

CPC

Children's Product Certificate

Date of Issuance: **2024-07-15**

Attestation Number: **NAP2407029803E/NAP2407029804E**

Page 1 of 2

Sample Name:

DINOSAUR SERIES

Item No.:

LH-D001-1,LH-D001-2,LH-D001-3,LH-D001S-1,LH-D001S-2,LH-D001S-3,LH-D002-1,LH-D002-2,LH-D002-3,LH-D002S-1,LH-D002S-2,LH-D002S-3,LH-D003,LH-D004,LH-D005-1,LH-D005-2,LH-D005-3,LH-D005S-1,LH-D005S-2,LH-D005S-3,LH-D006-1,LH-D006-2,LH-D006-3,LH-D006S-1,LH-D006S-2,LH-D006S-3,LH-D008,LH-D008S,LH-D009,LH-D009S,LH-D010,LH-D011,LH-D0011S,LH-D012,LH-D012S,LH-D013,LH-D014,LH-D015,LH-D016,LH-D016S,LH-D018,LH-D019,LH-D020,LH-D021,LH-D022,LH-D023,LH-D024,LH-D025,LH-D025S,LH-D026,LH-D026S,LH-D027,LH-D027S,LH-D028,LH-D029,LH-D030,LH-D031 , LH-D032,LH-D033,LH-D034,LH-D035, LH-D036,LH-D020S, LHD019

Date of Manufacture:

Description:

Country of Origin:

China

Labeled Age Grading:

6+

Requested Age Grading :

6+

Age Group Applied in Testing:

6+

Exported to:

USA

Manufacturer:

Address of Manufacture:

Place of Manufacture:

Importer:

Place of Importer:

Phone of Importer:

Test Applicant:

Shantou Chenghai Lihuang Plastic Toys Co., Ltd

Address of Applicant:

CHENGHAI DISTRICT, SHANTOU CITY, GUANGDONG PROVINCE, CHINA

Contact information for the individual maintaining records of test results:

Contact Person:

Email:

Phone:

Address:

Sample Received Date:

Jul.10,2024

Date of Testing:

From Jul.10,2024~ Jul.12,2024

Place of Testing:

Zhongshan City, Guangdong Province, China

Lab of Testing:

NAP Testing Technology Service (Zhongshan) Co., LTD

Lab Address:

4th floor Zone A and 5th floor, Site no. 81, Lixi Avenue, Banfu Borough, Zhongshan City, Guangdong Province, China

Lab ID:

1690

Phone:

+86-0760-86509960

E-mail:

nap-report@nap-testing.com

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Based upon a test and/or reasonable test program, this product complies with the applicable regulations, rules, bans and standards under CPSIA, and/or any other acts enforced by the CPSC:

1) Consumer Product Safety Commission 16 CFR Ch.II :

- 16 CFR 1501 Small parts
- 16 CFR 1500.50.51.52.53 Simulating use and abuse of toys
- 16 CFR 1500.48 Technical requirements for determining a sharp point
- 16 CFR 1500.49 Technical requirements for determining a sharp metal or glass edge
- 16 CFR 1500.44 Flammability test on solid

2) Total Lead Content—U.S. Consumer Product Safety Improvement Act of 2008 (CPSIA), Title I, Section 101.

3) Consumer Product Safety Commission 16 CFR Ch.II Part 1303 – Ban of Lead in paint and similar surface coating.

4) CONSUMER PRODUCT SAFETY COMMISSION-16 CFR Part 1307 [Docket No.CPSC–2014–0033], Final Rule, amending CPSIA section 108, Prohibition on Sale of Certain Products Containing Specified Phthalates.

5) ASTM F963-17 Standard Consumer Safety Specification for Toy Safety

- Mechanical and Physical test
- Clause 4.2 Flammability of toys
- Clause 4.3.5 Heavy elements – Total Lead content
- Clause 4.3.5 Heavy elements – Migration of certain elements

6) CPSIA Section 103 Tracking Labels for Children's Products

Note: This statement is based on a single evaluation of the sample of above mentioned product submitted by the applicant. It does not imply an assessment of the whole production.

Signed by: Lian Yi
Issued Date: Jul.15, 2024

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Date of Manufacture:

Description:

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China

Labeled Age Grading:

6+

Requested Age Grading :

6+

Age Group Applied in Testing:

6+

Exported to:

USA

Manufacturer:

Shantou Chenghai Lihuang Plastic Toys Co., Ltd

Address of Manufacture:

CHENGHAI DISTRICT,SHANTOU CITY,GUANGDONG PROVINCE,CHINA

Place of Manufacture:

SHANTOU CITY,GUANGDONG PROVINCE,CHINA

Importer:

Dongguan Zhiqingaishang Trading Ltd.

