

# Test Report

Report No.: SFT24082060042-02E

Date: October 11, 2024

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Applicant: SHANTOU RAPIDPOWER TECHNOLOGY CO.,LTD  
Address: Linghai Industrial Area, Fengxiang Street, Chenghai District, Shantou City, Guangdong Province, China

Sample Name: B/O TOYS  
Item No.: 8002,8003,8004,8006,8008,8009,8010,8011,8012,8013,8014,8015,8016,8018,8019,8020,8021,8022,8023,8024,8025,8026,8028,8029,8030,8031,8032,8033,8034,8035,8036,8038,8039,8040,A001,A002,A003,A005,A005S,A006,A008,A009,A010,A011,A012,A013,A015,A016,A018,A019,A020,A021,A022,A023,A025,A026,A028,A029,A030,A031,A032,A033,A035,A036,A038,A039,A050,A051,A052,A053,A055,A056,A058,A059,A060,A061,A062,A063,A065,A066,A068,A069,A080,A081,A082,A083,A085,A086,A088,A089,A090,A091,A092,A093,A095,A096,A098,A099,A100,A101,A102,A103,A105,A106,A108,A109,A111,A112,A113,A115,A116,A118,A119,A121,A122,A123,A125,A126,A128,A129,A130,A131,A132,A133,A135,A136,A138,A139,A150,A151,A152,A153,A155,A156,A001-B

Labeled Age Grading: 3+  
Age group assessed by lab: 3+  
Age group applied in testing: Over 3 years

The above sample(s) and information were provided by the client.

Sample Receiving Date: August 20, 2024  
Testing Period: From August 20, 2024 to October 10, 2024  
Test Requested: Select test(s) as requested by the client.  
Test Method(s): Please refer to next page(s).  
Test Result(s): Please refer to next page(s).

Signed for and on Behalf of SFT



Reed Qin & Tom Yin / Technical Manager  
Guangdong Safety Testing Co., Ltd.

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## SUMMARY OF TEST RESULTS

TEST REQUESTED	CONCLUSION
Physical and Mechanical Properties – Consumer Products Safety Commission of U.S.A	PASS
Flammability – Consumer Products Safety Commission of U.S.A	PASS
As specified by client, with reference to According to U.S. Consumer Product Safety Commission 16 C.F.R. Part 1303 to determine Total Lead Content in Surface Coating of the selected parts in the submitted sample(s).	PASS
15 U.S.C. § 2063(a)(5) or Consumer Product Safety Improvement Act of 2008 (CPSIA), Pub. L. No. 110-314 (August 14, 2008) (CPSIA), Section 103- Tracking labels for children's products	PASS
As specified by client, with reference to 15U.S.C§1278a(a), US Consumer Product Safety Improvement Act (CPSIA) of 2008, Section 101(a)(2) to determine Total Lead Content in Surface Coating of the selected parts in the submitted sample(s).	PASS
As specified by client, with reference to 15U.S.C§1278a(a), US Consumer Product Safety Improvement Act (CPSIA) of 2008, Section 101(a)(2) to determine Total Lead Content in Substrate of the selected parts in the submitted sample(s).	PASS
As specified by client, with reference to US Consumer Product Safety Improvement Act (CPSIA) of 2008 Sec. 108(a) & (b) (3) and US 16 CFR Part 1307 for Prohibition of Children's Toys and Childcare Articles Containing Specified phthalates to determine Phthalates Content of the selected parts in the submitted sample(s).	PASS
As specified by client, with reference to California Proposition 65 Court Case No.RG-356892 to determine Total Lead Content of the selected parts in the submitted sample(s).	PASS
As specified by client, with reference to California Proposition 65 Court Case No.RG-350969 to determine Phthalates Content of the selected parts in the submitted sample(s).	PASS
As specified by client, with reference to The Illinois Lead Poisoning Prevention Act (LPPA) (410 ILCS 45/6) to determine Total Lead Content in Surface Coatings of Children's Toys of the selected parts in the submitted sample(s).	PASS

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

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Test Result(s):

## Physical and Mechanical Properties

AS SPECIFIED IN TITLE 16, CODE OF FEDERAL REGULATIONS, CHAPTER II - CONSUMER PRODUCTS SAFETY COMMISSION OF U.S.A.

