

Test Report

Report No.: CTT2409010322EN

Page 1 of 36

Applicant: JIAXING YUBEI BABY CARRIER CO., LTD

Address: NO. 299., TONGCHE ROAD, XINCANG TOWN, PINGHU CITY

Sample Received Date: Sep. 03, 2024

Completed Date: Sep. 26, 2024

Report Date: Sep. 26, 2024

The following merchandise was (were) submitted and identified on behalf of the applicant as:

Sample Name: Electric Ride On Car

Sample Model: 6188 618

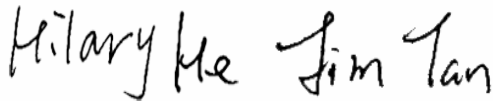
Test Age Group: 3+

REMARK: 6188 with trailer, 618 without trailer

Test Result(s): Please refer to next page(s).

Test Requested and Conclusion(s): Please refer to next page(s).

Signed for and on Behalf of CTT:



Hilary He/Jim Tan
Technical Manager



Verification Report

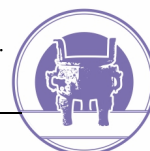
Test Report

Report No.: CTT2409010322EN

Page 2 of 36

Test Requested and Conclusion(s):

No.	Standard and Requirement	Conclusion(s)
1	EN 71-1:2014+A1:2018 Mechanical and physical properties(Excluding Section 4.2, 6, 7.1, 7.2 and 7.10)	PASS
2	ASTM F963-23 Mechanical and physical properties(Excluding Section 4.12, 4.15, 4.25.9, 5.1.2, 5.8, 5.14, 5.15, 6.1, 6.4, 6.5, 6.6, 7.1 and 7.2)	PASS
3	ASTM F963-23 Section 4.2: Flammability	PASS
4	EN IEC 62115:2020+A11:2020 - European Standard for Safety of Electric Toys (Excluding clause 7, 8 and 19)	PASS
5	US Public Law 110-314 [Consumer Product Safety Improvement Act of 2008(CPSIA) Sec. 101] - Total Lead (Pb) in accessible substrate materials	PASS
6	US Public Law 110-314 [Consumer Product Safety Improvement Act of 2008(CPSIA) Sec. 101] - Total Lead (Pb) in paint or surface coating	PASS
7	US Public Law 110-314 [Consumer Product Safety Improvement Act of 2008(CPSIA) Sec. 108] and CPSC 16 CFR 1307 - Phthalates	PASS
8	CPSC 16 CFR 1303 - Total Lead (Pb) in paint or surface coating	PASS
9	California Proposition 65, Alameda Superior Court, Case No. RG-07-356892 - Lead	PASS
10	California Proposition 65, Alameda Superior Court, Case No. BG07350969 - Phthalates	PASS
11	California AB1108 and California Proposition 65, Sacramento Superior Court, Case No. BG07350969 - Phthalates	PASS
12	EN 71-3:2019+A1: 2021(Category III) - Migration of certain elements	PASS
13	16 CFR 1307 Prohibition of children's toys and child care articles containing specified phthalates. - Phthalates	PASS
14	ASTM F963-23 Section 4.3.5.1 (Paint and Surface Coating) - Total Lead	PASS
15	ASTM F963-23 Section 4.3.5.2 (Metallic Material) - Total Lead	PASS

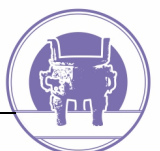


Test Report

Report No.: CTT2409010322EN

Page 3 of 36

16	ASTM F963-23 Section 4.3.5.2 (Non-metallic Materials) - Total Lead	PASS
17	ASTM F963-23, Section 4.3.8 - Phthalates	PASS
18	ASTM F963-23 Section 4.3.5.1 (Coating Materials) - Soluble heavy metal elements	PASS
19	ASTM F963-23 Section 4.3.5.2 (Non-Modeling Clays) - Soluble heavy metal elements	PASS



Test Report

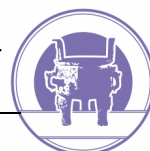
Report No.: CTT2409010322EN

Page 4 of 36

Test Result(s):

Mechanical and Physical Test - EN 71-1:2014+A1:2018

Section	Testing Items	Assessment
		16
4	General requirements	PASS
4.1	Material cleanliness	PASS
4.2	Assembly	NR*
4.3	Flexible plastic sheeting	NA
4.4	Toy bags	NA
4.5	Glass	NA
4.6	Expanding materials	NA
4.7	Edges	PASS
4.8	Points and metallic wires	PASS
4.9	Protruding parts	NA
4.10	Parts moving against each other	PASS
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
4.14.1	Toys which a child can enter	NA
4.14.1 a) and b)	For toys having a door, lid or similar device	NA
4.14.1 c)	Toy chest	NA
4.14.2	Masks and helmets	NA
4.15	Toys intended to bear the mass of a child	PASS
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	NA
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

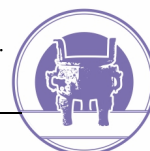


Test Report

Report No.: CTT2409010322EN

Page 5 of 36

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 fibers	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	NR*
7	Warnings, markings and instructions for use	
7.1	General	NR*
7.2	Toys not intended for children under 36 months	NR*
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, skateboards and certain other ride-on toys	NR*
7.11	Toys otherwise intended to be strung across a cradle, cot, or perambulator	NA
7.12	Liquid-filled teethingers	NA
7.13	Percussion caps specifically designed for use in toys	NA



Test Report

Report No.: CTT2409010322EN

Page 6 of 36

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 300mm 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

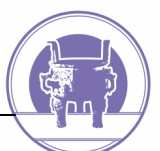
- Note:**
1. NA = Not Applicable
 2. NR = Not Requested
 3. "*" = Per client's requirement, the packaging was not evaluated.

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 not present and Manufacturer's address was not present.
- Importer's name was not present and Importer's address was not present.
- CE-Marking was not present.
- Product ID was not present.



Test Report

Report No.: CTT2409010322EN

Page 7 of 36

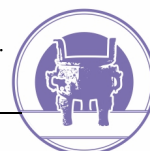
The submitted samples were undergone the use and abuse tests in accordance with the EN 71-1:2014+A1:2018

Testing Items	Parameter
	16
Torque test	0.34Nm
Tension test	90N
Compression test	110N
Impact test	1×1Kg×100mm
Tip over test	3 Times

Test Result(s):

Mechanical and Physical Properties - ASTM F963-23ⁿ

Section	Testing Items	Assessment
		16
4	Safety Requirements	
4.1	Material Quality	PASS
4.3.7	Stuffing Materials	NA
4.4	Electrical/Thermal Energy	NA
4.5	Sound-producing Toys	NA
4.6	Small Objects	NA
4.6.1	Toys that are intended for children under 36 months of age	NA
4.6.2	Mouth-actuated Toys	NA
4.6.3	Toys and games that are intended for use by children who are at least three years old but less than six years of age	NA
4.7	Accessible Edges	PASS
4.8	Projections	NA
4.9	Accessible Points	PASS
4.10	Wires or Rods	NA
4.11	Nails and Fasteners	PASS
4.12	Plastic Film	NR*
4.13	Folding Mechanisms and Hinges	NA
4.14	Cords, Straps, and Elastics	NA
4.15	Stability and Over-Load Requirements	NR* ¹
4.16	Confined Spaces	NA
4.17	Wheels, Tires, and Axles	PASS
4.18	Holes, Clearance, and Accessibility of Mechanisms	PASS