Place of Importer:

zhongxiasanxiang No.1,304fang,Dongguan, Guangdong, China

Phone of Importer:

Test Applicant:

Shantou Chenghai Lihuang Plastic Toys Co., Ltd

Address of Applicant:

CHENGHAI DISTRICT,SHANTOU CITY,GUANGDONG PROVINCE,CHINA

Contact information for the individual maintaining records of test results:

Contact Person:

ANDREA

Email:

285115150@qq.com

Phone:

19830016425

Address:

CHENGHAI DISTRICT,SHANTOU CITY,GUANGDONG PROVINCE,CHINA

Sample Received Date:

Jul.10,2024

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From Jul.10,2024~ Jul.12,2024

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Signed by: Lian Yi
Issued Date: Jul.15, 2024



中国认可
国际互认
检测
TESTING
CNAS L3150



Access to the World

TEST REPORT

Product Name : DINOSAUR SERIES

Model Number : See page 3

Prepared for : Shantou Chenghai Lihuang Plastic Toys Co., Ltd.
Address : Chenghai District, Shantou City, Guangdong Province,
China

Prepared by : EMTEK(DONGGUAN) CO., LTD.
Address : -1&2F, Building 2, Zone A, Zhongda Marine Biotechnology
Research and Development Base, No.9, Xincheng Avenue,
Songshanhu High-technology Industrial Development
Zone, Dongguan, Guangdong, China

Tel: +86-769-22807078

Fax: +86-769-22807079

Report Number : EDG2407100176L00101R
Date(s) of Tests : July 10, 2024 to July 12, 2024
Date of issue : July 15, 2024



TEST REPORT

Applicant : Shantou Chenghai Lihuang Plastic Toys Co., Ltd.
Address : Chenghai District, Shantou City, Guangdong Province, China

Manufacture : Shantou Chenghai Lihuang Plastic Toys Co., Ltd.
Address : Chenghai District, Shantou City, Guangdong Province, China

Sample Name : DINOSAUR SERIES
Style/Item No. : See page 3

Labeled Age Grading : 6+
Requested Age Grading : 6+
Age Group Applied in Testing : 6+

Sample Received Date : July 10, 2024
Testing Completed Date : July 10, 2024 to July 12, 2024

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

Executive Summary:

STANDARD

ASTM F963-23 section 4.25 Battery-operated toy

CONCLUSION

PASS

Signed for and on behalf of
EMTEK (Dongguan) Co., Ltd.

Prepared by: Coral Chen
Coral Chen
Report Engineer

Reviewed by: June Luo
June Luo
Supervisor

Approved by: Nicol Lee
Nicol Lee
Manager

TEST REPORT

Item No
LH-D001-1,LH-D001-2,LH-D001-3,LH-D001S-1,LH-D001S-2,LH-D001S-3,LH-D002-1,LH-D002-2,LH-D002-3,LH-D002S-1,LH-D002S-2,LH-D002S-3,LH-D003,LH-D004,LH-D005-1,LH-D005-2,LH-D005-3,LH-D005S-1,LH-D005S-2,LH-D005S-3,LH-D006-1,LH-D006-2,LH-D006-3,LH-D006S-1,LH-D006S-2,LH-D006S-3,LH-D008,LH-D008S,LH-D009,LH-D009S,LH-D010,LH-D011,LH-D0011S,LH-D012,LH-D012S,LH-D013,LH-D014,LH-D015,LH-D016,LH-D016S,LH-D018,LH-D019,LH-D020,LH-D021,LH-D022,LH-D023,LH-D024,LH-D025,LH-D025S,LH-D026,LH-D026S,LH-D027,LH-D027S,LH-D028,LH-D029,LH-D030,LH-D031,LH-D032,LH-D033,LH-D034,LH-D035,LH-D036,LH-D020S,LHD019



TEST REPORT

Battery-Operated DINOSAUR SERIES :

As per ASTM Standard Consumer Safety Specification for Toy Safety F963-23 Section 4.25.

Power Source: 7.4VDC (2×3.7VDC 1200mAh Li-ion type batteries) for DINOSAUR SERIES. 3VDC (2×1.5VDC AA size batteries) for remote control.

All models have same construction except appearance. Unless otherwise specified, full tests were performed on the model LH-D001-1.

