass
Tested Components Of Submitted Sample	U.S. ASTM F963-17 section 4.3.5.2(2)(b) for soluble elements content for non-surface coating materials	Pass
Tested Components Of Submitted Sample	U.S. ASTM F963-17 for total Lead content	Pass
Tested Components Of Submitted Sample	U.S. Code Of Federal Regulations Title 16 CFR 1303 For Total Lead Content In Surface Coating	Pass
	U.S. Consumer Product Safety Improvement Act 2008 Title I, Section 101 For Total Lead Content In Surface Coating	Pass
Tested Components Of Submitted Sample	U.S. Consumer Product Safety Improvement Act 2008 Title I, Section 101 For Total Lead Content In Non-Surface Coating Materials (Substrate).	Pass
Tested Components Of Submitted Sample	U.S. Consumer Product Safety Commission (CPSC)'s decision on publishing the final rule for the 16 CFR part 1307 for Prohibition of Children's Toys and Child Care Articles Containing Specified Phthalates on 18 October 2017	Pass

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Tests Conducted (As Requested By The Applicant)

1 Mechanical and Physical Test

As per European Standard on Safety of toys EN71-1:2014+A1:2018.

Applicant's specified age group for testing: For 3-8 years.

The submitted samples were undergone the following abuse tests:		
Test	Clause	Parameter
Torque test	8.3	0.34 Nm
Tension test	8.4.2.1	90 N
Protective components	8.4.2.3	60 N
Drop test	8.5	850 mm x 5times
Tip over test	8.6	Three times
Impact test	8.7	1 kg
Compression test	8.8	110 N

Clause	Testing items	Assessment
4	General requirements	
4.1	Material	P
4.2	Assembly	P
4.3	Flexible plastic sheeting	NA
4.4	Toy bags	NA
4.5	Glass	NA
4.6	Expanding materials	NA
4.7	Edges	P
4.8	Points and metallic wires	P
4.9	Protruding parts	P
4.10	Parts moving against each other	P
4.11	Mouth actuated toys and other toys intended to be put in the mouth	NA
4.12	Balloons	NA
4.13	Cords of toy kites and other flying toys	NA
4.14	Enclosures	NA
4.15	Toys intended to bear the mass of a child	P
4.16	Heavy immobile toys	NA
4.17	Projectile toys	NA
4.18	Aquatic toys and inflatable toys	NA
4.19	Percussion caps specifically designed for use in toys and toys using percussion caps	NA
4.20	Acoustics	P
4.21	Toys containing a non-electrical heat source	NA
4.22	Small balls	NA
4.23	Magnets	NA

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Tests Conducted (As Requested By The Applicant)

Clause	Testing items	Assessment
4.24	Yo-yo balls	NA
4.25	Toys attached to food	NA
4.26	Toy disguise costumes	NA
4.27	Flying toys	NA
5	Toys intended for children under 36 months	
5.1	General requirements	NA
5.2	Soft-filled toys and soft-filled parts of a toy	NA
5.3	Plastic sheeting	NA
5.4	Cords, chains and electrical cables in toys	NA
5.5	Liquid filled toys	NA
5.6	Speed limitation of electrically-driven ride-on toys	NA
5.7	Glass and porcelain	NA
5.8	Shape and size of certain toys	NA
5.9	Toys comprising monofilament fibres	NA
5.10	Small balls	NA
5.11	Play figures	NA
5.12	Hemispheric-shaped toys	NA
5.13	Suction cups	NA
5.14	Straps intended to be worn fully or partially around the neck	NA
5.15	Sledges with cords for pulling	NA
6	Packaging	NA
7	Warnings, markings and instructions for use	
7.1	General	P
7.2	Toys not intended for children under 36 months	P
7.3	Latex balloons	NA
7.4	Aquatic toys	NA
7.5	Functional toys	NA
7.6	Hazardous sharp functional edges and points	NA
7.7	Projectile toys	NA
7.8	Imitation protective masks and helmets	NA
7.9	Toy kites	NA
7.10	Roller skates, inline skates and skateboards and certain other ride-on toys	P
7.11	Toys intended to be strung across a cradle, cot, or perambulator	NA
7.12	Liquid-filled teethers	NA
7.13	Percussion caps specifically designed for use in toys	NA
7.14	Acoustics	NA
7.15	Toy bicycles	NA
7.16	Toys intended to bear the mass of a child	NA
7.17	Toys comprising monofilament fibres	NA

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Tests Conducted (As Requested By The Applicant)

Clause	Testing items	Assessment
7.18	Toy scooters	NA
7.19	Rocking horses and similar toys	NA
7.20	Magnetic/electrical experimental sets	NA
7.21	Toys with electrical cables exceeding 300 mm in length	NA
7.22	Toys with cords or chains intended for children of 18 months and over but under 36 months	NA
7.23	Toys intended to be attached to a cradle, cot or perambulator	NA
7.24	Sledges with cords for pulling	NA
7.25	Flying toys	NA
7.26	Improvised projectiles	NA

Remark : P = Pass NA = Not Applicable

Remark : Additional information according to the Toy Safety Directives 2009/48/EC requirement. These information also appears as a note within the EN71 but are not standard requirements:

1. Marking

The manufacturer's and importer's name, registered trade name or registered trade mark, the address and the CE-marking shall be indicated on the toy or, where that is not possible, on its packaging or in a document accompany the toy. In addition, manufacturers shall ensure that their toys bear a type, batch, serial or model number or other element allowing their identification, or where the size or nature of the toy does not allow it, that the required information is provided on the packaging or in a document accompanying the toy.

- Manufacturer's name was on the packaging.
- Manufacturer's address was on the packaging.
- Importer's name was missed.
- Importer's address was missed.
- Product identification code was on the packaging.
- CE-marking was on the packaging .