Normal use & Abuse test	SHARP POINT	SHARP EDGE	SMALL PART
	(1500.48)	(1500.49)	(1501)
As Received	Pass	Pass	N/A
Impact Test (Sec. 1500. 53b)	Pass	Pass	N/A
Bite Test (Sec. 1500. 53c)	N/A	N/A	N/A
Flexure Test (Sec. 1500.53d)	N/A	N/A	N/A
Torque Test (Sec. 1500. 53e)	Pass	Pass	N/A
Tension Test (Sec. 1500. 53f)	Pass	Pass	N/A
Compression Test (Sec. 1500. 53g)	N/A	N/A	N/A

## Labeling Requirement(Sec.1500.19)

NA

Note / Key : NA = Not Applicable.  
NC= Not Conducted as per client's request.

## Flammability

AS SPECIFIED IN TITLE 16 PART 1500.44 CODE OF FEDERAL REGULATIONS U.S.A.

Sample	Burn rate (inch/sec.)	Limit (inch/sec.)
B/O TOYS	DNI	0.10

Note / Key : 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.

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**As specified by client, with reference to According to U.S. Consumer Product Safety Commission 16 C.F.R. Part 1303 to determine Total Lead Content in Surface Coating of the selected parts in the submitted sample(s).**

Test method: U.S. CPSC-CH-E1003-09.1, Analyzed by Inductively Coupled Plasma Optical Emission Spectrometry.

Limit :	90 mg/kg	
Test Component(s)	Result (mg/kg)	Conclusion
1	ND	PASS

Note / Key : ND= Not detected(<MDL)  
MDL=Method Detection Limit (mg/kg) : 10  
mg/kg = milligram per kilogram = ppm = part per million  
Remark: Tested part(s) was/were specified by client

**15 U.S.C. § 2063(a)(5) or Consumer Product Safety Improvement Act of 2008 (CPSIA), Pub. L. No. 110-314 (August 14, 2008) (CPSIA), Section 103- Tracking labels for children's products**

The information of the product:

Name of the manufacturer : SHANTOU CHENGHAI JIN XING DA PLASTIC TOYS FACTORY  
Manufacturer location : Shantou City,Guangdong Province, China  
Date of production of the product : 2024.8.15  
Cohort information : 2408158006

The information of the packaging:

Name of the manufacturer : SHANTOU CHENGHAI JIN XING DA PLASTIC TOYS FACTORY  
Manufacturer location : Shantou City,Guangdong Province, China  
Date of production of the product : 2024.8.15  
Cohort information : 2408158006

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**As specified by client, with reference to 15U.S.C§1278a(a), US Consumer Product Safety Improvement Act (CPSIA) of 2008, Section 101(a)(2) to determine Total Lead Content in Surface Coating of the selected parts in the submitted sample(s).**

Test method: U. S. CPSC-CH-E1003-09.1, Analyzed by Inductively Coupled Plasma Optical Emission Spectrometry.

<b>Limit :</b>	<b>90 mg/kg</b>	
Test Component(s)	Result (mg/kg)	Conclusion
1	ND	PASS

Note / Key : ND= Not detected(<MDL)  
MDL=Method Detection Limit (mg/kg) : 10  
mg/kg = milligram per kilogram = ppm = part per million  
Remark: Tested part(s) was/were specified by client

**As specified by client, with reference to 15U.S.C§1278a(a), US Consumer Product Safety Improvement Act (CPSIA) of 2008, Section 101(a)(2) to determine Total Lead Content in Substrate of the selected parts in the submitted sample(s).**

Test method: U.S. CPSC-CH-E1001-08.3 and/or U.S. CPSC-CH-E1002-08.3, Analyzed by Inductively Coupled Plasma Optical Emission Spectrometry.