Section	Testing items	Assessment
4.25	Battery operated toy	P
4.25.1	Battery information marking in battery compartment	P
4.25.1.1	Label for non-replaceable batteries	NA
4.25.2	Nominal voltage between 2 accessible points not exceed 24VDC	P
4.25.3	Designed to prevent charge any non-rechargeable battery exempted button cell	NA
4.25.4	Battery Accessibility—Battery accessibility before and after testing	P
4.25.4.1	Toy intended for children less than 3 years old, all batteries not be accessed before or after foreseeable abuse testing	NA
4.25.4.2	Small batteries not be accessed before or after foreseeable abuse testing	NA
4.25.4.3	Battery compartment fasteners	P
4.25.4.4	Use a specialty fastener (for example, Torx, Hex) to secure the battery compartment	NA
4.25.5	Isolation of batteries of different types or capacities	NA
4.25.6	Temperature on battery surface not exceeding 71°C	P(See table 1)
4.25.6.1	Battery operated toy during normal use conditions	P
4.25.6.2	Lock external moving parts of the toy	P(See table 2)
4.25.7	Not condition occurred hat cause battery overheat or present a combustion hazard	P
4.25.7.1	Temperature on rechargeable lithium batteries during normal use charging and any discharging of the battery.	P
4.25.8	Instruction requirement - 5.14 Non-replaceable batteries - 5.14.2 Instruction for button or coin cell batteries - 6.5 Instruction on safe battery usage	P
*4.25.9	Battery-powered ride on toy	NA
4.25.10	Contain secondary cells or secondary batteries	P
4.25.10.1	Lithium ion / ion polymer cells comply with standard ANSI C18.2M Part 2 or UL 1642 or IEC 62133	P
4.25.10.2	Lithium ion / ion polymer batteries comply with standard ANSI C18.2M Part 2 or UL 2054 or IEC 62133	P
4.25.10.3	Lithium ion or lithium ion polymer cells provided with an enclosure that provides protection against damage to the cells and their circuitry during normal use and foreseeable abuse of the toy	P
4.25.10.4	During charging with the provided charging device when tested in accordance with 8.19.1, 8.19.2, and 8.19.3: (1) No cell exceed the cell or battery manufacturer's specified charging voltage (2) No cell exceed the cell or battery manufacturer's specified current (3) No cell exceed the cell or battery manufacturer's specified temperature values	P

TEST REPORT

4.25.11.5	During discharge with the provided load when tested in accordance with 8.19.1, 8.19.2, 8.19.3, and 8.19.4, Any cell's maximum discharge current shall not exceed the cell manufacturer's specifications during normal operation and stalled motor Lithium ion or lithium ion polymer cell(s) cutoff voltage shall not less than the manufacturer's specified minimum in any operating mode.	P
4.25.10.6	Temperature rises on any battery surfaces or any other accessible surface of the toy when tested in accordance with 8.19.1, 8.19.2 and 8.19.3 under normal use charging and discharging	P
4.25.10.7	Plug into electric mains power battery chargers or power adaptors listed by a Nationally Recognized Test Laboratory (NRTL)	NA
4.25.10.8	Circuit connected to lithium ion or lithium ion polymer and NiMH secondary batteries shall be short circuit protected. - No rise of fire present when tested in accordance with 8.19.5 - Temperatures on any accessible and inaccessible secondary battery surface shall not exceed the limit - Cells not cause battery explosion, burning or charring the combustible material - Electrolyte shall not become accessible if cells vent - Removable secondary batteries was not able to be short circuited by placing terminals of opposite polarity against a flat conductive surface - Short circuit protection must be incorporated into Lithium ion or lithium ion polymer batteries	P
5.14	Battery-Operated toy - toy with non-replaceable batteries that are accessible with the use of a coin, screwdriver, or other common household tool shall bear a statement that the battery is not replaceable.	NA
5.14.1	Battery-Powered Ride-on toy.	NA
5.14.2	Button or Coin Cell Batteries.	NA
6.5	Battery-Operated toy -For toy that use more than one battery per circuit, the instructions or the toy shall be marked with the following (or equivalent) information.	P
6.5.1	Do not mix old and new batteries.	P
6.5.2	Do not mix alkaline, standard (carbon-zinc), or rechargeable batteries.	P

P = Pass NA= Not applicable NC=Test object does not considered by applicant

Remark: Standard clause with "*" were not within the scope of CNAS recognition.

