

TEST REPORT

Number : WUXH00111004S1

Applicant : PINGHU LITTLE SUN CHILDS VEHICLES CO.,LTD
3 RD FLOOR NO.8, JINHUI ROAD, XINCANG
TOWN, PINGHU, ZHEJIANG PROVINCE, 314205,CHINA

Date : Mar 09, 2021
This Is To Supersede Report No.
WUXH00111004 Dated Feb 25,
2021

Attn : MR.YANG

Sample Description:

One (1) Group Of Submitted Sample Said To Be :
Item Name : Ride On Car.
Item No. : S303,S303-1,S503.
Labelled Age Group : For 3-8 Years.
Packaging Provided By Applicant : Yes(Artwork).
Goods Exported To : 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



TEST REPORT

Number : WUXH00111004S1

Conclusion:

<u>Tested Sample</u>	<u>Standard</u>	<u>Result</u>
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 71-3:2019 On Migration Of Certain Elements	Pass
Tested Components Of Submitted Sample	EN 71-3: 2019 on migration of certain elements & EU 2019/1922 amending 2009/48/EC (effective from May, 20,2021) for Aluminium (Al) migration	Pass
Submitted Sample	EN IEC 62115:2020+A11:2020- Safety of Electric Toys Excluding Annex D, Annex E, Annex I , Annex J	Pass
Tested Components Of Submitted Sample	Phthalates content requirement in Annex XVII Item 51of 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	Phthalates content requirement in Annex XVII Items 52 of the REACH Regulation (EC) No. 1907/2006 & Amendment No. 552/2009 (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 (EC) No. 552/2009 and (EU) 2020/2096	Pass

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



Peter Chen
General Manager



TEST REPORT

Number : WUXH00111004S1

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
Flexibility of metallic wires	8.13	70 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



TEST REPORT

Number : WUXH00111004S1

Tests Conducted (As Requested By The Applicant)

Clause	Testing items	Assessment
4.21	Toys containing a non-electrical heat source	NA
4.22	Small balls	NA
4.23	Magnets	NA
4.24	Yo-yo balls	NA
4.25	Toys attached to food	NA
4.26	Toy disguise costumes	NA
4.27	Flying toys	NA
5	Toys intended for children under 36 months	
5.1	General requirements	NA
5.2	Soft-filled toys and soft-filled parts of a toy	NA
5.3	Plastic sheeting	NA
5.4	Cords, chains and electrical cables in toys	NA
5.5	Liquid filled toys	NA
5.6	Speed limitation of electrically-driven ride-on toys	NA
5.7	Glass and porcelain	NA
5.8	Shape and size of certain toys	NA
5.9	Toys comprising monofilament fibres	NA
5.10	Small balls	NA
5.11	Play figures	NA
5.12	Hemispheric-shaped toys	NA
5.13	Suction cups	NA
5.14	Straps intended to be worn fully or partially around the neck	NA
5.15	Sledges with cords for pulling	NA
6	Packaging	P
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



TEST REPORT

Number : WUXH00111004S1

Tests Conducted (As Requested By The Applicant)

Clause	Testing items	Assessment
7.12	Liquid-filled teethingers	NA
7.13	Percussion caps specifically designed for use in toys	NA
7.14	Acoustics	NA
7.15	Toy bicycles	NA
7.16	Toys intended to bear the mass of a child	NA
7.17	Toys comprising monofilament fibres	NA
7.18	Toy scooters	NA
7.19	Rocking horses and similar toys	NA
7.20	Magnetic/electrical experimental sets	NA
7.21	Toys with electrical cables exceeding 300 mm in length	NA
7.22	Toys with cords or chains intended for children of 18 months and over but under 36 months	NA
7.23	Toys intended to be attached to a cradle, cot or perambulator	NA
7.24	Sledges with cords for pulling	NA
7.25	Flying toys	NA
7.26	Improvised projectiles	NA

Remark: P = Pass NA = Not Applicable

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 and address were on the product & packaging.
- Importer's name and address were missed.
- Product identification code was on the product & packaging.
- CE-marking was on the packaging.