<b>Limit :</b>	<b>100 mg/kg</b>	
Test Component(s)	Result (mg/kg)	Conclusion
2+3+4	ND	PASS
5+6+7	ND	PASS
8+9+10	ND	PASS
11	13	PASS

Note / Key : ND= Not detected(<MDL)  
MDL=Method Detection Limit (mg/kg) : 10  
mg/kg = milligram per kilogram = ppm = part per million  
Remark: Tested part(s) was/were specified by client  
Composite testing(s) was/were specified by client

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**As specified by client, with reference to US Consumer Product Safety Improvement Act (CPSIA) of 2008 Sec. 108(a) & (b) (3) and US 16 CFR Part 1307 for Prohibition of Children's Toys and Childcare Articles Containing Specified phthalates to determine Phthalates Content of the selected parts in the submitted sample(s).**

Test method: U. S. CPSC-CH-C1001-09.4, Analyzed by Gas Chromatography-Mass Spectrometer.

Test Item	Limit (%)	Result (%)			
		Test Component(s)			
		1	2+3+4	5+6+7	8+9+10
Benzylbutyl phthalate (BBP)	0.1	ND	ND	ND	ND
Dibutyl phthalate (DBP)	0.1	ND	ND	ND	ND
Di-(2-ethylhexyl) phthalate (DEHP)	0.1	ND	ND	0.008	ND
Di-isononyl phthalate (DINP)	0.1	ND	ND	ND	ND
Diisobutyl phthalate (DIBP)	0.1	ND	ND	ND	ND
Dipentyl phthalate(DPENP)	0.1	ND	ND	ND	ND
Di-n-hexyl phthalate (DHEXP)	0.1	ND	ND	ND	ND
Dicyclohexyl phthalate (DCHP)	0.1	ND	ND	ND	ND
Conclusion	-	PASS	PASS	PASS	PASS

Note / Key : ND= Not detected(<MDL)  
MDL=Method Detection Limit (%) : 0.005  
mg/kg = milligram per kilogram = ppm = part per million  
10 000 mg/kg = 1 %

Remark: Tested part(s) was/were specified by client  
Composite testing(s) was/were specified by client

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**As specified by client, with reference to California Proposition 65 Court Case No.RG-356892 to determine Total Lead Content of the selected parts in the submitted sample(s).**

Test method: With reference to U.S. CPSC-CH-E1001-08.3 and/or U.S. CPSC-CH-E1002-08.3 and/or U.S. CPSC-CH-E1003-09.1, Analyzed by flame atomic absorption spectrometry or Inductively Coupled Plasma Optical Emission Spectrometry.

Limit:	Surface coating: 90 mg/kg	
	Substrate: 100 mg/kg	
Test Component(s)	Result (mg/kg)	Conclusion
1	ND	PASS
2+3+4	ND	PASS
5+6+7	ND	PASS
8+9+10	ND	PASS
11	13	PASS

Note / Key: ND= Not detected(<MDL)  
MDL=Method Detection Limit (mg/kg): 10  
mg/kg = milligram per kilogram = ppm = part per million  
Remark: Tested part(s) was/were specified by client  
Composite testing(s) was/were specified by client

**As specified by client, with reference to California Proposition 65 Court Case No.RG-350969 to determine Phthalates Content of the selected parts in the submitted sample(s).**

Test method: With reference to U.S. CPSC-CH-C1001-09.4, Analyzed by Gas Chromatography-Mass Spectrometer.

Test Item	CAS No.	Result (%)				Limit (%)
		Test Component (s)				
		1	2+3+4	5+6+7	8+9+10	
Di-(2-ethylhexyl) phthalate (DEHP)	117-81-7	ND	ND	0.008	ND	0.1
Dibutyl phthalate (DBP)	84-74-2	ND	ND	ND	ND	0.1
Benzylbutyl phthalate (BBP)	85-68-7	ND	ND	ND	ND	0.1
Di-isodecyl phthatlte (DIDP) <sup>n</sup>	26761-40-0 68515-49-1	ND	ND	ND	ND	0.1
Di-n-hexyl phthalate (DNHP)	84-75-3	ND	ND	ND	ND	0.1
Conclusion		PASS	PASS	PASS	PASS	-

Note / Key: ND= Not detected(<MDL)  
MDL=Method Detection Limit: 0.005%  
10 000 mg/kg = 1 %

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Remark: mg/kg = milligram per kilogram = ppm = part per million  
Tested part(s) was/were specified by client  
Composite testing(s) was/were specified by client  
Tests with (n) are not included in CNAS scope

**As specified by client, with reference to The Illinois Lead Poisoning Prevention Act (LPPA) (410 ILCS 45/6) to determine Total Lead Content in Surface Coatings of Children's Toys of the selected parts in the submitted sample(s).**

Test method : With reference to U.S. CPSC-CH-E1003-09.1, and then followed by Inductively Coupled Plasma Optical Emission Spectrometry analysis.