Date Sample Received : Aug 09, 2019
Testing Period : Aug 09, 2019 To Aug 26,2019

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Tests Conducted (As Requested By The Applicant)

2 Flammability Test

As Per European Standard On Safety Of Toys EN71-2:2011+A1: 2014

Clause	Testing Items	Assessment
4.1	General	P
4.2	Toys To Be Worn On The Head	NA
4.3	Toy Disguise Costumes And Toys Intended To Be Worn By A Child In Play	NA
4.4	Toys Intended To Be Entered By A Child	NA
4.5	Soft Filled Toys	NA

Remark : P = Pass NA = Not Applicable

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Tests Conducted (As Requested By The Applicant)

3 19 Toxic Elements Migration Test

(A) Test Result

As per EN 71-3:2013+A3:2018 and followed by Inductively Coupled Plasma Atomic Emission Spectrometry, Inductively Coupled Argon Mass Spectrometry, Ion Chromatography- Inductively Coupled Plasma-Mass Spectrometry, and Gas Chromatographic - Mass Spectrometry

Category (III)：Scraped-off toy material

Element	Result (mg/kg)						Limit
	(1)	(2)	(3)	(4)	(5)	(6)	(mg/kg)
Aluminium (Al)	< 300	< 300	< 300	< 300	< 300	< 300	70000
Antimony (Sb)	< 10	< 10	< 10	< 10	< 10	< 10	560
Arsenic (As)	< 10	< 10	< 10	< 10	< 10	< 10	47
Barium (Ba)	< 10	< 10	< 10	< 10	< 10	< 10	18750
Boron (B)	< 50	< 50	< 50	< 50	< 50	< 50	15000
Cadmium (Cd)	< 5	< 5	< 5	< 5	< 5	< 5	17
Chromium (III) (Cr III) ++	< 10	< 10	< 10	< 10	< 10	< 10	460
Chromium (VI) (Cr VI) ++	< 0.025#	< 0.025#	< 0.025#	< 0.025#	< 0.025#	< 0.025#	0.2/0.053◎
Cobalt (Co)	< 10	< 10	< 10	< 10	< 10	< 10	130
Copper (Cu)	< 10	< 10	< 10	< 10	< 10	< 10	7700
Lead (Pb)	< 10	< 10	< 10	< 10	< 10	< 10	23
Manganese (Mn)	< 10	< 10	< 10	< 10	< 10	< 10	15000
Mercury (Hg)	< 10	< 10	< 10	< 10	< 10	< 10	94
Nickel (Ni)	< 10	< 10	< 10	< 10	< 10	< 10	930
Selenium (Se)	< 10	< 10	< 10	< 10	< 10	< 10	460
Strontium (Sr)	< 100	< 100	< 100	< 100	< 100	< 100	56000
Tin (Sn)	< 10	< 10	< 10	< 10	< 10	< 10	180000
Organic tin ++	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	12
Zinc (Zn)	< 100	< 100	< 100	< 100	< 100	< 100	46000

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Number : WUXH00090898

Tests Conducted (As Requested By The Applicant)

Element	Result (mg/kg)					Limit
	(7)	(8)	(9)	(10)	(11)	(mg/kg)
Aluminium (Al)	< 300	< 300	5199	< 300	< 300	70000
Antimony (Sb)	< 10	< 10	< 10	< 10	< 10	560
Arsenic (As)	< 10	< 10	< 10	< 10	< 10	47
Barium (Ba)	< 10	< 10	< 10	< 10	< 10	18750
Boron (B)	< 50	< 50	< 50	< 50	< 50	15000
Cadmium (Cd)	< 5	< 5	< 5	< 5	< 5	17
Chromium (III) (Cr III) ++	< 10	< 10	< 10	< 10	< 10	460
Chromium (VI) (Cr VI) ++	< 0.025#	< 0.025#	< 0.025#	< 0.025#	< 0.025#	0.2/0.053◎
Cobalt (Co)	< 10	< 10	< 10	< 10	< 10	130
Copper (Cu)	< 10	< 10	< 10	< 10	< 10	7700
Lead (Pb)	< 10	< 10	< 10	< 10	< 10	23
Manganese (Mn)	< 10	< 10	< 10	< 10	< 10	15000
Mercury (Hg)	< 10	< 10	< 10	< 10	< 10	94
Nickel (Ni)	< 10	< 10	< 10	< 10	< 10	930
Selenium (Se)	< 10	< 10	< 10	< 10	< 10	460
Strontium (Sr)	< 100	< 100	< 100	< 100	< 100	56000
Tin (Sn)	< 10	< 10	< 10	< 10	< 10	180000
Organic tin ++	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	12
Zinc (Zn)	< 100	< 100	< 100	< 100	< 100	46000

Element	Result (mg/kg)					Limit
	(12)	(13)	(14)	(15)	(16)	(mg/kg)
Aluminium (Al)	< 300	< 300	< 300	< 300	< 300	70000
Antimony (Sb)	< 10	< 10	< 10	< 10	< 10	560
Arsenic (As)	< 10	< 10	< 10	< 10	< 10	47
Barium (Ba)	< 10	< 10	< 10	< 10	< 10	18750
Boron (B)	< 50	< 50	< 50	< 50	< 50	15000
Cadmium (Cd)	< 5	< 5	< 5	< 5	< 5	17
Chromium (III) (Cr III) ++	< 10	< 10	< 10	< 10	< 10	460
Chromium (VI) (Cr VI) ++	< 0.025#	< 0.025#	< 0.025#	< 0.025#	< 0.025#	0.2/0.053◎
Cobalt (Co)	< 10	< 10	< 10	< 10	< 10	130
Copper (Cu)	< 10	< 10	< 10	< 10	< 10	7700
Lead (Pb)	< 10	< 10	< 10	< 10	< 10	23
Manganese (Mn)	< 10	< 10	< 10	< 10	< 10	15000
Mercury (Hg)	< 10	< 10	< 10	< 10	< 10	94
Nickel (Ni)	< 10	< 10	< 10	< 10	< 10	930
Selenium (Se)	< 10	< 10	< 10	< 10	< 10	460
Strontium (Sr)	< 100	< 100	< 100	< 100	< 100	56000
Tin (Sn)	< 10	< 10	< 10	< 10	< 10	180000
Organic tin ++	< 3.0	< 3.0	< 3.0Δ	< 3.0	< 3.0Δ	12
Zinc (Zn)	< 100	< 100	< 100	< 100	< 100	46000

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Tests Conducted (As Requested By The Applicant)