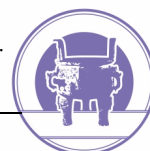


Test Report

Report No.: CTT2409010322EN

Page 8 of 36

4.19	Simulated Protective Devices	NA
4.20	Pacifiers	NA
4.21	Projectile Toys	NA
4.21.1	All Projectiles	NA
4.21.2	Projectile Toys with Stored Energy	NA
4.21.3	Projectile Toys without Stored Energy	NA
4.21.3.1	Mouth actuated projectile toys	NA
4.21.3.2	Projectiles shall not have any sharp edges or sharp points	NA
4.21.3.3	Arrows intended to be launched from a bow	NA
4.21.3.4	Projectiles in the form of an arrow	NA
4.21.4	Rotors	NA
4.22	Teethers and Teething Toys	NA
4.23	Rattles	NA
4.24	Squeeze Toys	NA
4.25	Battery-operated Toys	PASS* ¹
4.25.1	Battery compartment symbols	PASS
4.25.2	Maximum allowable direct current potential	PASS
4.25.3	Battery compartment design	PASS
4.25.4	Battery Accessibility	PASS
4.25.5	Mixture of battery	PASS
4.25.6	Temperatures requirement	PASS
4.25.7	Combustion hazard	PASS
4.25.8	Labeling Requirements	NR*
4.25.9	Battery-powered ride-on toys	NR* ¹
4.25.10	Toys that contain secondary cells or secondary batteries	NA
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
4.34.1	Toy intended for children under 36 months of age	NA
4.34.2	Toys intended for children at least 3 years old but less than 8 years	NA

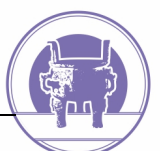


Test Report

Report No.: CTT2409010322EN

Page 9 of 36

	of age that contain a loose small ball	
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
4.41.1	Lid Support	NA
4.41.2	Hinge Line Clearance	NA
4.41.3	Closures	NA
4.41.4	Ventilation	NA
4.41.5	Toy chests shall comply with the requirements listed in 6.8 for accompanying instructional literature and 7.3 for producer's markings	NA
5	Labeling Requirement	
5.1.2	Tracking Label	NR*
5.4	Aquatic Toys	NA
5.5	Crib and Playpen Toys	NA
5.6	Mobiles	NA
5.7	Stroller and Carriage toys	NA
5.8	Toys Intended to be Assembled By an Adult	NR*
5.9	Simulated Protective Devices	NA
5.10	Toys with Functional Sharp Edges or Points	NA
5.11	Small Objects, Small Balls, Marbles, and Balloons	NA
5.12	Art Materials	NA
5.13	Electric Toys	NA
5.14	Battery-Operated Toys	NR*
5.15	Promotional Materials	NR*
5.16	Magnets	NA
6	Instructional Literature	
6.1	Definition and Description	NR*
6.2	Crib and Playpen Toys	NA
6.3	Mobiles	NA
6.4	Toys Intended to be Assembled By an Adult	NR*
6.5	Battery-Operated toys	NR*



Test Report

Report No.: CTT2409010322EN

Page 10 of 36

6.6	Battery-powered Ride-on Toys	NR*
6.7	Toys in Contact with Food	NA
6.8	Toy Chests	NA
6.9	The instructional material for toys which require a manufacturer-supplied specialty or custom tool to access the battery	NA
7	Producer's Marking	
7.1	Name of the producer or the distributor	NR*
	Address of the producer or the distributor	NR*
7.2	Battery-Powered Ride-on Toys	NR*
7.3	Toy Chests	NA

- Note:**
1. NA = Not Applicable
 2. NR = Not Required.
 3. "*" = Per client's requirement, the packaging was not evaluated.
 4. "*" = Per client's requirement, the section 4.15 and 4.25.9 was not evaluated.
 5. The name and address of the producer or the distributor shall be marked on the toy or the package.

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:

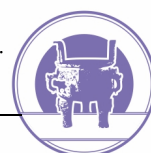
Testing Items	FHSA	Parameter
		16
Tip over Test	/	3 Times
Torque Test	Section 1500.53(e)	4.0 inch · lbf
Tension Test	Section 1500.53(f)	15 lbf
Compression Test	Section 1500.53(g)	30 lbf

Test Result(s):

Flammability - ASTM F963-23 Annex A5ⁿ

Sample Description	Ignition Location	Burn Length (inch)	Burn Time (sec.)	Burn Rate (inch/sec.)	Limit (inch/sec.)	Conclusion
16	Edge	/	/	DNI	0.15	PASS

- Note:**
1. DNI = Did not ignite.
 2. IBE = Ignited but self-extinguished before burn-rate could be determined.
 3. All styles of the submitted toy samples (and its accessories) was/were tested, the above result only showed the most severe burn rate of the samples.



Test Report

Report No.: CTT2409010322EN

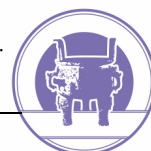
Page 11 of 36

Test Result(s):

EN IEC 62115:2020+A11:2020 European Standard for Safety of Electric Toys

Clause	Description	Assessment
		16
4	General requirement	PASS
5	General conditions for the tests	PASS
6	Criteria for reduced testing	NA
6.2	Short-circuit resistance	NA
6.3	Low power electric toys	NA
6.4	Battery circuits	NA
7	Marking and instructions	NR*
7.2	Markings on electric toys	NR*
7.3	Instructions and markings on packaging	NR*
7.4	Instructions for electric toys that can be connected to class I equipment	NR*
7.5	Instructions for ride-on electric toys	NR*
7.6	Temperature warnings	NR*
8	Power input	NR* ²
9	Heating and abnormal operation	PASS
10	Electric strength	PASS
11 ⁿ	Electric toys used in water, electric toys used with liquid and electric toys cleaned with liquid	NA
12	Mechanical strength	PASS
13	Construction	PASS
14	Protection of cords and wires	PASS
15	Components	PASS* ¹
16	Screws and connections	PASS
17	Clearances and creepage distances	PASS
18	Resistance to heat and fire	PASS
19 ⁿ	Radiation and similar hazards	NP

- Note:**
1. NA = Not Applicable.
 2. NP = Not Perform.
 3. NR = Not Required.
 4. "*" = Per client's requirement, the packaging was not evaluated.
 5. "*1" = Only 15.2 has been assessed in clause 15. No certificate of compliance was provided by the applicant. Applicant needs to ensure that other components comply with the safety requirements as specified in the relevant standards and meet the



Test Report

Report No.: CTT2409010322EN

Page 12 of 36

national deviation requirement of the importing countries.

6. “*2”= Per client’s requirement, the section 8 was not evaluated.

Test Results:

Clause 9 Heating and abnormal operation

9.2 The unit was placed on the floor of the test corner during normal operation.

9.3 The unit was operated by 1 x PB (at 6.0 V) until steady conditions were established.

The maximum temperature rises were recorded as follows:

Ambient temperature (°C): 22.8		
Location	Temperature Rise (K)	Limited (K)
Battery surface	17.5	45
Enclosure(Battery)	6.2	50
Enclosure(Motor)	5.8	50
Button surface	1.3	50

9.6 The test of 9.3 is repeated with accessible moving parts locked.

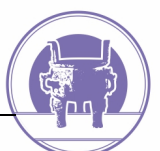
The maximum temperature rises were recorded as follows:

Ambient temperature (°C):22.8		
Location	Temperature Rise (K)	Limited (K)
Battery surface	2.4	45
Enclosure(Battery)	0.9	50
Enclosure(Motor)	0.8	50
Button surface	0.4	50

9.9 This clause was not applicable since its electronic circuit was a low power circuit. Also the protection against fire hazard or dangerous malfunction in other parts of the toy did not rely on the correct function of the electronic circuit.