Date Sample Received: Jan 18, 2021 & Feb 23, 2021

Testing Period: : Jan 18, 2021 To Feb 23, 2021



TEST REPORT

Number : WUXH00111004S1

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	
4.2.2	Beards, moustaches, wigs, etc., made from hair, pile or material with similar features, which protrude 50 mm or more from the surface of the toy	NA
4.2.3	Beards, moustaches, wigs, etc., made from hair, pile or material with similar features, which protrude less than 50 mm from the surface of the toy	NA
4.2.4	Full or partial moulded head masks	NA
4.2.5	Flowing elements of toys to be worn on the head	NA
4.3	Toy Disguise Costumes and Toys Intended to be Worn by a Child in Play	NA
4.4	Toys Intended to be Entered by a Child	NA
4.5	Soft Filled Toys	NA

Remark : P = Pass NA = Not Applicable

Date Sample Received: Jan 18, 2021 & Feb 23, 2021

Testing Period: : Jan 18, 2021 To Feb 23, 2021



TEST REPORT

Number : WUXH00111004S1

Tests Conducted (As Requested By The Applicant)

3 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

<u>Element</u>	<u>Result (mg/kg)</u>				<u>Limit (mg/kg)</u>
	(1)	(2)	(3)	(4)	
Aluminium (Al)	< 300	< 300	< 300	< 300	70000/28130®
Antimony (Sb)	< 10	< 10	< 10	< 10	560
Arsenic (As)	< 10	< 10	< 10	< 10	47
Barium (Ba)	< 10	< 10	< 10	< 10	18750
Boron (B)	< 50	< 50	< 50	< 50	15000
Cadmium (Cd)	< 5	< 5	< 5	< 5	17
Chromium (III) (Cr III) ⁺⁺	< 10	< 10	< 10	< 10	460
Chromium (VI) (Cr VI) ⁺⁺	< 0.025#	< 0.025	< 0.025	< 0.025#	0.053
Cobalt (Co)	< 10	< 10	< 10	< 10	130
Copper (Cu)	< 10	< 10	< 10	< 10	7700
Lead (Pb)	< 10	< 10	< 10	< 10	23
Manganese (Mn)	< 10	< 10	< 10	< 10	15000
Mercury (Hg)	< 10	< 10	< 10	< 10	94
Nickel (Ni)	< 10	< 10	< 10	< 10	930
Selenium (Se)	< 10	< 10	< 10	< 10	460
Strontium (Sr)	< 100	< 100	< 100	< 100	56000
Tin (Sn)	< 10	< 10	< 10	< 10	180000
Organic tin ⁺⁺	< 3.0	< 3.0	< 3.0	< 3.0	12
Zinc (Zn)	< 100	< 100	< 100	< 100	46000



TEST REPORT

Number : WUXH00111004S1

Tests Conducted (As Requested By The Applicant)

<u>Element</u>	<u>Result (mg/kg)</u>				<u>Limit (mg/kg)</u>
	(5)	(6)	(7)	(8)	
Aluminium (Al)	< 300	< 300	< 300	< 300	70000/28130 [®]
Antimony (Sb)	< 10	< 10	< 10	< 10	560
Arsenic (As)	< 10	< 10	< 10	< 10	47
Barium (Ba)	< 10	< 10	< 10	< 10	18750
Boron (B)	< 50	< 50	< 50	< 50	15000
Cadmium (Cd)	< 5	< 5	< 5	< 5	17
Chromium (III) (Cr III) ⁺⁺	< 10	< 10	< 10	< 10	460
Chromium (VI) (Cr VI) ⁺⁺	< 0.025#	< 0.025	< 0.025	< 0.025	0.053
Cobalt (Co)	< 10	< 10	< 10	< 10	130
Copper (Cu)	< 10	< 10	< 10	< 10	7700
Lead (Pb)	< 10	< 10	< 10	< 10	23
Manganese (Mn)	< 10	< 10	< 10	< 10	15000
Mercury (Hg)	< 10	< 10	< 10	< 10	94
Nickel (Ni)	< 10	< 10	< 10	< 10	930
Selenium (Se)	< 10	< 10	< 10	< 10	460
Strontium (Sr)	< 100	< 100	< 100	< 100	56000
Tin (Sn)	< 10	< 10	< 10	< 10	180000
Organic tin ⁺⁺	< 3.0	< 3.0	< 3.0	< 3.0	12
Zinc (Zn)	< 100	< 100	< 100	< 100	46000