Element	Result (mg/kg)					Limit
	(17)	(18)	(19)	(20)	(21)	(mg/kg)
Aluminium (Al)	< 300	< 300	< 300	< 300	< 300	70000
Antimony (Sb)	< 10	< 10	< 10	< 10	< 10	560
Arsenic (As)	< 10	< 10	< 10	< 10	< 10	47
Barium (Ba)	< 10	< 10	< 10	< 10	< 10	18750
Boron (B)	< 50	< 50	< 50	< 50	< 50	15000
Cadmium (Cd)	< 5	< 5	< 5	< 5	< 5	17
Chromium (III) (Cr III) ++	< 10	< 10	< 10	< 10	< 10	460
Chromium (VI) (Cr VI) ++	< 0.025#	< 0.025#	< 0.025#	< 0.025#	< 0.025#	0.2/0.053◎
Cobalt (Co)	< 10	< 10	< 10	< 10	< 10	130
Copper (Cu)	< 10	< 10	< 10	< 10	< 10	7700
Lead (Pb)	< 10	< 10	< 10	< 10	< 10	23
Manganese (Mn)	< 10	< 10	< 10	< 10	< 10	15000
Mercury (Hg)	< 10	< 10	< 10	< 10	< 10	94
Nickel (Ni)	< 10	< 10	< 10	< 10	< 10	930
Selenium (Se)	< 10	< 10	< 10	< 10	< 10	460
Strontium (Sr)	< 100	< 100	< 100	< 100	< 100	56000
Tin (Sn)	13	< 10	< 10	< 10	< 10	180000
Organic tin ++	< 3.0Δ	< 3.0	< 3.0	< 3.0	< 3.0	12
Zinc (Zn)	< 100	< 100	< 100	< 100	< 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.
- Unless Specified, Test Results Of Chromium (III), Chromium (VI) And Organic Tin Were Derived From Migration Results Of Total Chromium And Tin Respectively.
- Migration Of Chromium (III) = Migration Of Total Chromium – Migration Of Chromium(VI), When Performed Confirmation Test For Chromium (VI)

= 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).

Δ = Confirmation Test Was Performed On The Tested Component. The Reported Value Was Calculated By Summation Of The Migration Values Of Methyl Tin, Dibutyl Tin, Tributyl Tin, Tetrabutyl Tin, N-Octyl Tin, Di-N-Octyl Tin, Di-N-Propyl Tin, Diphenyl Tin, Monobutyl Tin And Triphenyl Tin

◎ = The new chromium (VI) migration limit [(0.053mg/kg for Category (III)] were quoted from directive (EU) 2018/725 amending 2009/48/EC effective from 18 November 2019.

Tested Components：See Component List In The Last Section Of This Report.

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Tests Conducted (As Requested By The Applicant)

(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).

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Tests Conducted (As Requested By The Applicant)

4 19 Toxic Elements Migration Test

(A) Test Result

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

Category (III)：Scraped-off toy material

Element	Result (mg/kg)						Limit
	(1)	(2)	(3)	(4)	(5)	(6)	(mg/kg)
Aluminium (Al)	< 300	< 300	< 300	< 300	< 300	< 300	70000
Antimony (Sb)	< 10	< 10	< 10	< 10	< 10	< 10	560
Arsenic (As)	< 10	< 10	< 10	< 10	< 10	< 10	47
Barium (Ba)	< 10	< 10	< 10	< 10	< 10	< 10	18750
Boron (B)	< 50	< 50	< 50	< 50	< 50	< 50	15000
Cadmium (Cd)	< 5	< 5	< 5	< 5	< 5	< 5	17
Chromium (III) (Cr III) ++	< 10	< 10	< 10	< 10	< 10	< 10	460
Chromium (VI) (Cr VI) ++	< 0.025#	< 0.025#	< 0.025#	< 0.025#	< 0.025#	< 0.025#	0.053◎
Cobalt (Co)	< 10	< 10	< 10	< 10	< 10	< 10	130
Copper (Cu)	< 10	< 10	< 10	< 10	< 10	< 10	7700
Lead (Pb)	< 10	< 10	< 10	< 10	< 10	< 10	23
Manganese (Mn)	< 10	< 10	< 10	< 10	< 10	< 10	15000
Mercury (Hg)	< 10	< 10	< 10	< 10	< 10	< 10	94
Nickel (Ni)	< 10	< 10	< 10	< 10	< 10	< 10	930
Selenium (Se)	< 10	< 10	< 10	< 10	< 10	< 10	460
Strontium (Sr)	< 100	< 100	< 100	< 100	< 100	< 100	56000
Tin (Sn)	< 10	< 10	< 10	< 10	< 10	< 10	180000
Organic tin ++	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	12
Zinc (Zn)	< 100	< 100	< 100	< 100	< 100	< 100	46000

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Tests Conducted (As Requested By The Applicant)

Element	Result (mg/kg)					Limit
	(7)	(8)	(9)	(10)	(11)	(mg/kg)
Aluminium (Al)	< 300	< 300	5199	< 300	< 300	70000
Antimony (Sb)	< 10	< 10	< 10	< 10	< 10	560
Arsenic (As)	< 10	< 10	< 10	< 10	< 10	47
Barium (Ba)	< 10	< 10	< 10	< 10	< 10	18750
Boron (B)	< 50	< 50	< 50	< 50	< 50	15000
Cadmium (Cd)	< 5	< 5	< 5	< 5	< 5	17
Chromium (III) (Cr III) ++	< 10	< 10	< 10	< 10	< 10	460
Chromium (VI) (Cr VI) ++	< 0.025#	< 0.025#	< 0.025#	< 0.025#	< 0.025#	0.053◎
Cobalt (Co)	< 10	< 10	< 10	< 10	< 10	130
Copper (Cu)	< 10	< 10	< 10	< 10	< 10	7700
Lead (Pb)	< 10	< 10	< 10	< 10	< 10	23
Manganese (Mn)	< 10	< 10	< 10	< 10	< 10	15000
Mercury (Hg)	< 10	< 10	< 10	< 10	< 10	94
Nickel (Ni)	< 10	< 10	< 10	< 10	< 10	930
Selenium (Se)	< 10	< 10	< 10	< 10	< 10	460
Strontium (Sr)	< 100	< 100	< 100	< 100	< 100	56000
Tin (Sn)	< 10	< 10	< 10	< 10	< 10	180000
Organic tin ++	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	12
Zinc (Zn)	< 100	< 100	< 100	< 100	< 100	46000