Clause 15 Components

15.2 The sample tested was not fitted with a mercury switch and thermal cut-out which could be reset by a soldering operation.



Test Report

Report No.: CTT2409010322EN

Page 13 of 36

Test Result(s):

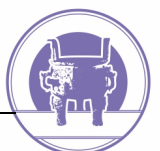
Total Lead (Pb) in accessible substrate materials - US Public Law 110-314 [Consumer Product Safety Improvement Act of 2008(CPSIA) Sec. 101]

Method: CPSC-CH-E1002-08.3, analyzed by Atomic Absorption Spectrometer (AAS) .

Substances	Lead (Pb)	Conclusion
CAS No.	7439-92-1	
LOQ (mg/kg)	10	
Limit (mg/kg)	100	
Material No.	Result (mg/kg)	
1+2+3	N.D.	PASS
4+5	N.D.	PASS
6+7	N.D.	PASS

NOTE:

1. mg/kg = milligram per kilogram (ppm).
2. N.D. = Not Detected (Less than LOQ, LOQ = Limit of Quantitation).
3. "+" = The "+" in the test sample description indicates a mixed test. The test results are the overall results of the mixed materials. The individual result of one or more materials in the mixed material may be greater than the mixed test result. Conclusion of compliance also applies to the individual materials in a mixed test only if multiplying the LOQ (Limit of Quantitation) and the number of mixed materials is less than the limit.



Test Report

Report No.: CTT2409010322EN

Page 14 of 36

Test Result(s):

Total Lead (Pb) in accessible substrate materials- US Public Law 110-314 [Consumer Product Safety Improvement Act of 2008(CPSIA) Sec. 101]

Method: CPSC-CH-E1001-08.3, analyzed by Atomic Absorption Spectrometer (AAS) .

Substances	Lead (Pb)	Conclusion
CAS No.	7439-92-1	
LOQ (mg/kg)	10	
Limit (mg/kg)	100	
Material No.	Result (mg/kg)	
10+11+12	N.D.	PASS
13+14	N.D.	PASS
15+8	N.D.	PASS

NOTE:

1. mg/kg = milligram per kilogram (ppm).
2. N.D. = Not Detected (Less than LOQ, LOQ = Limit of Quantitation).
3. "+" = The "+" in the test sample description indicates a mixed test. The test results are the overall results of the mixed materials. The individual result of one or more materials in the mixed material may be greater than the mixed test result. Conclusion of compliance also applies to the individual materials in a mixed test only if multiplying the LOQ (Limit of Quantitation) and the number of mixed materials is less than the limit.

Test Result(s):

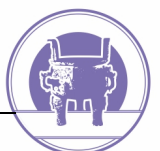
Total Lead (Pb) in paint or surface coating - US Public Law 110-314 [Consumer Product Safety Improvement Act of 2008(CPSIA) Sec. 101]

Method: CPSC-CH-E1003-09.1, analyzed by Atomic Absorption Spectrometer (AAS) .

Substances	Lead (Pb)	Conclusion
CAS No.	7439-92-1	
LOQ (mg/kg)	10	
Limit (mg/kg)	90	
Material No.	Result (mg/kg)	
9	N.D.	PASS

NOTE:

1. mg/kg = milligram per kilogram (ppm).
2. N.D. = Not Detected (Less than LOQ, LOQ = Limit of Quantitation).



Test Report

Report No.: CTT2409010322EN

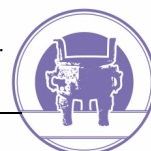
Page 15 of 36

Test Result(s):

Phthalates - US Public Law 110-314 [Consumer Product Safety Improvement Act of 2008(CPSIA) Sec. 108] and CPSC 16 CFR 1307

Method: CPSC-CH-C1001-09.4 (2018), analyzed by Gas Chromatography-Mass Spectrometer (GC-MS) .

No.	Substances Name	CAS No.	Limit (mg/kg)	LOQ (mg/kg)	Result (mg/kg)	
					1+2+3	4+5
1	Di-butyl phthalate (DBP)	84-74-2	1000	50	N.D.	N.D.
2	Butyl benzyl phthalate (BBP)	85-68-7	1000	50	N.D.	N.D.
3	Bis(2-ethylhexyl) phthalate (DEHP)	117-81-7	1000	50	N.D.	N.D.
4	Diisononyl phthalate (DINP)	28553-12-0/ 68515-48-0	1000	100	N.D.	N.D.
5	Phthalic acid, bis-hexyl ester (DNHP/DHEXP/DHP)	84-75-3	1000	50	N.D.	N.D.
6	Di-iso-butyl phthalate (DIBP)	84-69-5	1000	50	N.D.	N.D.
7	Phthalic acid, bis-n-pentyl ester (DPP/DPENP/DnPP)	131-18-0	1000	50	N.D.	N.D.
8	Di-cyclohexyl phthalate (DCHP)	84-61-7	1000	50	N.D.	N.D.
Conclusion					PASS	PASS



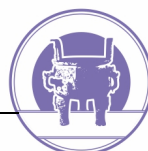
Test Report

Report No.: CTT2409010322EN

Page 16 of 36

No.	Substances Name	CAS No.	Limit (mg/kg)	LOQ (mg/kg)	Result (mg/kg)	
					6+7	9
1	Di-butyl phthalate (DBP)	84-74-2	1000	50	N.D.	N.D.
2	Butyl benzyl phthalate (BBP)	85-68-7	1000	50	N.D.	N.D.
3	Bis(2-ethylhexyl) phthalate (DEHP)	117-81-7	1000	50	N.D.	N.D.
4	Diisononyl phthalate (DINP)	28553-12-0/ 68515-48-0	1000	100	N.D.	N.D.
5	Phthalic acid, bis-hexyl ester (DNHP/DHEXP/DHP)	84-75-3	1000	50	N.D.	N.D.
6	Di-iso-butyl phthalate (DIBP)	84-69-5	1000	50	N.D.	N.D.
7	Phthalic acid, bis-n-pentyl ester (DPP/DPENP/DnPP)	131-18-0	1000	50	N.D.	N.D.
8	Di-cyclohexyl phthalate (DCHP)	84-61-7	1000	50	N.D.	N.D.
Conclusion					PASS	PASS

- NOTE:**
1. mg/kg = milligram per kilogram (ppm).
 2. N.D. = Not Detected (Less than LOQ, LOQ = Limit of Quantitation).
 3. Children's toys and child care articles shall not more than 1000mg/kg of DBP, BBP, DEHP, DINP, DIBP, DCHP, DPENP and DNHP (DHEXP)
 - Children's toys defined as 12 years and under.
 - Child care articles to facilitate sleep or feeding of children 3 years and under, or to help children with sucking and teething.
 4. Polypropylene (PP), polyethylene (PE), acrylonitrile butadiene styrene (ABS), general purpose polystyrene (GPPS), medium-impact polystyrene (MIPS), high-impact polystyrene (HIPS), and super high-impact polystyrene (SHIPS), and their additives as listed in 16 CFR 1308 are exempt from testing. If material identification is not provided, phthalate testing will be conducted on all plastic materials.
 5. "+" = The "+" in the test sample description indicates a mixed test. The test results are the overall results of the mixed materials. The individual result of one or more materials in the mixed material may be greater than the mixed test result. Conclusion of compliance also applies to the individual materials in a mixed test only if multiplying the LOQ (Limit of Quantitation) and the number of mixed materials is less than the limit.