<u>Element</u>	<u>Result (mg/kg)</u>				<u>Limit (mg/kg)</u>
	(9)	(10)	(11)	(12)	
Aluminium (Al)	< 300	< 300	< 300	< 300	70000/28130 [®]
Antimony (Sb)	< 10	< 10	< 10	< 10	560
Arsenic (As)	< 10	< 10	< 10	< 10	47
Barium (Ba)	< 10	< 10	< 10	< 10	18750
Boron (B)	< 50	< 50	< 50	< 50	15000
Cadmium (Cd)	< 5	< 5	< 5	< 5	17
Chromium (III) (Cr III) ⁺⁺	< 10	< 10	< 10	< 10	460
Chromium (VI) (Cr VI) ⁺⁺	< 0.025	< 0.025	< 0.025	< 0.025	0.053
Cobalt (Co)	< 10	< 10	< 10	< 10	130
Copper (Cu)	< 10	< 10	< 10	< 10	7700
Lead (Pb)	< 10	< 10	< 10	< 10	23
Manganese (Mn)	< 10	< 10	< 10	< 10	15000
Mercury (Hg)	< 10	< 10	< 10	< 10	94
Nickel (Ni)	< 10	< 10	< 10	< 10	930
Selenium (Se)	< 10	< 10	< 10	< 10	460
Strontium (Sr)	< 100	< 100	< 100	< 100	56000
Tin (Sn)	< 10	< 10	< 10	< 10	180000
Organic tin ⁺⁺	< 3.0	< 3.0	< 3.0	< 3.0	12
Zinc (Zn)	< 100	< 100	< 100	< 100	46000



TEST REPORT

Number : WUXH00111004S1

Tests Conducted (As Requested By The Applicant)

<u>Element</u>	<u>Result (mg/kg)</u>				<u>Limit (mg/kg)</u>
	(13)	(14)	(15)	(16)	
Aluminium (Al)	< 300	< 300	< 300	< 300	70000/28130®
Antimony (Sb)	< 10	< 10	< 10	< 10	560
Arsenic (As)	< 10	< 10	< 10	< 10	47
Barium (Ba)	< 10	< 10	< 10	< 10	18750
Boron (B)	< 50	< 50	< 50	< 50	15000
Cadmium (Cd)	< 5	< 5	< 5	< 5	17
Chromium (III) (Cr III) **	< 10	< 10	< 10	< 10	460
Chromium (VI) (Cr VI) **	< 0.025	< 0.025	< 0.025	< 0.025#	0.053
Cobalt (Co)	< 10	< 10	< 10	< 10	130
Copper (Cu)	< 10	< 10	< 10	< 10	7700
Lead (Pb)	< 10	< 10	< 10	< 10	23
Manganese (Mn)	< 10	< 10	< 10	< 10	15000
Mercury (Hg)	< 10	< 10	< 10	< 10	94
Nickel (Ni)	< 10	< 10	< 10	< 10	930
Selenium (Se)	< 10	< 10	< 10	< 10	460
Strontium (Sr)	< 100	< 100	< 100	< 100	56000
Tin (Sn)	< 10	< 10	< 10	< 10	180000
Organic tin **	< 3.0	< 3.0	< 3.0	< 3.0	12
Zinc (Zn)	< 100	< 100	< 100	< 100	46000

<u>Element</u>	<u>Result (mg/kg)</u>				<u>Limit (mg/kg)</u>
	(17)	(18)	(19)	(20)	
Aluminium (Al)	< 300	< 300	< 300	1098	70000/28130®
Antimony (Sb)	18	18	< 10	< 10	560
Arsenic (As)	< 10	< 10	< 10	< 10	47
Barium (Ba)	< 10	< 10	< 10	< 10	18750
Boron (B)	< 50	< 50	< 50	< 50	15000
Cadmium (Cd)	< 5	< 5	< 5	< 5	17
Chromium (III) (Cr III) **	< 10	< 10	< 10	< 10	460
Chromium (VI) (Cr VI) **	< 0.025#	< 0.025	< 0.025	< 0.025#	0.053
Cobalt (Co)	< 10	< 10	< 10	< 10	130
Copper (Cu)	< 10	< 10	< 10	< 10	7700
Lead (Pb)	< 10	< 10	< 10	< 10	23
Manganese (Mn)	< 10	< 10	< 10	89	15000
Mercury (Hg)	< 10	< 10	< 10	< 10	94
Nickel (Ni)	< 10	< 10	< 10	< 10	930
Selenium (Se)	< 10	< 10	< 10	< 10	460
Strontium (Sr)	< 100	< 100	< 100	< 100	56000
Tin (Sn)	< 10	< 10	< 10	< 10	180000
Organic tin **	< 3.0Δ	< 3.0Δ	< 3.0	< 3.0	12
Zinc (Zn)	< 100	< 100	< 100	< 100	46000