Element	Result (mg/kg)					Limit
	(12)	(13)	(14)	(15)	(16)	(mg/kg)
Aluminium (Al)	< 300	< 300	< 300	< 300	< 300	70000
Antimony (Sb)	< 10	< 10	< 10	< 10	< 10	560
Arsenic (As)	< 10	< 10	< 10	< 10	< 10	47
Barium (Ba)	< 10	< 10	< 10	< 10	< 10	18750
Boron (B)	< 50	< 50	< 50	< 50	< 50	15000
Cadmium (Cd)	< 5	< 5	< 5	< 5	< 5	17
Chromium (III) (Cr III) ++	< 10	< 10	< 10	< 10	< 10	460
Chromium (VI) (Cr VI) ++	< 0.025#	< 0.025#	< 0.025#	< 0.025#	< 0.025#	0.053◎
Cobalt (Co)	< 10	< 10	< 10	< 10	< 10	130
Copper (Cu)	< 10	< 10	< 10	< 10	< 10	7700
Lead (Pb)	< 10	< 10	< 10	< 10	< 10	23
Manganese (Mn)	< 10	< 10	< 10	< 10	< 10	15000
Mercury (Hg)	< 10	< 10	< 10	< 10	< 10	94
Nickel (Ni)	< 10	< 10	< 10	< 10	< 10	930
Selenium (Se)	< 10	< 10	< 10	< 10	< 10	460
Strontium (Sr)	< 100	< 100	< 100	< 100	< 100	56000
Tin (Sn)	< 10	< 10	< 10	< 10	< 10	180000
Organic tin ++	< 3.0	< 3.0	< 3.0Δ	< 3.0	< 3.0Δ	12
Zinc (Zn)	< 100	< 100	< 100	< 100	< 100	46000

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Element	Result (mg/kg)					Limit
	(17)	(18)	(19)	(20)	(21)	(mg/kg)
Aluminium (Al)	< 300	< 300	< 300	< 300	< 300	70000
Antimony (Sb)	< 10	< 10	< 10	< 10	< 10	560
Arsenic (As)	< 10	< 10	< 10	< 10	< 10	47
Barium (Ba)	< 10	< 10	< 10	< 10	< 10	18750
Boron (B)	< 50	< 50	< 50	< 50	< 50	15000
Cadmium (Cd)	< 5	< 5	< 5	< 5	< 5	17
Chromium (III) (Cr III) ++	< 10	< 10	< 10	< 10	< 10	460
Chromium (VI) (Cr VI) ++	< 0.025#	< 0.025#	< 0.025#	< 0.025#	< 0.025#	0.053◎
Cobalt (Co)	< 10	< 10	< 10	< 10	< 10	130
Copper (Cu)	< 10	< 10	< 10	< 10	< 10	7700
Lead (Pb)	< 10	< 10	< 10	< 10	< 10	23
Manganese (Mn)	< 10	< 10	< 10	< 10	< 10	15000
Mercury (Hg)	< 10	< 10	< 10	< 10	< 10	94
Nickel (Ni)	< 10	< 10	< 10	< 10	< 10	930
Selenium (Se)	< 10	< 10	< 10	< 10	< 10	460
Strontium (Sr)	< 100	< 100	< 100	< 100	< 100	56000
Tin (Sn)	13	< 10	< 10	< 10	< 10	180000
Organic tin ++	< 3.0Δ	< 3.0	< 3.0	< 3.0	< 3.0	12
Zinc (Zn)	< 100	< 100	< 100	< 100	< 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.
- Unless specified, test results of Chromium (III), Chromium (VI) and Organic tin were derived from migration results of total chromium and tin respectively.
- Migration of Chromium (III) = Migration of total Chromium – Migration of Chromium(VI), when performed confirmation test for Chromium (VI)

= 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).

Δ = Confirmation test was performed on the tested component. The reported value was calculated by summation of the migration values of Methyl tin, Dimethyltion, Dibutyl tin, Tributyl tin, Tetrabutyl tin, n-Octyl tin, Di-n-octyl tin, Di-n-propyl tin, Diphenyl tin, Monobutyl tin and Triphenyl tin. Other Organic tin compounds may be also be present in sample as stated in EN71-3:2019.

◎ = The new chromium (VI) migration limit [0.053mg/kg for Category (III)] was quoted from directive (EU) 2018/725 amending 2009/48/EC effective from 18 November 2019..

The sample weight in bracket(s) was / were for soluble toxic elements analysis only.

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

(B) Categories of various toy materials

Category I：Dry, brittle, powder like or pliable

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

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).

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Tests Conducted (As Requested By The Applicant)

5 Safety of electric Toys

As per European standard EN62115:2005+A12:2015 on safety of electric toys .

Applicant's specified age group for testing : For 3-8 years.

Power source: Remote: 3 V, LR 03 size x 2 pcs,

: Vehicle:12 V, 4.5Ah, Lead-caid rechargeable battery x 1pc (Non- Replaceable)

Charger: type : Input 100-240V AC 50Hz Output 12 V DC, 1.0A.(Provided)
model : SP121201000V

Electric Operated Function :Battery (12 V, 4.5 Ah) powered sound, light, LED ,motion.
Battery (LR 03) powered Remote control

Clause	Testing Items	Assessment
1	Scope	--
2	Normative references	--
3	Definitions	--
4	General requirement	--
5.13	Battery polarity reversed	P
6	Criteria for reduced testing	--
7	Marking and instructions	P
8	Power input	NA
9	Heating and abnormal operation	P See Remark(1)
10	Electric strength at operating temperature	P
11	Moisture resistance	P
12	Electric strength at room temperature	P
13	Mechanical strength	P
14	Construction	P
15	Protection of cords and wires	P
16	Components	P See Remark (2)
17	Screws and connections	P
18	Creepage distances and clearances	P
19	Resistance to heat and fire	P
20	Radiation, toxicity and similar hazards	See Remark (3)

P = Pass NA = Not Applicable

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Remark :

(1) As request by the applicant, the Annex ZB circuit influence from electromagnetic phenomena (EMP) was not assessed.

(2)Applicant need to ensure that the components specified in clause 16.1& 16.4 comply with relevant IEC safety standards and meet the national deviation of the importing countries.

(3) This test only covers the essential safety requirements concerning electrical properties on the safety of toys and in order to comply with EN62115:2005+A12:2015, electrical toys shall not emit harmful radiation or present a toxic or similar hazard due to their operation in normal use and shall comply class 1 accordance with IEC 60825-1 or EN 60825-1 for the lasers and light emitting diodes (LEDs). Toys with an integrated field source generating EMF shall comply with EN 62233.