Test Report

Report No.: CTT2409010322EN

Page 17 of 36

Test Result(s):

Total Lead (Pb) in paint or surface coating - CPSC 16 CFR 1303

Substances	Lead (Pb)	Conclusion
CAS No.	7439-92-1	
LOQ (mg/kg)	10	
Limit (mg/kg)	90	
Material No.	Result (mg/kg)	
9D	N.D.	PASS

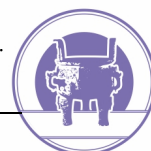
- NOTE:**
1. mg/kg = milligram per kilogram (ppm).
 2. N.D. = Not Detected (Less than LOQ, LOQ = Limit of Quantitation).
 3. "D" = The sample(s) is(are) tested according to the method CPSC-CH-E1003-09.1.

Test Result(s):

Lead - California Proposition 65, Alameda Superior Court, Case No. RG-07-356892

Substances	Lead (Pb)	Conclusion
CAS No.	7439-92-1	
LOQ (mg/kg)	10	
Limit (mg/kg)	100	
Material No.	Result (mg/kg)	
(10+11+12)D	N.D.	PASS
(13+14)D	N.D.	PASS
(15+8)D	N.D.	PASS

- NOTE:**
1. mg/kg = milligram per kilogram (ppm).
 2. N.D. = Not Detected (Less than LOQ, LOQ = Limit of Quantitation).
 3. "+" = The "+" in the test sample description indicates a mixed test. The test results are the overall results of the mixed materials. The individual result of one or more materials in the mixed material may be greater than the mixed test result. Conclusion of compliance also applies to the individual materials in a mixed test only if multiplying the LOQ (Limit of Quantitation) and the number of mixed materials is less than the limit.
 4. "D" = The sample(s) is(are) tested according to the method CPSC-CH-E1001-08.3.



Test Report

Report No.: CTT2409010322EN

Page 18 of 36

Test Result(s):

Lead - California Proposition 65, Alameda Superior Court, Case No. RG-07-356892

Substances	Lead (Pb)	Conclusion
CAS No.	7439-92-1	
LOQ (mg/kg)	10	
Limit (mg/kg)	90	
Material No.	Result (mg/kg)	
9D	N.D.	PASS

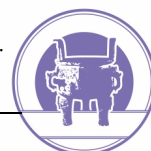
- NOTE:**
1. mg/kg = milligram per kilogram (ppm).
 2. N.D. = Not Detected (Less than LOQ, LOQ = Limit of Quantitation).
 3. "D" = The sample(s) is(are) tested according to the method CPSC-CH-E1003-09.1.

Test Result(s):

Lead - California Proposition 65, Alameda Superior Court, Case No. RG-07-356892

Substances	Lead (Pb)	Conclusion
CAS No.	7439-92-1	
LOQ (mg/kg)	10	
Limit (mg/kg)	100	
Material No.	Result (mg/kg)	
(1+2+3)D	N.D.	PASS
(4+5)D	N.D.	PASS
(6+7)D	N.D.	PASS

- NOTE:**
1. mg/kg = milligram per kilogram (ppm).
 2. N.D. = Not Detected (Less than LOQ, LOQ = Limit of Quantitation).
 3. "+" = The "+" in the test sample description indicates a mixed test. The test results are the overall results of the mixed materials. The individual result of one or more materials in the mixed material may be greater than the mixed test result. Conclusion of compliance also applies to the individual materials in a mixed test only if multiplying the LOQ (Limit of Quantitation) and the number of mixed materials is less than the limit.
 4. "D" = The sample(s) is(are) tested according to the method CPSC-CH-E1002-08.3.



Test Report

Report No.: CTT2409010322EN

Page 19 of 36

Test Result(s):

Phthalates - California Proposition 65, Alameda Superior Court, Case No. BG07350969

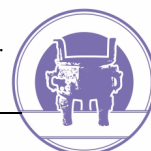
Method: CPSC-CH-C1001-09.4 (2018), analyzed by Gas Chromatography-Mass Spectrometer (GC-MS) .

No.	Substances Name	CAS No.	Limit (mg/kg)	LOQ (mg/kg)	Result (mg/kg)	
					1+2+3	4+5
1	Di-butyl phthalate (DBP)	84-74-2	1000	50	N.D.	N.D.
2	Butyl benzyl phthalate (BBP)	85-68-7	1000	50	N.D.	N.D.
3	Bis(2-ethylhexyl) phthalate (DEHP)	117-81-7	1000	50	N.D.	N.D.
4	Diisodecyl phthalate (DIDP)	26761-40-0/ 68515-49-1	1000	100	N.D.	N.D.
5	Phthalic acid, bis-hexyl ester (DNHP/DHEXP/DHP)	84-75-3	1000	50	N.D.	N.D.
Conclusion					PASS	PASS

No.	Substances Name	CAS No.	Limit (mg/kg)	LOQ (mg/kg)	Result (mg/kg)	
					6+7	9
1	Di-butyl phthalate (DBP)	84-74-2	1000	50	N.D.	N.D.
2	Butyl benzyl phthalate (BBP)	85-68-7	1000	50	N.D.	N.D.
3	Bis(2-ethylhexyl) phthalate (DEHP)	117-81-7	1000	50	N.D.	N.D.
4	Diisodecyl phthalate (DIDP)	26761-40-0/ 68515-49-1	1000	100	N.D.	N.D.
5	Phthalic acid, bis-hexyl ester (DNHP/DHEXP/DHP)	84-75-3	1000	50	N.D.	N.D.
Conclusion					PASS	PASS

NOTE:

1. mg/kg = milligram per kilogram (ppm).
2. N.D. = Not Detected (Less than LOQ, LOQ = Limit of Quantitation).
3. "+" = The "+" in the test sample description indicates a mixed test. The test results are the overall results of the mixed materials. The individual result of one or more materials in the mixed material may be greater than the mixed test result. Conclusion of compliance also applies to the individual materials in a mixed test only if multiplying the LOQ (Limit of Quantitation) and the number of mixed materials is less than the limit.



Test Report

Report No.: CTT2409010322EN

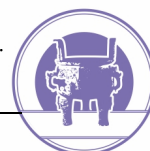
Page 20 of 36

Test Result(s):

Phthalates - California AB1108 and California Proposition 65, Sacramento Superior Court, Case No. BG07350969

Method: CPSC-CH-C1001-09.4 (2018), analyzed by Gas Chromatography-Mass Spectrometer (GC-MS) .

No.	Substances Name	CAS No.	Limit (mg/kg)	LOQ (mg/kg)	Result (mg/kg)	
					1+2+3	4+5
1	Di-butyl phthalate (DBP)	84-74-2	1000	50	N.D.	N.D.
2	Butyl benzyl phthalate (BBP)	85-68-7	1000	50	N.D.	N.D.
3	Bis(2-ethylhexyl) phthalate (DEHP)	117-81-7	1000	50	N.D.	N.D.
4	Phthalic acid, bis-n-octyl ester (DNOP)	117-84-0	1000	50	N.D.	N.D.
5	Diisononyl phthalate (DINP)	28553-12-0/ 68515-48-0	1000	100	N.D.	N.D.
6	Diisodecyl phthalate (DIDP)	26761-40-0/ 68515-49-1	1000	100	N.D.	N.D.
7	Phthalic acid, bis-hexyl ester (DNHP/DHEXP/DHP)	84-75-3	1000	50	N.D.	N.D.
Conclusion					PASS	PASS