TEST REPORT

Table 1:

Temperature Measurement

4.25.6	The test sample was operated by 7.4VDC (2×3.7VDC 1200mAh Li-ion type batteries) for DINOSAUR SERIES. 3VDC (2×1.5VDC AA size batteries) for remote control.			
	Until steady conditions were established.			
	The maximum temperature rises were recorded as follows:			
	Ambient temperature :	(Deg. °C)	25.0°C	P
	<u>Location</u>		Temperature °C	<u>Limit (°C)</u>
Discharge mode				
DINOSAUR SERIES				
	Battery surface		50.7	71
	Battery compartment		32.3	60
	Accessible surface (Max.): Plastic Enclosure near motor		44.7	60
Remote control				
	Battery surface		27.6	71
	Battery compartment		26.5	60
	Accessible surface (Max.): Plastic Enclosure near battery		25.9	60
Charge Mode: (The battery needs to be removed from the toy before it can be charged)				
	Battery surface		28.2	71

Table 2:

Temperature Measurement

4.25.6	Lock external moving parts: Stalled motor condition (kept "on" by hand or foot, monitor temperatures for 30 s)			
	Ambient temperature :	(Deg. °C)	25.0°C	P
	<u>Location</u>		Temperature °C	<u>Limit (°C)</u>
	Battery surface		55.2	71
	Battery compartment		34.6	60
	Accessible surface (Max.): Plastic Enclosure near motor		49.4	60

TEST REPORT

Photo Appendix

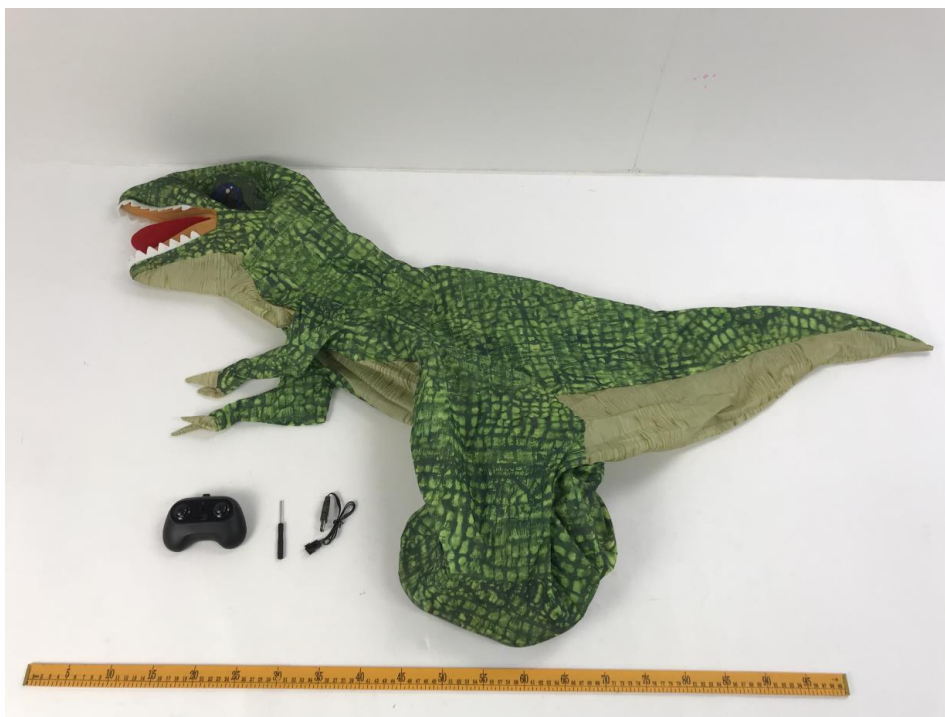


Figure 1: Overview



Figure 2: Overview

TEST REPORT



Figure 3: Overview



Figure 4: Overview

*****The End*****

声 明 Statement

1. 本报告无授权批准人签字及“检验检测专用章”无效；

This report will be void without authorized signature or special seal for testing report.

2. 未经许可本报告不得部分复制；

This report shall not be copied partly without authorization.

3. 本报告的检测结果仅对送测样品有效，委托方对样品的代表性和资料的真实性负责；

The test results or observations are applicable only to tested sample. Client shall be responsible for representativeness of the sample and authenticity of the material.

4. 本检测报告中检测项目标注有特殊符号则该项目不在资质认定范围内，仅作为客户委托、科研、教学或内部质量控制等目的使用；

The observations or tests with special mark fall outside the scope of accreditation, and are only used for purpose of commission, research, training, internal quality control etc.