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Tests Conducted (As Requested By The Applicant)

6 Phthalate Content

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

I. Annex XVII Item 51

Tested Compound	CAS No.	Result (%,w/w)					Limit (%,w/w)
		(1)	(2)	(3)	(4)	(5)	(Max.)
Dibutyl phthalate (DBP)	84-74-2	ND	ND	ND	ND	ND	-
Diethyl hexyl phthalate (DEHP)	117-81-7	ND	ND	ND	0.02	ND	-
Benzyl butyl phthalate (BBP)	85-68-7	ND	ND	ND	ND	ND	-
Diisobutyl phthalate (DIBP)	84-69-5	ND	ND	ND	ND	ND	-
Sum of DBP,DEHP,BBP and DIBP	--	ND	ND	ND	0.02	ND	0.1

Tested Compound	CAS No.	Result (%,w/w)					Limit (%,w/w)
		(6)	(7)@	(8)	(9)	(10)	(Max.)
Dibutyl phthalate (DBP)	84-74-2	ND	ND	0.02	ND	ND	-
Diethyl hexyl phthalate (DEHP)	117-81-7	ND	ND	ND	ND	ND	-
Benzyl butyl phthalate (BBP)	85-68-7	ND	ND	ND	ND	ND	-
Diisobutyl phthalate (DIBP)	84-69-5	ND	ND	ND	ND	ND	-
Sum of DBP,DEHP,BBP and DIBP	--	ND	ND	0.02	ND	ND	0.1

Tested Compound	CAS No.	Result (%,w/w)					Limit (%,w/w)
		(12)	(13)	(14)	(15)	(16)	(Max.)
Dibutyl phthalate (DBP)	84-74-2	ND	ND	ND	ND	ND	-
Diethyl hexyl phthalate (DEHP)	117-81-7	ND	ND	0.01	ND	ND	-
Benzyl butyl phthalate (BBP)	85-68-7	ND	ND	ND	ND	ND	-
Diisobutyl phthalate (DIBP)	84-69-5	ND	ND	ND	ND	ND	-
Sum of DBP,DEHP,BBP and DIBP	--	ND	ND	0.01	ND	ND	0.1

Tested Compound	CAS No.	Result (%,w/w)					Limit (%,w/w)
		(17)	(18)@	(19)	(20)	(21)	(Max.)
Dibutyl phthalate (DBP)	84-74-2	ND	ND	ND	ND	ND	-
Diethyl hexyl phthalate (DEHP)	117-81-7	ND	0.02	ND	ND	ND	-
Benzyl butyl phthalate (BBP)	85-68-7	ND	ND	ND	ND	ND	-
Diisobutyl phthalate (DIBP)	84-69-5	ND	ND	ND	ND	ND	-
Sum of DBP,DEHP,BBP and DIBP	--	ND	0.02	ND	ND	ND	0.1

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Tests Conducted (As Requested By The Applicant)

The above limit was quoted according to Annex XVII Item 51of the REACH Regulation (EC) No. 1907/2006 & Amendment No. 552/2009& Amendment Commission Regulation (EU) 2018/2005 for phthalate content in articles.

For toys and childcare articles, DIBP limit was quoted from Commission Regulation (EU) 2018/2005 effective from 7 July 2020.

For non-toys and non-childcare articles, DBP, DEHP, BBP, DIBP limit was quoted from Commission Regulation (EU) 2018/2005 effective from 7 July 2020.

II. Annex XVII Item 52

Tested Compound	CAS No.	Result (%,w/w)					Limit (%,w/w)
		(1)	(2)	(3)	(4)	(5)	(Max.)
Di-n-octyl phthalate (DnOP)	117-84-0	ND	ND	ND	ND	ND	-
Diisononyl phthalate (DINP)	28553-12-0/ 68515-48-0	ND	ND	ND	ND	ND	-
Diisodecyl phthalate (DIDP)	26761-40-0/ 68515-49-1	ND	ND	ND	ND	ND	-
Sum of DINP, DNOP and DIDP	--	ND	ND	ND	ND	ND	0.1

Tested Compound	CAS No.	Result (%,w/w)					Limit (%,w/w)
		(6)	(7)@	(8)	(9)	(10)	(Max.)
Di-n-octyl phthalate (DnOP)	117-84-0	ND	ND	ND	ND	ND	-
Diisononyl phthalate (DINP)	28553-12-0/ 68515-48-0	ND	ND	ND	ND	ND	-
Diisodecyl phthalate (DIDP)	26761-40-0/ 68515-49-1	ND	ND	ND	ND	ND	-
Sum of DINP, DNOP and DIDP	--	ND	ND	ND	ND	ND	0.1

Tested Compound	CAS No.	Result (%,w/w)					Limit (%,w/w)
		(12)	(13)	(14)	(15)	(16)	(Max.)
Di-n-octyl phthalate (DnOP)	117-84-0	ND	ND	ND	ND	ND	-
Diisononyl phthalate (DINP)	28553-12-0/ 68515-48-0	ND	ND	ND	ND	ND	-
Diisodecyl phthalate (DIDP)	26761-40-0/ 68515-49-1	ND	ND	ND	ND	ND	-
Sum of DINP, DNOP and DIDP	--	ND	ND	ND	ND	ND	0.1

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Tested Compound	CAS No.	Result (%,w/w)					Limit (%,w/w)
		(17)	(18)@	(19)	(20)	(21)	(Max.)
Di-n-octyl phthalate (DnOP)	117-84-0	ND	ND	ND	ND	ND	-
Diisononyl phthalate (DINP)	28553-12-0/ 68515-48-0	ND	ND	ND	ND	ND	-
Diisodecyl phthalate (DIDP)	26761-40-0/ 68515-49-1	ND	ND	ND	ND	ND	-
Sum of DINP, DNOP and DIDP	--	ND	ND	ND	ND	ND	0.1

The above limit was quoted according to Annex XVII Item 52 of the REACH Regulation (EC) No. 1907/2006 & Amendment No. 552/2009 for phthalate content in toys and childcare articles.

Remark：Detection Limit = 0.01%(w/w)
ND = Not Detected

@ = As requested by the applicant, the surface coatings were tested with the substrate for phthalate test. With the consideration of the dilution factor, the testing result may not represent the result of the individual coatings and substrate.