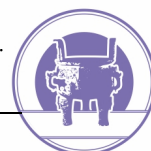
Test Report

Report No.: CTT2409010322EN

Page 21 of 36

No.	Substances Name	CAS No.	Limit (mg/kg)	LOQ (mg/kg)	Result (mg/kg)	
					6+7	9
1	Di-butyl phthalate (DBP)	84-74-2	1000	50	N.D.	N.D.
2	Butyl benzyl phthalate (BBP)	85-68-7	1000	50	N.D.	N.D.
3	Bis(2-ethylhexyl) phthalate (DEHP)	117-81-7	1000	50	N.D.	N.D.
4	Phthalic acid, bis-n-octyl ester (DNOP)	117-84-0	1000	50	N.D.	N.D.
5	Diisononyl phthalate (DINP)	28553-12-0/ 68515-48-0	1000	100	N.D.	N.D.
6	Diisodecyl phthalate (DIDP)	26761-40-0/ 68515-49-1	1000	100	N.D.	N.D.
7	Phthalic acid, bis-hexyl ester (DNHP/DHEXP/DHP)	84-75-3	1000	50	N.D.	N.D.
Conclusion					PASS	PASS

- NOTE:**
1. mg/kg = milligram per kilogram (ppm).
 2. N.D. = Not Detected (Less than LOQ, LOQ = Limit of Quantitation).
 3. "+" = The "+" in the test sample description indicates a mixed test. The test results are the overall results of the mixed materials. The individual result of one or more materials in the mixed material may be greater than the mixed test result. Conclusion of compliance also applies to the individual materials in a mixed test only if multiplying the LOQ (Limit of Quantitation) and the number of mixed materials is less than the limit.



Test Report

Report No.: CTT2409010322EN

Page 22 of 36

Test Result(s):

Migration of certain elements - EN 71-3:2019+A1: 2021(Category III)

Method: EN 71-3:2019+A1:2021, analyzed by Inductively coupled plasma mass spectrometry (ICP-MS) or Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES) .

No.	Substances Name	CAS No.	Limit (mg/kg)	LOQ (mg/kg)	Result (mg/kg)	
					1	2
1	Soluble Aluminum (Al)	7429-90-5	28130	5	N.D.	N.D.
2	Soluble Antimony (Sb)	7440-36-0	560	5	N.D.	N.D.
3	Soluble Arsenic (As)	7440-38-2	47	2.5	N.D.	N.D.
4	Soluble Barium (Ba)	7440-39-3	18750	5	N.D.	N.D.
5	Soluble Boron (B)	7440-42-8	15000	5	N.D.	N.D.
6	Soluble Cadmium (Cd)	7440-43-9	17	5	N.D.	N.D.
7	Soluble CrIII "	--	460	2.0	N.D.	N.D.
8	Soluble CrVI	18540-29-9	0.053	0.025	N.D.	N.D.
9	Soluble Cobalt (Co)	7440-48-4	130	5	N.D.	N.D.
10	Soluble Copper (Cu)	7440-50-8	7700	5	N.D.	N.D.
11	Soluble Lead (Pb)	7439-92-1	23	5	N.D.	N.D.
12	Soluble Manganese (Mn)	7439-96-5	15000	5	N.D.	N.D.
13	Soluble Mercury (Hg)	7439-97-6	94	5	N.D.	N.D.
14	Soluble Nickel (Ni)	7440-02-0	930	5	N.D.	N.D.
15	Soluble Selenium (Se)	7782-49-2	460	5	N.D.	N.D.
16	Soluble Strontium (Sr)	7440-24-6	56000	5	N.D.	N.D.
17	Soluble Tin (Sn)	7440-31-5	180000	2.5	N.D.	N.D.
18	Soluble Organic tin	--	12	2.5	N.D.	N.D.
19	Soluble Zinc (Zn)	7440-66-6	46000	5	N.D.	N.D.
Conclusion					PASS	PASS

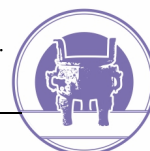


Test Report

Report No.: CTT2409010322EN

Page 23 of 36

No.	Substances Name	CAS No.	Limit (mg/kg)	LOQ (mg/kg)	Result (mg/kg)	
					3	4
1	Soluble Aluminum (Al)	7429-90-5	28130	5	N.D.	N.D.
2	Soluble Antimony (Sb)	7440-36-0	560	5	N.D.	N.D.
3	Soluble Arsenic (As)	7440-38-2	47	2.5	N.D.	N.D.
4	Soluble Barium (Ba)	7440-39-3	18750	5	N.D.	N.D.
5	Soluble Boron (B)	7440-42-8	15000	5	N.D.	N.D.
6	Soluble Cadmium (Cd)	7440-43-9	17	5	N.D.	N.D.
7	Soluble CrIII ⁿ	--	460	2.0	N.D.	N.D.
8	Soluble CrVI	18540-29-9	0.053	0.025	N.D.	N.D.
9	Soluble Cobalt (Co)	7440-48-4	130	5	N.D.	N.D.
10	Soluble Copper (Cu)	7440-50-8	7700	5	N.D.	N.D.
11	Soluble Lead (Pb)	7439-92-1	23	5	N.D.	N.D.
12	Soluble Manganese (Mn)	7439-96-5	15000	5	N.D.	N.D.
13	Soluble Mercury (Hg)	7439-97-6	94	5	N.D.	N.D.
14	Soluble Nickel (Ni)	7440-02-0	930	5	N.D.	N.D.
15	Soluble Selenium (Se)	7782-49-2	460	5	N.D.	N.D.
16	Soluble Strontium (Sr)	7440-24-6	56000	5	N.D.	N.D.
17	Soluble Tin (Sn)	7440-31-5	180000	2.5	N.D.	N.D.
18	Soluble Organic tin	--	12	2.5	N.D.	N.D.
19	Soluble Zinc (Zn)	7440-66-6	46000	5	N.D.	N.D.
Conclusion					PASS	PASS

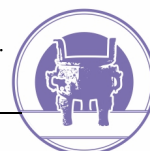


Test Report

Report No.: CTT2409010322EN

Page 24 of 36

No.	Substances Name	CAS No.	Limit (mg/kg)	LOQ (mg/kg)	Result (mg/kg)	
					5	6
1	Soluble Aluminum (Al)	7429-90-5	28130	5	18	15
2	Soluble Antimony (Sb)	7440-36-0	560	5	N.D.	N.D.
3	Soluble Arsenic (As)	7440-38-2	47	2.5	N.D.	N.D.
4	Soluble Barium (Ba)	7440-39-3	18750	5	N.D.	N.D.
5	Soluble Boron (B)	7440-42-8	15000	5	N.D.	N.D.
6	Soluble Cadmium (Cd)	7440-43-9	17	5	N.D.	N.D.
7	Soluble CrIII ⁿ	--	460	2.0	N.D.	N.D.
8	Soluble CrVI	18540-29-9	0.053	0.025	N.D.	N.D.
9	Soluble Cobalt (Co)	7440-48-4	130	5	N.D.	N.D.
10	Soluble Copper (Cu)	7440-50-8	7700	5	N.D.	N.D.
11	Soluble Lead (Pb)	7439-92-1	23	5	N.D.	N.D.
12	Soluble Manganese (Mn)	7439-96-5	15000	5	N.D.	N.D.
13	Soluble Mercury (Hg)	7439-97-6	94	5	N.D.	N.D.
14	Soluble Nickel (Ni)	7440-02-0	930	5	N.D.	N.D.
15	Soluble Selenium (Se)	7782-49-2	460	5	N.D.	N.D.
16	Soluble Strontium (Sr)	7440-24-6	56000	5	N.D.	N.D.
17	Soluble Tin (Sn)	7440-31-5	180000	2.5	N.D.	N.D.
18	Soluble Organic tin	--	12	2.5	N.D.	N.D.
19	Soluble Zinc (Zn)	7440-66-6	46000	5	N.D.	N.D.
Conclusion					PASS	PASS