5. 本检测报告以实测值进行符合性判定，未考虑不确定度所带来的风险，本实验室不承担相关责任，特别约定、标准或规范中有明确规定的除外；

The test results or observations are provided in accordance with measured value, without taking risks caused by uncertainty into account. Without explicit stipulation in special agreements, standards or regulations, EMTEK shall not assume any responsibility.

6. 对本检测报告若有异议，请于收到报告之日起 20 日内提出；

Objections shall be raised within 20 days from the date receiving the report.



中国认可
国际互认
检测
TESTING
CNAS L3150



Access to the World

TEST REPORT

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Model Number : See page 3

Prepared for : Shantou Chenghai Lihuang Plastic Toys Co., Ltd.
Address : Chenghai District, Shantou City, Guangdong Province,
China

Prepared by : EMTEK(DONGGUAN) CO., LTD.
Address : -1&2F, Building 2, Zone A, Zhongda Marine Biotechnology
Research and Development Base, No.9, Xincheng Avenue,
Songshanhu High-technology Industrial Development
Zone, Dongguan, Guangdong, China

Tel: +86-769-22807078

Fax: +86-769-22807079

Report Number : EDG2407100176L00101R
Date(s) of Tests : July 10, 2024 to July 12, 2024
Date of issue : July 15, 2024



TEST REPORT

Applicant : Shantou Chenghai Lihuang Plastic Toys Co., Ltd.
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Manufacture : Shantou Chenghai Lihuang Plastic Toys Co., Ltd.
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STANDARD

ASTM F963-23 section 4.25 Battery-operated toy

CONCLUSION

PASS

Signed for and on behalf of
EMTEK (Dongguan) Co., Ltd.

Prepared by: Coral Chen
Coral Chen
Report Engineer

Reviewed by: June Luo
June Luo
Supervisor

Approved by: Nicol Lee
Nicol Lee
Manager

TEST REPORT

Item No
LH-D001-1,LH-D001-2,LH-D001-3,LH-D001S-1,LH-D001S-2,LH-D001S-3,LH-D002-1,LH-D002-2,LH-D002-3,LH-D002S-1,LH-D002S-2,LH-D002S-3,LH-D003,LH-D004,LH-D005-1,LH-D005-2,LH-D005-3,LH-D005S-1,LH-D005S-2,LH-D005S-3,LH-D006-1,LH-D006-2,LH-D006-3,LH-D006S-1,LH-D006S-2,LH-D006S-3,LH-D008,LH-D008S,LH-D009,LH-D009S,LH-D010,LH-D011,LH-D0011S,LH-D012,LH-D012S,LH-D013,LH-D014,LH-D015,LH-D016,LH-D016S,LH-D018,LH-D019,LH-D020,LH-D021,LH-D022,LH-D023,LH-D024,LH-D025,LH-D025S,LH-D026,LH-D026S,LH-D027,LH-D027S,LH-D028,LH-D029,LH-D030,LH-D031,LH-D032,LH-D033,LH-D034,LH-D035,LH-D036,LH-D020S,LHD019



TEST REPORT

Battery-Operated DINOSAUR SERIES :

As per ASTM Standard Consumer Safety Specification for Toy Safety F963-23 Section 4.25.

Power Source: 7.4VDC (2×3.7VDC 1200mAh Li-ion type batteries) for DINOSAUR SERIES. 3VDC (2×1.5VDC AA size batteries) for remote control.

All models have same construction except appearance. Unless otherwise specified, full tests were performed on the model LH-D001-1.