Tested Components： See Component List In The Last Section Of This Report.

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Tests Conducted (As Requested By The Applicant)

7 Cadmium (Cd) Content

With Reference To Methods EN 1122 (Method B)/ IEC 62321:2008/ ISO 11885:2007, Acid Digestion Method Was Used And Total Cadmium Content Was Determined By Inductively Coupled Argon Plasma Spectrometry.

Tested Component	Result In %
(1)	ND
(2)	ND
(3)	ND
(4)	ND
(5)	ND
(6)	ND
(7)	ND
(8)	ND
(9)	ND
(10)	ND
(12)	ND
(13)	ND
(14)	ND
(15)	ND
(16)	ND
(17)	ND
(18)	ND
(19)	ND
(20)	ND
(21)	ND

Requirement：	
Category	Limit (%)
Paints with codes [3208] and [3209]	0.01
Paints with codes [3208] [3209] with a zinc content exceeding 10 % by weight of the paint	0.1
Painted article	0.1
Plastic	0.01
Metal parts of jewellery & hair accessories	0.01

Remark：ND = Not Detected (<0.0005%)

Tested Components： See Component List In The Last Section Of This Report.

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Tests Conducted (As Requested By The Applicant)

8 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 14362-1 : 2012 For Textile Material

	Forbidden	Cas No.	Result (11)
1.	4-Aminodiphenyl	92-67-1	N
2.	Benzidine	92-87-5	N
3.	4-Chloro-o-Toluidine	95-69-2	N
4.	2-Naphthylamine	91-59-8	N
5.	o-Aminoazotoluene	97-56-3	N
6.	2-Amino-4-Nitrotoluene	99-55-8	N
7.	p-Chloroaniline	106-47-8	N
8.	2,4-Diaminoanisole	615-05-4	N
9.	4,4'-Diaminodiphenylmethane	101-77-9	N
10.	3,3'-Dichlorobenzidine	91-94-1	N
11.	3,3'-Dimethoxybenzidine	119-90-4	N
12.	3,3'-Dimethylbenzidine	119-93-7	N
13.	3,3'-Dimethyl-4,4'diaminodiphenylmethane	838-88-0	N
14.	p-Cresidine	120-71-8	N
15.	4,4'-Methylene-Bis(2-Chloroaniline)	101-14-4	N
16.	4,4'-Oxydianiline	101-80-4	N
17.	4,4'-Thiodianiline	139-65-1	N
18.	o-Toluidine	95-53-4	N
19.	2,4-Toluylenediamine	95-80-7	N
20.	2,4,5-Trimethylaniline	137-17-7	N
21.	o-Anisidine	90-04-0	N
22.	p-Aminoazobenzene	60-09-3	N

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

Tested Components: See Component List In The Last Section Of This Report.

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Tests Conducted (As Requested By The Applicant)

9 Physical And Mechanical Tests

As Per The ASTM Standard Consumer Safety Specification For Toy Safety F963-17.

Applicant's Specified Age Group For Testing: For 3-8 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
Impact Test	Section 1500.53(b)	4 x 3.0 ft
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 (Visual Check On Cleanliness)	P
4.5	Sound-Producing Toys	P
4.6.1	Toys Intended For Children Under 36 Months (Small Objects)	NA
4.6.2	Mouth-Actuated Toys	NA
4.6.3	Toys And Games For 36 Months To 72 Months (Small Part Warning)	NA
4.7	Accessible Edges	P
4.8	Projections	P
4.9	Accessible Points	P
4.10	Wires Or Rods	NA
4.11	Nails And Fasteners	P
4.12	Plastic Film	NA
4.13	Folding Mechanisms And Hinges	P
4.14	Cords And Elastics In Toys	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 Such As Helmets, Hats, And Goggles	NA
4.20	Pacifiers	NA
4.21	Projectile Toys	NA
4.22	Teethers And Teething Toys	NA
4.23	Rattles	NA
4.24	Squeeze Toys	NA
4.25	Battery-Operated Toys	NR#1

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Tests Conducted (As Requested By The Applicant)

Section	Testing Items	Assessment
4.26	Toys Intended To Be Attached To A Crib Or Playpen	NA
4.27	Stuffed And Beanbag-Type Toys	NA
4.28	Stroller And Carriage Toys	NA
4.29	Art Materials	NA
4.30	Toy Gun Marking	NA
4.31	Balloons	NA
4.32	Certain Toys With Nearly Spherical Ends	NA
4.33	Marbles	NA
4.34	Balls	NA
4.35	Pompoms	NA
4.36	Hemispheric-Shaped Objects	NA
4.37	Yoyo Elastic Tether Toys	NA
4.38	Magnets	NA
4.39	Jaw Entrapment In Handles And Steering Wheels	NA
4.40	Expanding Materials	NA
4.41	Toy Chests	NA
5	Labelling Requirement	P#1
6	Instructional Literature	P#1
7.1	Producer's Markings - Name Of Producer/Distributor - Address	 YES YES
7.3	Toy Chests - Name of Manufacturer/Distributor/Seller (Toy) - Address (City, State And Zip Code) of Manufacturer/Distributor/Seller (Toy) - Date Code (Toy And Package/Shipping Container)	NA

Remark: P = Pass NA = Not applicable NR= Not Request

The Submitted Samples Were Undergone The Tests In Accordance With Section 8.5 Through Section 8.18 And 8.20 Through 8.26 On Normal Use, Abuse And Specific Tests For Different Types Of Toys Whichever Is Applicable.

#1 = As applicant's request, section 4.25, 5.15, 6.5, 6.6, 7.2 for Battery-operated Toys were not assessed.

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Tests Conducted (As Requested By The Applicant)

10 Flammability Test

As Per Section 4.2 Of The ASTM Standard Consumer Safety Specification For Toy Safety F963-17, The Sample Was Tested According To Annex A5 Flammability Testing Procedure For Solids And Soft Toys.

Results: Did Not Ignite

Date Sample Received: Aug 09, 2019
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11 Soluble Elements Analysis In Surface Coating

As per section 4.3.5.1(2) of the ASTM standard consumer safety specification on toy safety F963-17, acid extraction method was used and heavy metal elements migration content were determined by Inductively Coupled Argon Plasma Spectrometry.

