

**Test Report**

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Applicant: Shantou Chenghai District Xinhongyang Electronic Factory  
6/F, No.14, Longtian Anqing Road, Guangyi Street, Chenghai District, Shantou City,  
Guangdong Province, China

Date: Mar.04, 2024

**Sample Description:**

One(1) group of submitted sample said to be :

Item Name : remote control car  
Item No. : JJ01,JJ02,JJ03,JJ04,JJ05,JJ06,JJ07,JJ08,JJ09,JJ10,JJ011,JJ012,JJ013,  
JJ014,JJ015,JJ016,JJ017,JJ018,JJ019,JJ020,JK01,JK02,JK03,JK04,JK05,  
JK06,JK07,JK08,JK09,JK10,JK011,JK012,JK013,JK014,JK015,JK016,JK017,  
JK018,JK019,JK020,JC01,JC02,JC03,JC04,JC05,JC06,JC07,JC08,JC09,  
JC10,JF01,JF02,JF03,JF4,JF05,JF06,JF07,JF08,JF09,JF10,JF011,JF012,  
JF013,JF014,JF015,JF016,JF017,JF018,JF019,JF020,JF021,JF022,JF023,  
JF024,JF025,JF026,JF027,JF028,JF029,JF030,3301,3302,3303,3304,3305,  
3306,3307,3308,3309,3310,3311,3312,3313,3314,3315,3316,JC011,JC012,  
JC013,JC014,JC015,JC016,JC017,JC018,JC019,JC020,JC021,JC022,JC023,  
JC024,JC025,JC026,JC027,JC028,JC029,JC030  
Manufacturer : Shantou Chenghai District Xinhongyang Electronic Factory  
Brand : /  
ASIN(s) : /  
Country of Origin : China  
Destination : US  
Labeled Age Grade : 3+  
Age Grade Applied In Testing : 3 years of age and over  
\*\*\*\*\*

**Tests Conducted:**

Date Sample Received : Feb.26, 2024  
Date(s) of Tests : Feb.26, 2024 ~ Mar.04, 2024  
Place of Tests : No. 389 Tech Road, Cixi County, Ningbo City, China

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

	<u>Standard</u>	<u>Result</u>
1.	16 CFR 1250/ASTM F963-17 Standard Consumer Safety Specification for Toy Safety	PASS
2.	16 CFR 1500.50 Physical & Mechanical Tests(16 CFR 1500.48 & 16 CFR 1500.49 & 16 CFR 1501)	PASS
3.	16 CFR 1500.3(c)(6)(vi) Flammability Test	PASS
4.	U.S. Consumer Product Safety Improvement Act 2008 Title I, Section 103 For Tracking Labels	PASS
5.	U.S. Code of Federal Regulations Title 16 Part 1303 For Total Lead Content in Surface Coating	NA
6.	U.S. Consumer Product Safety Improvement Act 2008 Title I, Section 101 For Total Lead Content in Surface Coating	NA
7.	U.S. Consumer Product Safety Improvement Act 2008 Title I, Section 101 For Total Lead Content in Non-Surface Coating Materials (Substrate)	PASS
8.	US Consumer Product Safety Improvement Act 2008 Title I, Sec 108 and US 16 CFR Part 1307 for Prohibition of Children's Toys and Child Care Articles Containing Specified Phthalates	PASS
9.	California Proposition 65 Total Lead Content	PASS
10.	California Proposition 65 Phthalates Content	PASS

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Remarks: According to the requirements of the client : Migration of certain elements and Total Lead and Phthalates were tested of six materials.

Signed for and on behalf of

Ningbo Customs District Technology Center



Zhenguo Han

Lab Manager



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**Components List:**

<u>Material No.</u>	<u>Material</u>	<u>Color</u>	<u>Location</u>	<u>Material No.</u>	<u>Material</u>	<u>Color</u>	<u>Location</u>
1	Plastic	Red	Car	2	Plastic	Black	Car
3	Plastic	Gray	Car	4	Plastic	Purple	Car
5	Plastic	Blue	Car	6	Soft plastic	Black	Tire



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**Photos of Sample:**



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**1. 16 CFR 1250/ASTM F963-17 Standard Consumer Safety Specification for Toy Safety**

Applicant's Specified Age Group for Testing: For 3 years of age and over.