Section	Testing items	Assessment
4.25	Battery operated toy	P
4.25.1	Battery information marking in battery compartment	P
4.25.1.1	Label for non-replaceable batteries	NA
4.25.2	Nominal voltage between 2 accessible points not exceed 24VDC	P
4.25.3	Designed to prevent charge any non-rechargeable battery exempted button cell	NA
4.25.4	Battery Accessibility—Battery accessibility before and after testing	P
4.25.4.1	Toy intended for children less than 3 years old, all batteries not be accessed before or after foreseeable abuse testing	NA
4.25.4.2	Small batteries not be accessed before or after foreseeable abuse testing	NA
4.25.4.3	Battery compartment fasteners	P
4.25.4.4	Use a specialty fastener (for example, Torx, Hex) to secure the battery compartment	NA
4.25.5	Isolation of batteries of different types or capacities	NA
4.25.6	Temperature on battery surface not exceeding 71°C	P(See table 1)
4.25.6.1	Battery operated toy during normal use conditions	P
4.25.6.2	Lock external moving parts of the toy	P(See table 2)
4.25.7	Not condition occurred hat cause battery overheat or present a combustion hazard	P
4.25.7.1	Temperature on rechargeable lithium batteries during normal use charging and any discharging of the battery.	P
4.25.8	Instruction requirement - 5.14 Non-replaceable batteries - 5.14.2 Instruction for button or coin cell batteries - 6.5 Instruction on safe battery usage	P
*4.25.9	Battery-powered ride on toy	NA
4.25.10	Contain secondary cells or secondary batteries	P
4.25.10.1	Lithium ion / ion polymer cells comply with standard ANSI C18.2M Part 2 or UL 1642 or IEC 62133	P
4.25.10.2	Lithium ion / ion polymer batteries comply with standard ANSI C18.2M Part 2 or UL 2054 or IEC 62133	P
4.25.10.3	Lithium ion or lithium ion polymer cells provided with an enclosure that provides protection against damage to the cells and their circuitry during normal use and foreseeable abuse of the toy	P
4.25.10.4	During charging with the provided charging device when tested in accordance with 8.19.1, 8.19.2, and 8.19.3: (1) No cell exceed the cell or battery manufacturer's specified charging voltage (2) No cell exceed the cell or battery manufacturer's specified current (3) No cell exceed the cell or battery manufacturer's specified temperature values	P

TEST REPORT

4.25.11.5	During discharge with the provided load when tested in accordance with 8.19.1, 8.19.2, 8.19.3, and 8.19.4, Any cell's maximum discharge current shall not exceed the cell manufacturer's specifications during normal operation and stalled motor Lithium ion or lithium ion polymer cell(s) cutoff voltage shall not less than the manufacturer's specified minimum in any operating mode.	P
4.25.10.6	Temperature rises on any battery surfaces or any other accessible surface of the toy when tested in accordance with 8.19.1, 8.19.2 and 8.19.3 under normal use charging and discharging	P
4.25.10.7	Plug into electric mains power battery chargers or power adaptors listed by a Nationally Recognized Test Laboratory (NRTL)	NA
4.25.10.8	Circuit connected to lithium ion or lithium ion polymer and NiMH secondary batteries shall be short circuit protected. - No rise of fire present when tested in accordance with 8.19.5 - Temperatures on any accessible and inaccessible secondary battery surface shall not exceed the limit - Cells not cause battery explosion, burning or charring the combustible material - Electrolyte shall not become accessible if cells vent - Removable secondary batteries was not able to be short circuited by placing terminals of opposite polarity against a flat conductive surface - Short circuit protection must be incorporated into Lithium ion or lithium ion polymer batteries	P
5.14	Battery-Operated toy - toy with non-replaceable batteries that are accessible with the use of a coin, screwdriver, or other common household tool shall bear a statement that the battery is not replaceable.	NA
5.14.1	Battery-Powered Ride-on toy.	NA
5.14.2	Button or Coin Cell Batteries.	NA
6.5	Battery-Operated toy -For toy that use more than one battery per circuit, the instructions or the toy shall be marked with the following (or equivalent) information.	P
6.5.1	Do not mix old and new batteries.	P
6.5.2	Do not mix alkaline, standard (carbon-zinc), or rechargeable batteries.	P

P = Pass NA= Not applicable NC=Test object does not considered by applicant

Remark: Standard clause with "*" were not within the scope of CNAS recognition.

TEST REPORT

Table 1:

Temperature Measurement

4.25.6	The test sample was operated by 7.4VDC (2×3.7VDC 1200mAh Li-ion type batteries) for DINOSAUR SERIES. 3VDC (2×1.5VDC AA size batteries) for remote control.			
	Until steady conditions were established.			
	The maximum temperature rises were recorded as follows:			
	Ambient temperature :	(Deg. °C)	25.0°C	P
	<u>Location</u>		Temperature °C	<u>Limit (°C)</u>
Discharge mode				
DINOSAUR SERIES				
	Battery surface		50.7	71
	Battery compartment		32.3	60
	Accessible surface (Max.): Plastic Enclosure near motor		44.7	60
Remote control				
	Battery surface		27.6	71
	Battery compartment		26.5	60
	Accessible surface (Max.): Plastic Enclosure near battery		25.9	60
Charge Mode: (The battery needs to be removed from the toy before it can be charged)				
	Battery surface		28.2	71

Table 2:

Temperature Measurement

4.25.6	Lock external moving parts: Stalled motor condition (kept "on" by hand or foot, monitor temperatures for 30 s)			
	Ambient temperature :	(Deg. °C)	25.0°C	P
	<u>Location</u>		Temperature °C	<u>Limit (°C)</u>
	Battery surface		55.2	71
	Battery compartment		34.6	60
	Accessible surface (Max.): Plastic Enclosure near motor		49.4	60

TEST REPORT

Photo Appendix



Figure 1: Overview



Figure 2: Overview

TEST REPORT



Figure 3: Overview



Figure 4: Overview

*****The End*****

声 明 Statement

1. 本报告无授权批准人签字及“检验检测专用章”无效；

This report will be void without authorized signature or special seal for testing report.