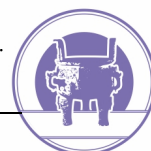
Test Report

Report No.: CTT2409010322EN

Page 25 of 36

No.	Substances Name	CAS No.	Limit (mg/kg)	LOQ (mg/kg)	Result (mg/kg)	
					7	9
1	Soluble Aluminum (Al)	7429-90-5	28130	5	N.D.	N.D.
2	Soluble Antimony (Sb)	7440-36-0	560	5	N.D.	N.D.
3	Soluble Arsenic (As)	7440-38-2	47	2.5	N.D.	N.D.
4	Soluble Barium (Ba)	7440-39-3	18750	5	N.D.	N.D.
5	Soluble Boron (B)	7440-42-8	15000	5	N.D.	N.D.
6	Soluble Cadmium (Cd)	7440-43-9	17	5	N.D.	N.D.
7	Soluble CrIII ⁿ	--	460	2.0	N.D.	N.D.
8	Soluble CrVI	18540-29-9	0.053	0.025	N.D.	N.D.
9	Soluble Cobalt (Co)	7440-48-4	130	5	N.D.	N.D.
10	Soluble Copper (Cu)	7440-50-8	7700	5	N.D.	N.D.
11	Soluble Lead (Pb)	7439-92-1	23	5	N.D.	N.D.
12	Soluble Manganese (Mn)	7439-96-5	15000	5	N.D.	N.D.
13	Soluble Mercury (Hg)	7439-97-6	94	5	N.D.	N.D.
14	Soluble Nickel (Ni)	7440-02-0	930	5	N.D.	N.D.
15	Soluble Selenium (Se)	7782-49-2	460	5	N.D.	N.D.
16	Soluble Strontium (Sr)	7440-24-6	56000	5	N.D.	N.D.
17	Soluble Tin (Sn)	7440-31-5	180000	2.5	N.D.	N.D.
18	Soluble Organic tin	--	12	2.5	N.D.	N.D.
19	Soluble Zinc (Zn)	7440-66-6	46000	5	N.D.	N.D.
Conclusion					PASS	PASS

- NOTE:**
1. mg/kg = milligram per kilogram (ppm).
 2. N.D. = Not Detected (Less than LOQ, LOQ = Limit of Quantitation).
 3. Migration of organic tin was calculated by summat ion of the migration values of Methyl tin, Dimethyl tin, Di-n-propyl tin, Butyl tin, Dibutyl tin, Tributyl tin, Tetrabutyl tin, n-Octyl tin, Di-n-octyl tin, Diphenyl tin, Triphenyl tin and was expressed as tributyltin cation content. however other organic tin compounds may also be present in the sample, The Toy Safety Directive (2009/48/EC) requirement covers total migratable organic tin.
 4. The soluble organic tin content were reported as the soluble tin content, the soluble organic tin was not conducted due to the soluble tin is not detected (<2.5mg/kg).
 5. Soluble chromium (VI) test method: EN 71-3:2019+A1:2021 Annex F, analyzed by Ion Chromatograph Ultraviolet spectroscopy (IC-UV).
 6. Soluble organic tin test method: EN 71-3:2019+A1:2021 Annex G, analyzed by Gas Chromatography - Mass Spectroscopy (GC-MS).
 7. "--" = Not Applicable.



Test Report

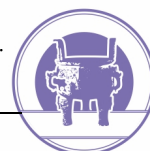
Report No.: CTT2409010322EN

Page 26 of 36

Test Result(s):

Phthalates - 16 CFR 1307 Prohibition of children's toys and child care articles containing specified phthalates.

No.	Substances Name	CAS No.	Limit (mg/kg)	LOQ (mg/kg)	Result (mg/kg)	
					(1+2+3)D	(4+5)D
1	Di-butyl phthalate (DBP)	84-74-2	1000	50	N.D.	N.D.
2	Butyl benzyl phthalate (BBP)	85-68-7	1000	50	N.D.	N.D.
3	Bis(2-ethylhexyl) phthalate (DEHP)	117-81-7	1000	50	N.D.	N.D.
4	Diisononyl phthalate (DINP)	28553-12-0/ 68515-48-0	1000	100	N.D.	N.D.
5	Phthalic acid, bis-hexyl ester (DNHP/DHEXP/DHP)	84-75-3	1000	50	N.D.	N.D.
6	Di-iso-butyl phthalate (DIBP)	84-69-5	1000	50	N.D.	N.D.
7	Phthalic acid, bis-n-pentyl ester (DPP/DPENP/DnPP)	131-18-0	1000	50	N.D.	N.D.
8	Di-cyclohexyl phthalate (DCHP)	84-61-7	1000	50	N.D.	N.D.
Conclusion					PASS	PASS



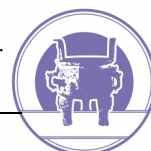
Test Report

Report No.: CTT2409010322EN

Page 27 of 36

No.	Substances Name	CAS No.	Limit (mg/kg)	LOQ (mg/kg)	Result (mg/kg)	
					(6+7)D	9D
1	Di-butyl phthalate (DBP)	84-74-2	1000	50	N.D.	N.D.
2	Butyl benzyl phthalate (BBP)	85-68-7	1000	50	N.D.	N.D.
3	Bis(2-ethylhexyl) phthalate (DEHP)	117-81-7	1000	50	N.D.	N.D.
4	Diisononyl phthalate (DINP)	28553-12-0/ 68515-48-0	1000	100	N.D.	N.D.
5	Phthalic acid, bis-hexyl ester (DNHP/DHEXP/DHP)	84-75-3	1000	50	N.D.	N.D.
6	Di-iso-butyl phthalate (DIBP)	84-69-5	1000	50	N.D.	N.D.
7	Phthalic acid, bis-n-pentyl ester (DPP/DPENP/DnPP)	131-18-0	1000	50	N.D.	N.D.
8	Di-cyclohexyl phthalate (DCHP)	84-61-7	1000	50	N.D.	N.D.
Conclusion					PASS	PASS

- NOTE:**
1. mg/kg = milligram per kilogram (ppm).
 2. N.D. = Not Detected (Less than LOQ, LOQ = Limit of Quantitation).
 3. "+" = The "+" in the test sample description indicates a mixed test. The test results are the overall results of the mixed materials. The individual result of one or more materials in the mixed material may be greater than the mixed test result. Conclusion of compliance also applies to the individual materials in a mixed test only if multiplying the LOQ (Limit of Quantitation) and the number of mixed materials is less than the limit.
 4. "D" = The sample(s) is(are) tested according to the method CPSC-CH-C1001-09.4 (2018).



Test Report

Report No.: CTT2409010322EN

Page 28 of 36

Test Result(s):

Total Lead - ASTM F963-23 Section 4.3.5.1 (Paint and Surface Coating)

Substances	Lead (Pb)	Conclusion
CAS No.	7439-92-1	
LOQ (mg/kg)	10	
Limit (mg/kg)	90	
Material No.	Result (mg/kg)	
9D	N.D.	PASS

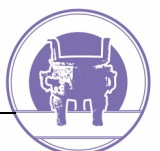
- NOTE:**
1. mg/kg = milligram per kilogram (ppm).
 2. N.D. = Not Detected (Less than LOQ, LOQ = Limit of Quantitation).
 3. "D" = The sample(s) is(are) tested according to the method CPSC-CH-E1003-09.1.