Clause	Testing Items	Assessment
4	Safety Requirements	
4.1	Material Quality	P
4.2	Flammability	P (See detail of test result)
4.3	Toxicology	
	4.3.3 Indirect Food Additives	NA
	4.3.5.1 Heavy Elements in Paint/Similar Surface Coating Materials	NA
	4.3.5.2 Heavy Metal in Substrate Materials	P (See detail of test result)
4.4	Electrical/Thermal Energy	NA
4.5	Sound Producing toys	P
4.6	Small Objects	
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 that are intended for children over 36 months but less than 72 months	P
4.7	Accessible Edges	P
4.8	Projections	P
4.9	Accessible Points	P
4.10	Wires or Rods	NA
4.11	Nails and Fasteners	P
4.12	Plastic Film	NA
4.13	Folding Mechanisms and Hinges	NA
4.14	Cords, Straps, and Elastics	NA
4.15	Stability and Over-Load Requirements	NA
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	
4.25.1	Battery marking	P
4.25.2	Maximum allowable direct current potential	P
4.25.3	Protection against charging non-rechargeable battery	P
4.25.4	Accessible batteries	P
4.25.5	Accessible batteries that can fit completely within small part cylinder	P

Test results are only responsible for delivered samples. This test report is issued by technology center and is intended for your exclusive use. This report includes all the testes required by you and test result thereof based upon the information that you provided. You have 30 days from data of issuance of this test report to notify us of any error or omission caused by our negligence. A failure to raise such issue within the prescribed time shall constitute your unqualified acceptance of the competences of this report, the tests conducted and the correctness of the report contents.

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Clause	Testing Items	Assessment
4.25.6	Isolation of batteries of different types or capacities	P
4.25.7	Temperature of battery surface	P
4.25.8	Temperature of battery surface or combustion hazard after normal use and abuse test	P
4.25.9	Packaging and Instruction requirement	P
4.25.10	Battery-powered ride-on toys	NA
4.25.11	Toys that contain secondary cells or secondary batteries	P
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	P
4.41	Toy Chests	NA
5	Labeling Requirements	P
6	Instructional Literature	P
7	Producer's Markings	P

Note:

P = Pass

NA = Not Applicable

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**2. Physical & Mechanical Tests: 16 CFR 1500.50 (16 CFR 1500.48 & 16 CFR 1500.49 & 16 CFR 1501 Tests)**

<u>Evaluation Stage</u>	<u>16 CFR 1500.48 sharp point in toys and other articles intended for use by children under 8 years of age.</u>	<u>16 CFR 1500.49 sharp metal or glass edge in toys and other articles intended for use by children under 8 years of age.</u>	<u>16 CFR 1501 toys and other articles intended for use by children under 3 years of age which present choking, aspiration, or ingestion hazards because of small parts</u>
As Received	P	P	NA
Impact Test	P	P	NA
Bite Test	NA	NA	NA
Flexure Test	NA	NA	NA
Torque Test	P	P	NA
Tension Test	P	P	NA
Compression Test	P	P	NA

Note:

P = Pass

NA = Not Applicable

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**3. 16 CFR 1500.3(c)(6)(vi) Flammability Test**

Flammability Test on Solid (Sec.1500.44):

Sample	Burning Rate(inch/sec)	Limit(inch/sec)
remote control car	Ignite but self-extinguished	0.1

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**4. U.S. Consumer Product Safety Improvement Act 2008 Title I, Section 103 For Tracking Labels**

As per Consumer Product Safety Improvement Act (CPSIA) 2008 Section 103 Tracking Labels for Children Products.

Tracking Label Found on the Packaging:

Shantou Chenghai District Xinhongyang Electronic Factory

6/F, No.14, Longtian Anqing Road, Guangyi Street, Chenghai District, Shantou City, Guangdong Province, China

20240125

20240125

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

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**5. Total Lead (Pb) Content In Surface Coating Materials**

No surface coatings.

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

As per standard operating procedures for determining total Lead (Pb) in children's products, test method(s) CPSC-CH-E1002-08.3 and/or CPSC-CH-E1001-08.3 was/were used and total Lead content was determined by Inductively Coupled Argon Plasma Spectrometry.