	Result (ppm)		Limit (ppm)
	(9)	(21)	
Sol. Barium (Ba)	<5	<5	1000
Sol. Lead (Pb)	<5	<5	90
Sol. Cadmium (Cd)	<5	<5	75
Sol. Antimony (Sb)	<5	<5	60
Sol. Selenium (Se)	<5	<5	500
Sol. Chromium (Cr)	<5	<5	60
Sol. Mercury (Hg)	<5	<5	60
Sol. Arsenic (As)	<2.5	<2.5	25

Remark: Sol. = Soluble
ppm = Parts Per Million = mg/kg

Tested Components: See Component List In The Last Section Of This Report.

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Tests Conducted (As Requested By The Applicant)

12 Soluble Elements Analysis In Non-Surface Coating Materials (Substrate Except Modelling Clay)

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

	Result (ppm)									Limit (ppm)
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(10)	
Sol. Barium (Ba)	<5	<5	<5	<5	<5	<5	<5	<5	<5	1000
Sol. Lead (Pb)	<5	<5	<5	<5	<5	<5	<5	<5	<5	90
Sol. Cadmium (Cd)	<5	<5	<5	<5	<5	<5	<5	<5	<5	75
Sol. Antimony (Sb)	<5	<5	<5	<5	<5	<5	<5	<5	<5	60
Sol. Selenium (Se)	<5	<5	<5	<5	<5	<5	<5	<5	<5	500
Sol. Chromium (Cr)	<5	<5	<5	<5	<5	<5	<5	<5	<5	60
Sol. Mercury (Hg)	<5	<5	<5	<5	<5	<5	<5	<5	<5	60
Sol. Arsenic (As)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	25

	Result (ppm)									Limit (ppm)
	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	
Sol. Barium (Ba)	<5	<5	<5	<5	<5	<5	<5	<5	<5	1000
Sol. Lead (Pb)	<5	<5	<5	<5	<5	<5	<5	<5	<5	90
Sol. Cadmium (Cd)	<5	<5	<5	<5	<5	<5	<5	<5	<5	75
Sol. Antimony (Sb)	<5	<5	<5	<5	<5	<5	<5	<5	<5	60
Sol. Selenium (Se)	<5	<5	<5	<5	<5	<5	<5	<5	<5	500
Sol. Chromium (Cr)	<5	<5	<5	<5	<5	<5	<5	<5	<5	60
Sol. Mercury (Hg)	<5	<5	<5	<5	<5	<5	<5	<5	<5	60
Sol. Arsenic (As)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	25

Remark: Sol. = Soluble
ppm = Parts Per Million = mg/kg

Tested Components: See Component List In The Last Section Of This Report.

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Tests Conducted (As Requested By The Applicant)

13 Total Lead (Pb) Content

As per section 4.3.5 of the ASTM standard consumer safety specification on toy safety F963-17, test method CPSC-CH-E1001-08.3, CPSC-CH-E1002-08.3 or/and CPSC-CH-E1003-09.1 was/were used and total Lead content was determined by Inductively Coupled Argon Plasma Spectrometry.

(Ⅰ) Surface Coating

Tested Component	Result In ppm	Limit In ppm
(9)	<20	90
(21)	<20	90

(Ⅱ) Non-Surface Coating

Tested Component	Result In ppm	Limit In ppm
(1)	<10	100
(2)	<10	100
(3)	<10	100
(4)	45	100
(5)	<10	100
(6)	<10	100
(7)	<10	100
(8)	<10	100
(10)	20	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

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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Tests Conducted (As Requested By The Applicant)

14 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 In ppm	Limit In ppm
(9)	<20	90
(21)	<20	90

The Above Requirement Was Quoted For Us Consumer Product Safety Improvement Act 2008. (H.R.4040) Total Lead Content.

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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Tests Conducted (As Requested By The Applicant)

15 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 Methods CPSC-CH-E1002-08.1 And/Or CPSC-CH-E1001-08.1 Were Used And Total Lead Content Was Determined By Inductively Coupled Argon Plasma Spectrometry.

Tested Component	Result In ppm	Limit In ppm
(1)	<10	100
(2)	<10	100
(3)	<10	100
(4)	45	100
(5)	<10	100
(6)	<10	100
(7)	<10	100
(8)	<10	100
(10)	20	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

The Above Requirement Was Quoted For Us Consumer Product Safety Improvement Act 2008. (H.R.4040) Total Lead Content.

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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Tests Conducted (As Requested By The Applicant)
16 Phthalate Content

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

Test item	CAS No.	Result (%) Tested component					Reporting limit (%)	Limit (%)
		(1)	(3)	(3)	(4)	(5)		
Dibutyl phthalate (DBP)	84-74-2	ND	ND	ND	ND	ND	0.01	0.1
Di-(2-ethyl hexyl) phthalate (DEHP)	117-81-7	ND	ND	ND	0.02	ND	0.01	0.1
Benzyl butyl phthalate (BBP)	85-68-7	ND	ND	ND	ND	ND	0.01	0.1
Di-iso-nonyl phthalate (DINP)	28553-12-0	ND	ND	ND	ND	ND	0.01	0.1
Diisobutyl phthalate (DIBP)	84-69-5	ND	ND	ND	ND	ND	0.01	0.1
Di-n-pentyl Phthalate (DPENP)	131-18-0	ND	ND	ND	ND	ND	0.01	0.1
Di-n-hexyl Phthalate (DHEXP)	84-75-3	ND	ND	ND	ND	ND	0.01	0.1
Dicyclohexyl Phthalate (DCHP)	84-61-7	ND	ND	ND	ND	ND	0.01	0.1

Test item	CAS No.	Result (%) Tested component					Reporting limit (%)	Limit (%)
		(6)	(7)	(8)	(9)	(10)		
Dibutyl phthalate (DBP)	84-74-2	ND	ND	0.02	ND	ND	0.01	0.1
Di-(2-ethyl hexyl) phthalate (DEHP)	117-81-7	ND	ND	ND	ND	ND	0.01	0.1
Benzyl butyl phthalate (BBP)	85-68-7	ND	ND	ND	ND	ND	0.01	0.1
Di-iso-nonyl phthalate (DINP)	28553-12-0	ND	ND	ND	ND	ND	0.01	0.1
Diisobutyl phthalate (DIBP)	84-69-5	ND	ND	ND	ND	ND	0.01	0.1
Di-n-pentyl Phthalate (DPENP)	131-18-0	ND	ND	ND	ND	ND	0.01	0.1
Di-n-hexyl Phthalate (DHEXP)	84-75-3	ND	ND	ND	ND	ND	0.01	0.1
Dicyclohexyl Phthalate (DCHP)	84-61-7	ND	ND	ND	ND	ND	0.01	0.1