TEST REPORT

Number : WUXH00111004S1

Tests Conducted (As Requested By The Applicant)

<u>Element</u>	<u>Result (mg/kg)</u>				<u>Limit (mg/kg)</u>
	(21)	(22)	(23)	(24)	
Aluminium (Al)	< 300	< 300	< 300	< 300	70000/28130®
Antimony (Sb)	< 10	< 10	< 10	< 10	560
Arsenic (As)	< 10	< 10	< 10	< 10	47
Barium (Ba)	< 10	< 10	< 10	< 10	18750
Boron (B)	< 50	< 50	< 50	< 50	15000
Cadmium (Cd)	< 5	< 5	< 5	< 5	17
Chromium (III) (Cr III) **	< 10	< 10	< 10	< 10	460
Chromium (VI) (Cr VI) **	< 0.025#	< 0.025#	< 0.025	< 0.025	0.053
Cobalt (Co)	< 10	< 10	< 10	< 10	130
Copper (Cu)	< 10	< 10	< 10	< 10	7700
Lead (Pb)	< 10	< 10	< 10	< 10	23
Manganese (Mn)	84	< 10	< 10	< 10	15000
Mercury (Hg)	< 10	< 10	< 10	< 10	94
Nickel (Ni)	< 10	< 10	< 10	< 10	930
Selenium (Se)	< 10	< 10	< 10	< 10	460
Strontium (Sr)	< 100	< 100	< 100	< 100	56000
Tin (Sn)	< 10	< 10	< 10	< 10	180000
Organic tin **	< 3.0	< 3.0	< 3.0	< 3.0	12
Zinc (Zn)	110	< 100	< 100	< 100	46000

<u>Element</u>	<u>Result (mg/kg)</u>		<u>Limit (mg/kg)</u>
	(25)	(26)	
Aluminium (Al)	< 300	< 300	70000/28130®
Antimony (Sb)	< 10	< 10	560
Arsenic (As)	< 10	< 10	47
Barium (Ba)	< 10	< 10	18750
Boron (B)	< 50	< 50	15000
Cadmium (Cd)	< 5	< 5	17
Chromium (III) (Cr III) **	< 10	< 10	460
Chromium (VI) (Cr VI) **	< 0.025	< 0.025	0.053
Cobalt (Co)	< 10	< 10	130
Copper (Cu)	< 10	< 10	7700
Lead (Pb)	< 10	< 10	23
Manganese (Mn)	< 10	< 10	15000
Mercury (Hg)	< 10	< 10	94
Nickel (Ni)	< 10	< 10	930
Selenium (Se)	< 10	< 10	460
Strontium (Sr)	< 100	< 100	56000
Tin (Sn)	< 10	< 10	180000
Organic tin **	< 3.0	< 3.0	12
Zinc (Zn)	< 100	< 100	46000



TEST REPORT

Number : WUXH00111004S1

Tests Conducted (As Requested By The Applicant)

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.

⊙ = The new Aluminium (Al) migration limit [2250mg/kg for Category (I), 560mg/kg for Category (II), 28130mg/kg for Category (III)] was quoted from directive (EU) 2019/1922 amending 2009/48/EC effective from 20 May 2021.

= 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, Dimethyl 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. Other Organic tin compounds may be also be present in sample as stated in EN 71-3:2019.

Tested Component: 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).

Date Sample Received: Jan 18, 2021

Testing Period: : Jan 18, 2021 To Feb 25, 2021



TEST REPORT

Number : WUXH00111004S1

Tests Conducted (As Requested By The Applicant)

4 Safety of Electric Toys

As per European Standard on Safety of Electric Toys EN IEC 62115:2020+A11:2020

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, 4.5 Ah, Lead-acid rechargeable battery x 1pc (Non- Replaceable)

Charger: type: Input 100-240V A.C. Output 12 V D.C. (Provided)
model: SP121201000V

Electric Operated Function: Battery powered sound, LED light, motion.