Test sample/Components	Result (mg/kg)	Reporting Limit(mg/kg)	Limit (mg/kg)
(1)	ND	20	100
(2)	ND	20	100
(3)	ND	20	100
(4)	ND	20	100
(5)	ND	20	100
(6)	ND	20	100

The limit was quoted according to U.S. Consumer Product Safety Improvement Act 2008 title I, section 101 and ASTM F963 4.3.5.2 and California Proposition 65 for total Lead content in non-surface coating materials (substrate).

Remark: mg/kg = Milligram per kilogram = ppm ND = Not Detected

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

**7. Migration of Certain Elements**

With reference to ASTM F963-17 Clause 8.3, by Inductively Coupled Argon Plasma Spectrometry analysis.

Test sample/Components	Test items and result(mg/kg)							
	Sb	Ba	Cd	Cr	Pb	As	Hg	Se
(1)	ND	ND	ND	ND	ND	ND	ND	ND
(2)	ND	ND	ND	ND	ND	ND	ND	ND
(3)	ND	ND	ND	ND	ND	ND	ND	ND
(4)	ND	ND	ND	ND	ND	ND	ND	ND
(5)	ND	ND	ND	ND	ND	ND	ND	ND
(6)	ND	ND	ND	ND	ND	ND	ND	ND
Reporting Limit	5	5	5	5	5	2.5	5	5
Limit	60	1000	75	60	90	25	60	500

The limit was quoted according to ASTM F963-17 for Migration of Certain Elements in children's products

Remark: mg/kg = Milligram per kilogram = ppm ND = Not Detected

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

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**8. Phthalates Content**

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

Test item	CAS No.	Result (%)						Reporting	Limit (%)
		Test components						Limit	
		(1)	(2)	(3)	(4)	(5)	(6)	(%)	
Dibutyl phthalate (DBP)	84-74-2	ND	ND	ND	ND	ND	ND	0.002	0.1
Di-(2-ethyl hexyl) phthalate (DEHP)	117-81-7	ND	ND	ND	ND	ND	ND	0.002	0.1
Benzyl butyl phthalate (BBP)	85-68-7	ND	ND	ND	ND	ND	ND	0.002	0.1
Diisononyl phthalate (DINP)	68515-48-0	ND	ND	ND	ND	ND	ND	0.010	0.1
Diisobutyl phthalate (DIBP)	84-69-5	ND	ND	ND	ND	ND	ND	0.002	0.1
Di-n-pentyl phthalate (DPENP)	131-18-0	ND	ND	ND	ND	ND	ND	0.002	0.1
Di-n-hexyl phthalate (DHEXP)	84-75-3	ND	ND	ND	ND	ND	ND	0.002	0.1
Dicyclohexyl phthalate (DCHP)	84-61-7	ND	ND	ND	ND	ND	ND	0.002	0.1

The above limit was quoted according to 16 CFR part 1307 approved by U.S. Consumer Product Safety Commission (CPSC) for prohibition of children's toys and child care articles containing specified phthalates.

Remark:

ND = Not Detected

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

**9. Phthalates Content for CA 65**

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

Test item	CAS No.	Result (%)						Reporting	Limit (%)
		Test components						Limit	
		(1)	(2)	(3)	(4)	(5)	(6)	(%)	
Dibutyl phthalate (DBP)	84-74-2	ND	ND	ND	ND	ND	ND	0.002	0.1
Di-(2-ethyl hexyl) phthalate (DEHP)	117-81-7	ND	ND	ND	ND	ND	ND	0.002	0.1
Benzyl butyl phthalate (BBP)	85-68-7	ND	ND	ND	ND	ND	ND	0.002	0.1
Diisononyl phthalate (DINP)	68515-48-0	ND	ND	ND	ND	ND	ND	0.010	0.1
Di-n-hexyl phthalate (DHEXP)	84-75-3	ND	ND	ND	ND	ND	ND	0.002	0.1
Diisodecyl Phthalate (DIDP)	26761-40-0	ND	ND	ND	ND	ND	ND	0.010	0.1

The above limit was quoted according to California Proposition 65 for prohibition of children's toys containing specified phthalates.

Remark:

ND = Not Detected

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

End of Report