2. 未经许可本报告不得部分复制；

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3. 本报告的检测结果仅对送测样品有效，委托方对样品的代表性和资料的真实性负责；

The test results or observations are applicable only to tested sample. Client shall be responsible for representativeness of the sample and authenticity of the material.

4. 本检测报告中检测项目标注有特殊符号则该项目不在资质认定范围内，仅作为客户委托、科研、教学或内部质量控制等目的使用；

The observations or tests with special mark fall outside the scope of accreditation, and are only used for purpose of commission, research, training, internal quality control etc.

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6. 对本检测报告若有异议，请于收到报告之日起 20 日内提出；

Objections shall be raised within 20 days from the date receiving the report.



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检测
TESTING
CNAS L4783

Test Report

Report No.: NAP2407029802E

Page 1 of 5

Applicant: Shantou Chenghai Lihuang Plastic Toys Co., Ltd

Address: CHENGHAI DISTRICT, SHANTOU CITY, GUANGDONG PROVINCE, CHINA

The following test sample information is provided and confirmed by the applicant:

Sample Name: DINOSAUR SERIES

Item No.: LH-D001-1, LH-D001-2, LH-D001-3, LH-D001S-1, LH-D001S-2, LH-D001S-3, LH-D002-1, LH-D002-2, LH-D002-3, LH-D002S-1, LH-D002S-2, LH-D002S-3, LH-D003, LH-D004, LH-D005-1, LH-D005-2, LH-D005-3, LH-D005S-1, LH-D005S-2, LH-D005S-3, LH-D006-1, LH-D006-2, LH-D006-3, LH-D006S-1, LH-D006S-2, LH-D006S-3, LH-D008, LH-D008S, LH-D009, LH-D009S, LH-D010, LH-D011, LH-D011S, LH-D012, LH-D012S, LH-D013, LH-D014, LH-D015, LH-D016, LH-D016S, LH-D018, LH-D019, LH-D020, LH-D021, LH-D022, LH-D023, LH-D024, LH-D025, LH-D025S, LH-D026, LH-D026S, LH-D027, LH-D027S, LH-D028, LH-D029, LH-D030, LH-D031, LH-D032, LH-D033, LH-D034, LH-D035, LH-D036, LH-D020S, LHD019

Date of sample(s) received: Jul.10,2024

Date of Test Period: Jul.10,2024~ Jul.12,2024

Date of Report: Jul.12,2024

TEST REQUIREMENT

1. As specified by client, to determine the Total Phthalates Content In Toys And Child Care Articles [Point 51, 52 Of The Annex XVII Of The Regulation (EC) No.1907/2006 (REACH) And Amending Commission Regulation (EU) 2018/2005] in submitted samples.
2. As specified by client, to determine the phthalates content (3P) in submitted samples.

CONCLUSION

PASS

Data As Report

NAP Testing Technology Service (Zhongshan) Co., LTD

Lian Yi

Lian Yi

Authorized Signatory



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NAP Testing Technology Service (Zhongshan) Co., LTD
TEL: 0760-86509960 E-mail: service@nap-testing.com

Add: 4th floor Zone A and 5th floor, Site no. 81, Lixi Avenue, Banfu Borough, Zhongshan City, Guangdong Province, China



Test Report

Report No.: NAP2407029802E

Page 2 of 5

Test Result(s):

1. Total Phthalates Content In Toys And Child Care Articles [Point 51, 52 Of The Annex XVII Of The Regulation (EC) No. 1907/2006 (REACH) And Amending Commission Regulation (EU) 2018/2005]

Test Method: Refer to EN 14372:2004(E) & CPSC-CH-C1001-09.4, analyzed by GC-MS.