Clause	Requirement	Assessment
1	Scope	--
2	Normative reference	--
3	Term and definitions	--
4	General requirement	--
5	General conditions for test	--
6	Criteria for reduced testing	NA
6.1	General	--
6.2	Short-circuit resistance	NA
6.3	Low power electric toys	NA
6.4	Battery circuits	NA
7	Marking and instructions	P
7.1	General	P
7.2	Marking on electric toys	P
7.3	Instructions and markings on packaging	P
7.4	Instructions for electric toys that can be connected to class I equipment	NA
7.5	Instructions for ride-on electric toys	P
7.6	Temperature warnings	NA
8	Power input	NA
9	Heating and abnormal operation	P
9.1	General	--
9.2	Test condition	--
9.3	Normal operation	P
9.4	Normal operation with insulation short-circuited	P
9.5	Abnormal operation with temperature controls made inoperable	NA
9.6	With accessible moving parts locked	P
9.7	Additional transformers and power supplies	NA
9.8	Abnormal supply to electric toys via a USB connection.	NA
9.9	Fault condition in electronic circuits	P
9.10	Compliance criteria	P
10	Electric strength	P
10.1	Electric strength at operating temperature	P



TEST REPORT

Number : WUXH00111004S1

Tests Conducted (As Requested By The Applicant)

Clause	Requirement	Assessment
10.2	Electric strength under humid conditions	P
11	Electric toys used in water, electric toys used with liquid and electric toys cleaned with liquid	NA
12	Mechanical strength	P
12.1	Enclosures	P
12.2	Attachment strength	P
13	Construction	P
13.1	Nominal supply voltage	P
13.2	Transformers, power supplies and battery chargers	P
13.3	Thermal cut-outs.	NA
13.4	Batteries	P
13.5	Plug and sockets	P
13.6	Charging batteries	P
13.7	Series motors	NA
13.8	Working voltage	NA
13.9	Electric toys connecting to other equipment.	NA
13.10	Speed limitation of ride-on electric toys	P
14	Protection of cords and wires	P
14.1	Edges and moving parts	P
14.2	Fixed parts	NA
15	Components	See remark (1)
15.1.1	General	--
15.1.2	Switches and automatic controls	NA
15.1.3	Other components	See remark (1)
15.2	Prohibited components	P
15.3	Transformers and power supplies	NA
15.4	Battery chargers	See remark (1)
15.5	Batteries	NA
16	Screws and connections	P
16.1	Fixings	P
16.2	Connections	P
17	Clearances and creepage distances	P
18	Resistance to heat and fire	P
18.1	Resistance to heat	P
18.2	Resistance to fire	P
19	Radiation and similar hazards	See remark (2)
19.1	General	--
19.2	Optical radiation Toys incorporating lasers and or light emitting diodes (LED) or UV emitting lamps shall comply with Annex E. Electric toys incorporating LEDs shall comply with 19.E.2. Electric toys incorporating lasers shall comply with 19.E.3 Electric toys incorporating UV-emitting lamps shall comply with 19.E.4	See remark (2)
19.3	Other electromagnetic radiation	



TEST REPORT

Number : WUXH00111004S1

Tests Conducted (As Requested By The Applicant)

<u>Clause</u>	<u>Requirement</u>	<u>Assessment</u>
	Electric toys with an integrated field source that may produce harmful electromagnetic radiation Measurements methods are given in Annex I.	See remark (2)
Annex A	Experimental sets	NA
Annex B	Needle-flame test	NA
Annex C	Automatic controls and switches	NA
Annex D	Electric toys with protective electronic circuits	See remark (2)
Annex E	Safety of electric toys incorporating optical radiation sources	See remark (2)
Annex F	Flowcharts showing the assessment of optical radiation safety of LEDs in electric toys	--
Annex G	Examples of calculations on LEDs	--
Annex H	Explanation of the principles used for the requirements of Annex E	--
Annex I	Electric toys generating electromagnetic fields (EMF)	See remark (2)
Annex J	Safety of remote controls for electric ride-on toys	See remark (2)
Annex K	Flow charts showing the application of Clause 9	--

Abbreviation : P = Pass

NA = Not Applicable

Remark:

(1) Applicant Needs To Ensure That Components Used In Toys Shall Comply With The Safety Requirements Specified In The Relevant Standards.

Battery Charger For Toys Shall Comply With IEC 60335-2-29:2016 And Annex AA Of That Standard.