Test item	CAS No.	Result (%) Tested component					Reporting limit (%)	Limit (%)
		(12)	(13)	(14)	(15)	(16)		
Dibutyl phthalate (DBP)	84-74-2	ND	ND	ND	ND	ND	0.01	0.1
Di-(2-ethyl hexyl) phthalate (DEHP)	117-81-7	ND	ND	0.01	ND	ND	0.01	0.1
Benzyl butyl phthalate (BBP)	85-68-7	ND	ND	ND	ND	ND	0.01	0.1
Di-iso-nonyl phthalate (DINP)	28553-12-0	ND	ND	ND	ND	ND	0.01	0.1
Diisobutyl phthalate (DIBP)	84-69-5	ND	ND	ND	ND	ND	0.01	0.1
Di-n-pentyl Phthalate (DPENP)	131-18-0	ND	ND	ND	ND	ND	0.01	0.1
Di-n-hexyl Phthalate (DHEXP)	84-75-3	ND	ND	ND	ND	ND	0.01	0.1
Dicyclohexyl Phthalate (DCHP)	84-61-7	ND	ND	ND	ND	ND	0.01	0.1

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Tests Conducted (As Requested By The Applicant)

Test item	CAS No.	Result (%)					Reporting limit (%)	Limit (%)
		Tested component						
		(17)	(18)	(19)	(20)	(21)		
Dibutyl phthalate (DBP)	84-74-2	ND	ND	ND	ND	ND	0.01	0.1
Di-(2-ethyl hexyl) phthalate (DEHP)	117-81-7	ND	0.02	ND	ND	ND	0.01	0.1
Benzyl butyl phthalate (BBP)	85-68-7	ND	ND	ND	ND	ND	0.01	0.1
Di-iso-nonyl phthalate (DINP)	28553-12-0	ND	ND	ND	ND	ND	0.01	0.1
Diisobutyl phthalate (DIBP)	84-69-5	ND	ND	ND	ND	ND	0.01	0.1
Di-n-pentyl Phthalate (DPENP)	131-18-0	ND	ND	ND	ND	ND	0.01	0.1
Di-n-hexyl Phthalate (DHEXP)	84-75-3	ND	ND	ND	ND	ND	0.01	0.1
Dicyclohexyl Phthalate (DCHP)	84-61-7	ND	ND	ND	ND	ND	0.01	0.1

The above limit was quoted according to U.S. Consumer Product Safety Commission (CPSC)'s decision on publishing the final rule for the 16 CFR part 1307 for Prohibition of Children's Toys and Child Care Articles Containing Specified Phthalates on 18 October 2017.

ND = Not detected

Tested Components：See Component List In The Last Section Of This Report.

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Tests Conducted (As Requested By The Applicant)

Photo

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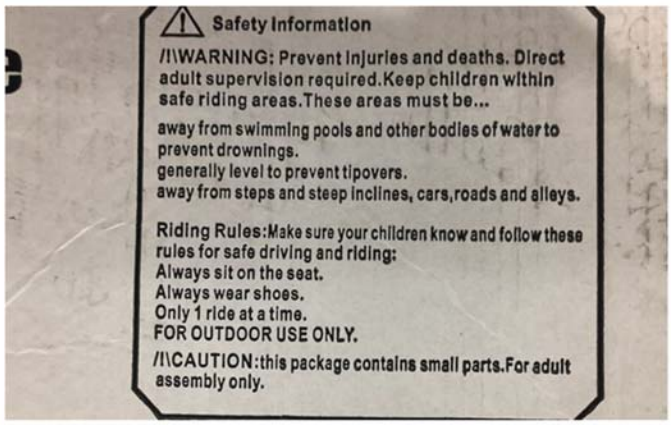
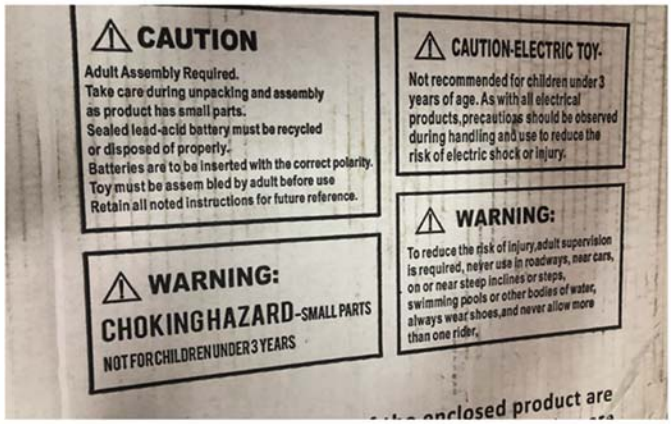
Tests Conducted (As Requested By The Applicant)





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Tests Conducted (As Requested By The Applicant)
Components List：

(1) White Plastic(Body).
(2) Black Plastic(Body).
(3) Black Plastic(Front Window,Door).
(4) Black Plastic Excluding Coating(Front Fence).
(5) Transparent Plastic(Front Light).
(6) Red Transparent Plastic(Tail Light).
(7) White Plastic With Grey Printing(Button).
(8) Red Plastic Excluding Coating(Switch).
(9) Silver Grey Coating On Plastic(Spare Wheel,Instrument Panel).
(10) Black Plastic(Seat).
(11) Black Woven Fabric(Safety Belt).
(12) Black Plastic(Wheel).
(13) Black Soft Plastic(Wire Protect).
(14) Blue Soft Plastic(Wire).
(15) Orange Soft Plastic(Wire).
(16) Black Soft Plastic(Wire).
(17) Red Soft Plastic(Wire).
(18) White Adhesive Paper With Multi-color Printing Underlying Plastic Film(Rearview Mirror,Tail).
(19) Red Laser(Tail).
(20) Silver Soft Plastic(Sticker).
(21) Black Coating On Metal(Chassis).

End of Report

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