Test Result(s):

Total Lead - ASTM F963-23 Section 4.3.5.2 (Metallic Material)

Substances	Lead (Pb)	Conclusion
CAS No.	7439-92-1	
LOQ (mg/kg)	10	
Limit (mg/kg)	100	
Material No.	Result (mg/kg)	
(10+11+12)D	N.D.	PASS
(13+14)D	N.D.	PASS
(15+8)D	N.D.	PASS

- NOTE:**
1. mg/kg = milligram per kilogram (ppm).
 2. N.D. = Not Detected (Less than LOQ, LOQ = Limit of Quantitation).
 3. "+" = The "+" in the test sample description indicates a mixed test. The test results are the overall results of the mixed materials. The individual result of one or more materials in the mixed material may be greater than the mixed test result. Conclusion of compliance also applies to the individual materials in a mixed test only if multiplying the LOQ (Limit of Quantitation) and the number of mixed materials is less than the limit.
 4. "D" = The sample(s) is(are) tested according to the method CPSC-CH-E1001-08.3.



Test Report

Report No.: CTT2409010322EN

Page 29 of 36

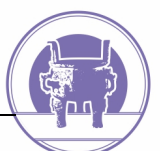
Test Result(s):

Total Lead - ASTM F963-23 Section 4.3.5.2 (Non-metallic Materials)

Substances	Lead (Pb)	Conclusion
CAS No.	7439-92-1	
LOQ (mg/kg)	10	
Limit (mg/kg)	100	
Material No.	Result (mg/kg)	
(1+2+3)D	N.D.	PASS
(4+5)D	N.D.	PASS
(6+7)D	N.D.	PASS

NOTE:

1. mg/kg = milligram per kilogram (ppm).
2. N.D. = Not Detected (Less than LOQ, LOQ = Limit of Quantitation).
3. "+" = The "+" in the test sample description indicates a mixed test. The test results are the overall results of the mixed materials. The individual result of one or more materials in the mixed material may be greater than the mixed test result. Conclusion of compliance also applies to the individual materials in a mixed test only if multiplying the LOQ (Limit of Quantitation) and the number of mixed materials is less than the limit.
4. "D" = The sample(s) is(are) tested according to the method CPSC-CH-E1002-08.3.



Test Report

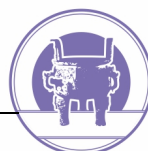
Report No.: CTT2409010322EN

Page 30 of 36

Test Result(s):

Phthalates - ASTM F963-23, Section 4.3.8

No.	Substances Name	CAS No.	Limit (mg/kg)	LOQ (mg/kg)	Result (mg/kg)	
					(1+2+3)D	(4+5)D
1	Di-butyl phthalate (DBP)	84-74-2	1000	50	N.D.	N.D.
2	Butyl benzyl phthalate (BBP)	85-68-7	1000	50	N.D.	N.D.
3	Bis(2-ethylhexyl) phthalate (DEHP)	117-81-7	1000	50	N.D.	N.D.
4	Diisononyl phthalate (DINP)	28553-12-0/ 68515-48-0	1000	100	N.D.	N.D.
5	Phthalic acid, bis-hexyl ester (DNHP/DHEXP/DHP)	84-75-3	1000	50	N.D.	N.D.
6	Di-iso-butyl phthalate (DIBP)	84-69-5	1000	50	N.D.	N.D.
7	Phthalic acid, bis-n-pentyl ester (DPP/DPENP/DnPP)	131-18-0	1000	50	N.D.	N.D.
8	Di-cyclohexyl phthalate (DCHP)	84-61-7	1000	50	N.D.	N.D.
Conclusion					PASS	PASS



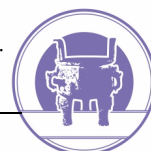
Test Report

Report No.: CTT2409010322EN

Page 31 of 36

No.	Substances Name	CAS No.	Limit (mg/kg)	LOQ (mg/kg)	Result (mg/kg)	
					(6+7)D	9D
1	Di-butyl phthalate (DBP)	84-74-2	1000	50	N.D.	N.D.
2	Butyl benzyl phthalate (BBP)	85-68-7	1000	50	N.D.	N.D.
3	Bis(2-ethylhexyl) phthalate (DEHP)	117-81-7	1000	50	N.D.	N.D.
4	Diisononyl phthalate (DINP)	28553-12-0/ 68515-48-0	1000	100	N.D.	N.D.
5	Phthalic acid, bis-hexyl ester (DNHP/DHEXP/DHP)	84-75-3	1000	50	N.D.	N.D.
6	Di-iso-butyl phthalate (DIBP)	84-69-5	1000	50	N.D.	N.D.
7	Phthalic acid, bis-n-pentyl ester (DPP/DPENP/DnPP)	131-18-0	1000	50	N.D.	N.D.
8	Di-cyclohexyl phthalate (DCHP)	84-61-7	1000	50	N.D.	N.D.
Conclusion					PASS	PASS

- NOTE:**
1. mg/kg = milligram per kilogram (ppm).
 2. N.D. = Not Detected (Less than LOQ, LOQ = Limit of Quantitation).
 3. "+" = The "+" in the test sample description indicates a mixed test. The test results are the overall results of the mixed materials. The individual result of one or more materials in the mixed material may be greater than the mixed test result. Conclusion of compliance also applies to the individual materials in a mixed test only if multiplying the LOQ (Limit of Quantitation) and the number of mixed materials is less than the limit.
 4. "D" = The sample(s) is(are) tested according to the method CPSC-CH-C1001-09.4 (2018).



Test Report

Report No.: CTT2409010322EN

Page 32 of 36

Test Result(s):

Soluble heavy metal elements - ASTM F963-23 Section 4.3.5.1 (Coating Materials)

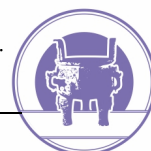
No.	Substances Name	CAS No.	Limit (mg/kg)	LOQ (mg/kg)	Result (mg/kg)
					9D
1	Soluble Antimony (Sb)	7440-36-0	60	5	N.D.
2	Soluble Arsenic (As)	7440-38-2	25	2.5	N.D.
3	Soluble Barium (Ba)	7440-39-3	1000	5	N.D.
4	Soluble Cadmium (Cd)	7440-43-9	75	5	N.D.
5	Soluble Chromium (Cr)	7440-47-3	60	5	N.D.
6	Soluble Lead (Pb)	7439-92-1	90	5	N.D.
7	Soluble Mercury (Hg)	7439-97-6	60	5	N.D.
8	Soluble Selenium (Se)	7782-49-2	500	5	N.D.
Conclusion					PASS

- NOTE:**
1. mg/kg = milligram per kilogram (ppm).
 2. N.D. = Not Detected (Less than LOQ, LOQ = Limit of Quantitation).
 3. "D" = The sample(s) is(are) tested according to the method EN 71-3:2019+A1:2021.