(2) As Requested By The Applicant, The Annex D, Annex E, Annex I , Annex J Were Not Assessed.

Date Sample Received: Jan 18, 2021 & Feb 23, 2021

Testing Period: : Jan 18, 2021 To Feb 23, 2021



TEST REPORT

Number : WUXH00111004S1

Tests Conducted (As Requested By The Applicant)

5 Phthalate Content

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

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

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

Tested Compound	CAS No.	Result (%w/w)				Limit (%w/w)
		(11)	(13)	(14)	(15)	(Max.)
Dibutyl phthalate (DBP)	84-74-2	ND	ND	ND	ND	-
Diethyl hexyl phthalate (DEHP)	117-81-7	ND	ND	0.02	ND	-
Benzyl butyl phthalate (BBP)	85-68-7	ND	ND	ND	ND	-
Diisobutyl phthalate (DIBP)	84-69-5	ND	ND	ND	ND	-
Sum of DBP,DEHP,BBP and DIBP	--	ND	ND	0.02	ND	0.1

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

Tested Compound	CAS No.	Result (%w/w)				Limit (%w/w)
		(21)	(23)	(24)	(25)	(Max.)
Dibutyl phthalate (DBP)	84-74-2	ND	ND	ND	ND	-
Diethyl hexyl phthalate (DEHP)	117-81-7	ND	ND	ND	ND	-
Benzyl butyl phthalate (BBP)	85-68-7	ND	ND	ND	ND	-
Diisobutyl phthalate (DIBP)	84-69-5	ND	ND	ND	ND	-
Sum of DBP,DEHP,BBP and DIBP	--	ND	ND	ND	ND	0.1



TEST REPORT

Number : WUXH00111004S1

Tests Conducted (As Requested By The Applicant)

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

The above limit was quoted according to Annex XVII Item 51 of the REACH Regulation (EC) No. 1907/2006 & Amendment No. 552/2009 & Amendment Commission Regulation (EU) 2018/2005 for phthalate content in 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 Component: See Component List In The Last Section Of This Report.

Date Sample Received: Jan 18, 2021
Testing Period: : Jan 18, 2021 To Feb 25, 2021



TEST REPORT

Number : WUXH00111004S1

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.

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

Tested Compound	CAS No.	Result (%w/w)				Limit
		(5)	(7)	(9)	(10)	(%w/w)
						(Max.)
Di-n-octyl phthalate (DnOP)	117-84-0	ND	ND	ND	ND	-
Diisononyl phthalate (DINP)	28553-12-0/ 68515-48-0	ND	ND	ND	ND	-
Diisodecyl phthalate (DIDP)	26761-40-0/ 68515-49-1	ND	ND	ND	ND	-
Sum of DINP, DNOP and DIDP	--	ND	ND	ND	ND	0.1

Tested Compound	CAS No.	Result (%w/w)				Limit
		(11)	(13)	(14)	(15)	(%w/w)
						(Max.)
Di-n-octyl phthalate (DnOP)	117-84-0	ND	ND	ND	ND	-
Diisononyl phthalate (DINP)	28553-12-0/ 68515-48-0	ND	ND	0.01	ND	-
Diisodecyl phthalate (DIDP)	26761-40-0/ 68515-49-1	ND	ND	ND	ND	-
Sum of DINP, DNOP and DIDP	--	ND	ND	0.01	ND	0.1

Tested Compound	CAS No.	Result (%w/w)				Limit
		(17)	(18)	(19)	(20)	(%w/w)
						(Max.)
Di-n-octyl phthalate (DnOP)	117-84-0	ND	ND	ND	ND	-
Diisononyl phthalate (DINP)	28553-12-0/ 68515-48-0	ND	ND	ND	0.01	-
Diisodecyl phthalate (DIDP)	26761-40-0/ 68515-49-1	ND	ND	ND	ND	-
Sum of DINP, DNOP and DIDP	--	ND	ND	ND	0.01	0.1



TEST REPORT

Number : WUXH00111004S1

Tests Conducted (As Requested By The Applicant)

Tested Compound	CAS No.	Result (%w/w)				Limit
		(21)	(23)	(24)	(25)	(%w/w)
						(Max.)
Di-n-octyl phthalate (DnOP)	117-84-0	ND	ND	ND	ND	-
Diisononyl phthalate (DINP)	28553-12-0/ 68515-48-0	ND	ND	ND	ND	-
Diisodecyl phthalate (DIDP)	26761-40-0/ 68515-49-1	ND	ND	ND	ND	-
Sum of DINP, DNOP and DIDP	--	ND	ND	ND	ND	0.1