Limit	40 mg/kg	
Test Component(s)	Result (mg/kg)	Conclusion
1	ND	PASS

Note / Key : ND= Not detected(<MDL)  
MDL=Method Detection Limit (mg/kg) : 10  
mg/kg = milligram per kilogram = ppm = part per million  
Remark: Tested part(s) was/were specified by client

Test Component(s)	Sample Description/ Location
1	Cyan/black/white/grey/yellow coating(surface of dog & remote control)
2	White plastic(remote control & dog)
3	Black plastic(dog)
4	Translucent white plastic(light cover of dog)
5	Black soft plastic(button of remote control)
6	Black soft plastic(tire)
7	Blue plastic(beads)
8	Black soft plastic(USB big plug)
9	Black soft plastic(USB small plug)
10	Black soft plastic(USB wire jacket)
11	Silvery metal(screw of battery cover)

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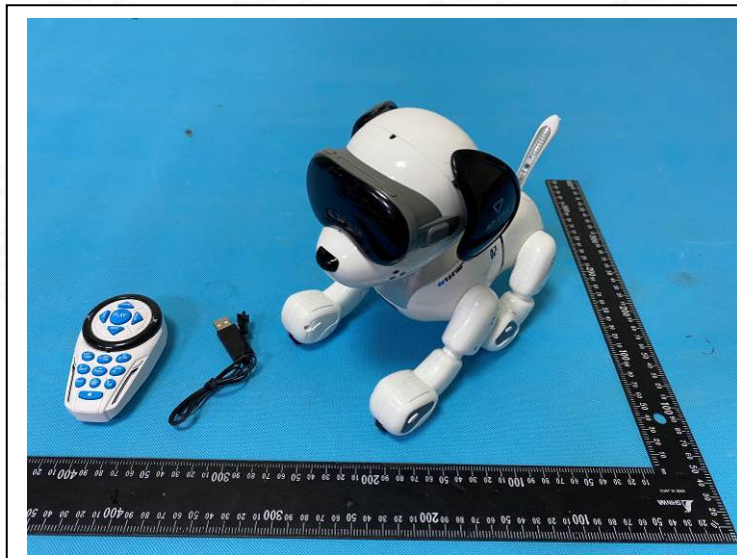
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Photo of Sample



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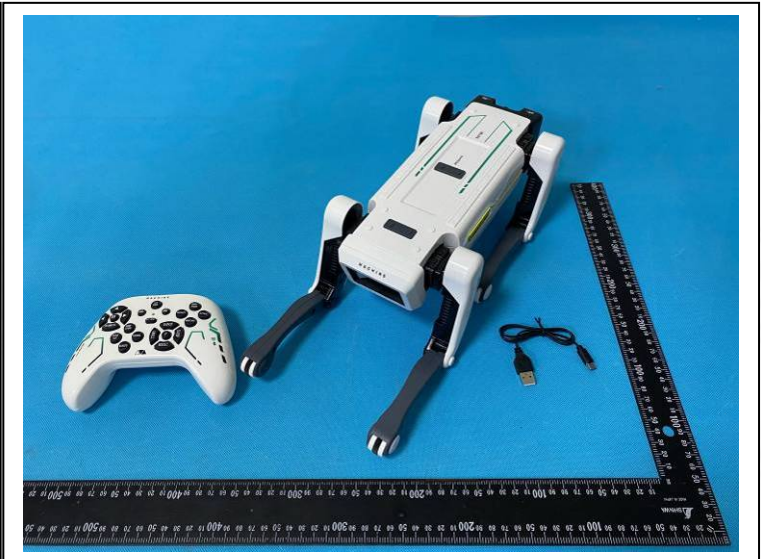


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\*\*\*End of Report\*\*\*

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