Test Result(s):

Soluble heavy metal elements - ASTM F963-23 Section 4.3.5.2 (Non-Modeling Clays)

No.	Substances Name	CAS No.	Limit (mg/kg)	LOQ (mg/kg)	Result (mg/kg)	
					1D	2D
1	Soluble Antimony (Sb)	7440-36-0	60	5	N.D.	N.D.
2	Soluble Arsenic (As)	7440-38-2	25	2.5	N.D.	N.D.
3	Soluble Barium (Ba)	7440-39-3	1000	5	N.D.	N.D.
4	Soluble Cadmium (Cd)	7440-43-9	75	5	N.D.	N.D.
5	Soluble Chromium (Cr)	7440-47-3	60	5	N.D.	N.D.
6	Soluble Lead (Pb)	7439-92-1	90	5	N.D.	N.D.
7	Soluble Mercury (Hg)	7439-97-6	60	5	N.D.	N.D.
8	Soluble Selenium (Se)	7782-49-2	500	5	N.D.	N.D.
Conclusion					PASS	PASS



Test Report

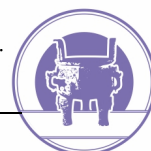
Report No.: CTT2409010322EN

Page 33 of 36

No.	Substances Name	CAS No.	Limit (mg/kg)	LOQ (mg/kg)	Result (mg/kg)	
					3D	4D
1	Soluble Antimony (Sb)	7440-36-0	60	5	N.D.	N.D.
2	Soluble Arsenic (As)	7440-38-2	25	2.5	N.D.	N.D.
3	Soluble Barium (Ba)	7440-39-3	1000	5	N.D.	N.D.
4	Soluble Cadmium (Cd)	7440-43-9	75	5	N.D.	N.D.
5	Soluble Chromium (Cr)	7440-47-3	60	5	N.D.	N.D.
6	Soluble Lead (Pb)	7439-92-1	90	5	N.D.	N.D.
7	Soluble Mercury (Hg)	7439-97-6	60	5	N.D.	N.D.
8	Soluble Selenium (Se)	7782-49-2	500	5	N.D.	N.D.
Conclusion					PASS	PASS

No.	Substances Name	CAS No.	Limit (mg/kg)	LOQ (mg/kg)	Result (mg/kg)	
					5D	6D
1	Soluble Antimony (Sb)	7440-36-0	60	5	N.D.	N.D.
2	Soluble Arsenic (As)	7440-38-2	25	2.5	N.D.	N.D.
3	Soluble Barium (Ba)	7440-39-3	1000	5	N.D.	N.D.
4	Soluble Cadmium (Cd)	7440-43-9	75	5	N.D.	N.D.
5	Soluble Chromium (Cr)	7440-47-3	60	5	N.D.	N.D.
6	Soluble Lead (Pb)	7439-92-1	90	5	N.D.	N.D.
7	Soluble Mercury (Hg)	7439-97-6	60	5	N.D.	N.D.
8	Soluble Selenium (Se)	7782-49-2	500	5	N.D.	N.D.
Conclusion					PASS	PASS

No.	Substances Name	CAS No.	Limit (mg/kg)	LOQ (mg/kg)	Result (mg/kg)
					7D
1	Soluble Antimony (Sb)	7440-36-0	60	5	N.D.
2	Soluble Arsenic (As)	7440-38-2	25	2.5	N.D.
3	Soluble Barium (Ba)	7440-39-3	1000	5	N.D.
4	Soluble Cadmium (Cd)	7440-43-9	75	5	N.D.
5	Soluble Chromium (Cr)	7440-47-3	60	5	N.D.
6	Soluble Lead (Pb)	7439-92-1	90	5	N.D.
7	Soluble Mercury (Hg)	7439-97-6	60	5	N.D.
8	Soluble Selenium (Se)	7782-49-2	500	5	N.D.
Conclusion					PASS



Test Report

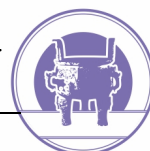
Report No.: CTT2409010322EN

Page 34 of 36

- NOTE:**
1. mg/kg = milligram per kilogram (ppm).
 2. N.D. = Not Detected (Less than LOQ, LOQ = Limit of Quantitation).
 3. "D" = The sample(s) is(are) tested according to the method EN 71-3:2019+A1:2021.

Test Material List

Material No.	Sample Description	Location	Remark
1	Black plastic	Handle/shell/seat/wheel/hub/pedal/chassis/motor shell/key substrate	/
2	Green plastic	Shell/tray/wheel	/
3	White plastic	Shell	/
4	Transparent plastic with multicolor printing with glue	Shell sticker/handle sticker	/
5	Transparent plastic with multicolor printing with glue	Logo sticker	/
6	Silvery plastic	Fixed piece	/
7	White plastic	Gearwheel shell	/
8	Silvery metal	Rivet substrate	Non-small part
9	Black paint	Wheel axle coating/chassis metal piece coating/rivet coating	/
10	Silvery metal	Wheel axle substrate	Non-small part
11	Silvery metal	Screw	Non-small part
12	Silvery metal	Spacer screw	Non-small part
13	Silvery metal	Screw spacer	Non-small part
14	Silvery metal	Iron wire	Non-small part
15	Silvery metal	Chassis metal piece substrate	Non-small part
16	Toy car	Individual	/



Test Report

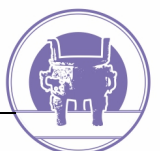
Report No.: CTT2409010322EN

Page 35 of 36

Photo of Sample:



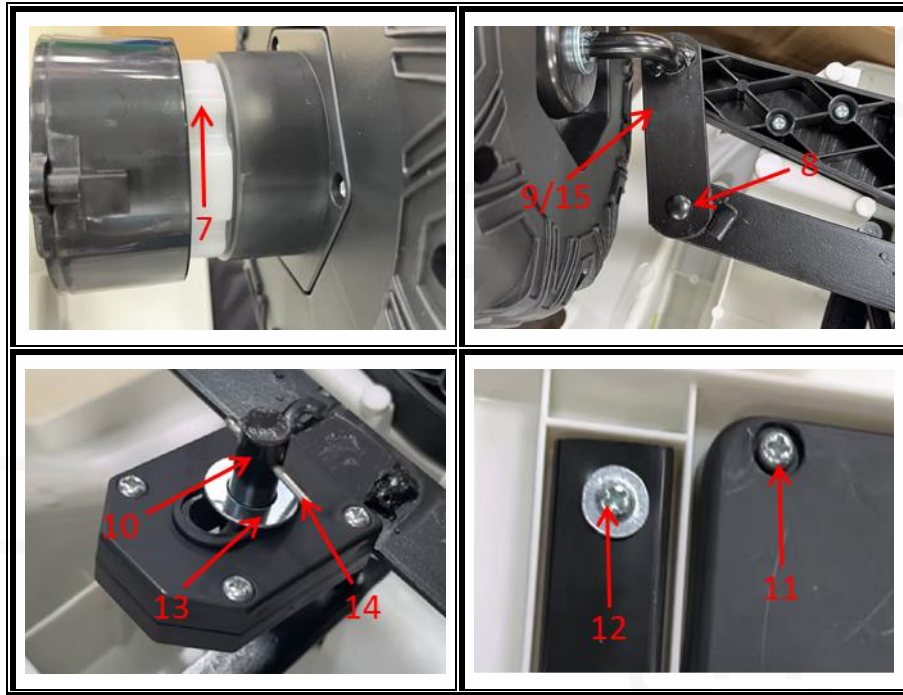
Location indication:



Test Report

Report No.: CTT2409010322EN

Page 36 of 36



*** End of Report ***

This test report is issued by the company subject to its General Conditions of Services and accessible at <http://www.cttlab.com/order/202103190908290166.pdf>. The sample and sample information are provided by the applicant, our company are not responsible for their integrity and authenticity. Unless otherwise stated the results shown in this report only apply to the sample as received. Any inquiry about this report, please raise from the date of receipt of the report within 30 days, overdue will not be accept. Without prior written permission of the company, this test report cannot be reproduced, except in full. Items marked with "n" means they are not accredited by CNAS (if with CNAS logo), "s" means the item of subcontractor. This report is only used for scientific research, teaching, internal quality control, not for domestic social impartiality proof data.