Tested Compound	CAS No.	Result (%w/w)				Limit
		(26)	(26)	(26)	(26)	(%w/w)
						(Max.)
Di-n-octyl phthalate (DnOP)	117-84-0			ND		-
Diisononyl phthalate (DINP)	28553-12-0/ 68515-48-0			ND		-
Diisodecyl phthalate (DIDP)	26761-40-0/ 68515-49-1			ND		-
Sum of DINP, DNOP and DIDP	--			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 Component: See Component List In The Last Section Of This Report.

Date Sample Received: Jan 18, 2021
Testing Period: : Jan 18, 2021 To Feb 25, 2021



TEST REPORT

Number : WUXH00111004S1

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.

<u>Tested Component</u>	<u>Result in %</u>
(1)	ND
(2)	ND
(3)	ND
(4)	ND
(5)	ND
(7)	ND
(9)	ND
(10)	ND
(11)	ND
(13)	ND
(14)	0.0006
(15)	ND
(17)	ND
(18)	ND
(19)	ND
(20)	ND
(21)	ND
(23)	ND
(24)	ND
(25)	ND
(26)	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 Component: See Component List In The Last Section Of This Report.

Date Sample Received: Jan 18, 2021

Testing Period: : Jan 18, 2021 To Feb 25, 2021



TEST REPORT

Number : WUXH00111004S1

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 ISO 14362-1: 2017 for Textile Material

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

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

Method T: Direct buffer extraction as per EN ISO 14362-1: 2017 Section 10.2

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

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

Date Sample Received: Jan 18, 2021

Testing Period: : Jan 18, 2021 To Feb 25, 2021



TEST REPORT

Number : WUXH00111004S1

Tests Conducted (As Requested By The Applicant)

Photo



TEST REPORT

Number : WUXH00111004S1

Tests Conducted (As Requested By The Applicant)

Components List:

- (1) Red plastic(body).
- (2) Black plastic(front fence).
- (3) Transparent plastic(front light).
- (4) Dark red plastic(tail light).
- (5) Black bright plastic(steering wheel).
- (6) Black plastic(steering wheel button).
- (7) Red plastic(door lock).
- (8) Black frosted plastic(seat).
- (9) Black plastic(adjuster of safety belt).
- (10) Black plastic(accelerator pedal).
- (11) Black plastic(wheels).
- (12) Black bright plastic(wheel hub).
- (13) White plastic(connected part of wire).
- (14) Black plastic excluding silver grey coating(control panel).
- (15) Light red plastic excluding bright silver coating(bumper).
- (16) Black plastic with white printing(button beside seat).
- (17) White soft plastic with black printing(thin wire skin).
- (18) Black soft plastic with white printing(thin wire skin).
- (19) Black soft plastic(charger wire end).
- (20) Silver grey coating on plastic(control panel).
- (21) Black coating on metal(chassis).
- (22) Black woven fabric(safety belt).
- (23) White plastic(body).
- (24) Black plastic(body).
- (25) Blue plastic(body).
- (26) Pink plastic(body.)

End of Report

This report is made solely on the basis of your instructions and/or information and materials supplied by you. It is not intended to be a recommendation for any particular course of action. Intertek does not accept a duty of care or any other responsibility to any person other than the Client in respect of this report and only accepts liability to the Client insofar as is expressly contained in the terms and conditions governing Intertek's provision of services to you. Intertek makes no warranties or representations either express or implied with respect to this report save as provided for in those terms and conditions. We have aimed to conduct the Review on a diligent and careful basis and we do not accept any liability to you for any loss arising out of or in connection with this report, in contract, tort, by statute or otherwise, except in the event of our gross negligence or wilful misconduct.

This report shall not be reproduced except in full, without written approval of the laboratory



To : PINGHU LITTLE SUN CHILDS VEHICLES
Attention : MR.YANG

Date : Mar 09, 2021

Re : Report Revision Notification

Labtest Report Number WUXH00111004 date FEB 25, 2021

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 Labtest Report, Number WUXH00111004S1 , issued on Mar 09, 2021 .

Thank you for your attention

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



Peter Chen
General Manager