Material(s) in toys and childcare articles			
Test Item(s)	MDL (%)	Test result (%)	Limit (%)
		001+002+003	
Dibutyl Phthalate, DBP	0.005	<0.005	-
Benzyl Butyl Phthalate, BBP	0.005	<0.005	-
Diethylhexyl Phthalate, DEHP	0.005	<0.005	-
Diisobutyl Phthalate, DIBP	0.005	<0.005	-
Sum of DBP, BBP, DEHP & DIBP		<0.005	0.1
Diisononyl Phthalate, DINP	0.005	<0.005	-
Di-n-octyl Phthalate, DNOP	0.005	<0.005	-
Diisodecyl Phthalate, DIDP	0.005	<0.005	-
Sum of DINP, DNOP & DIDP		<0.005	0.1
Rating		PASS	-
Remark: - MDL= Method Detection Limit, N.D.=Not Detected(less than MDL). 1 mg/kg = 0.0001%, “-“= Not Applicable. - The results shown are the total weight of the sample. - The customer selects the testing site, and the chemical testing conclusion only applies to the selected part.			

2. The phthalates content (3P)

Test Method: Reference to EN 14372:2004(E) & CPSC-CH-C1001-09.4, analyzed by GC-MS.

Test Item(s)	CAS No.	MDL (%)	Test result (%)
			001+002+003
Dipentyl Phthalate, (DPENP/DPP)	131-18-0	0.005	<0.005
Di-n-hexyl Phthalate, (DHEXP)	84-75-3	0.005	<0.005
Dicyclohexyl Phthalate, (DCHP)	84-61-7	0.005	<0.005
Remark: - MDL= Method Detection Limit, N.D.=Not Detected(less than MDL). 1 mg/kg = 0.0001%. - The results shown are the total weight of the sample. - The customer selects the testing site, and the chemical testing conclusion only applies to the selected part.			

Test Material(s) List:

- (001) Black transparent plastic (USB) cable
- (002) Black plastic shell
- (003) Black soft plastic tire



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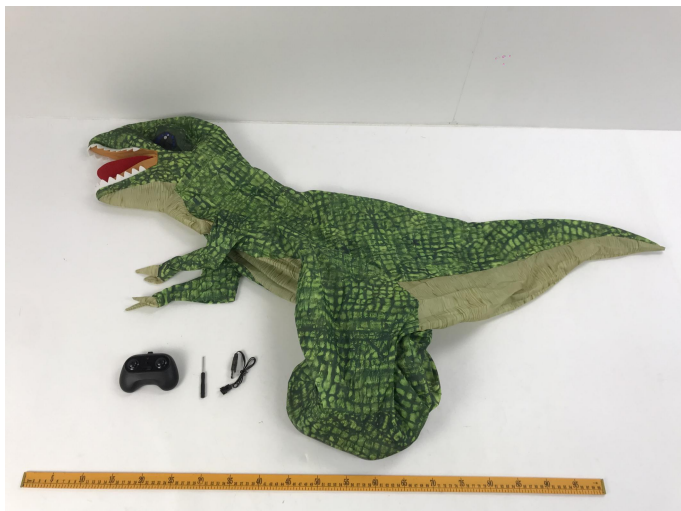
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Test Report

Report No.: NAP2407029802E

Page 3 of 5

Photograph of Sample(s):



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Report No.: NAP2407029802E

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



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TESTING
CNAS L4783

Test Report

Report No.: NAP2407029803E

Page 1 of 9

Applicant: Shantou Chenghai Lihuang Plastic Toys Co., Ltd

Address: CHENGHAI DISTRICT, SHANTOU CITY, GUANGDONG PROVINCE, CHINA

The following test sample information is provided and confirmed by the applicant:

Sample Name: DINOSAUR SERIES
Item No.: Please see page 2 below
Packaging Provided: Yes
Labeled Age Grading: 6+
Requested Age Grading: 6+
Age Group Applied in Testing: 6+

Date of sample(s) received: Jul.10,2024
Date of Test Period: Jul.10,2024~ Jul.12,2024
Date of Report: Jul.12,2024

TEST REQUESTED

CONCLUSION

- | | |
|---|----------------|
| 1. As specified by client, to determine the ASTM F963-17 and ASTM F963-23 Physical & Mechanical Requirements in submitted samples. | PASS |
| 2. As specified by client, to determine the ASTM F963-17 and ASTM F963-23 Flammability Requirements in submitted samples. | PASS |
| 3. As specified by client, to determine the Soluble Migrated Elements [ASTM F963-17 and ASTM F963-23 Section 4.3.5.1 (2), 4.3.5.2 (2)(b) & 8.3] in submitted samples. | PASS |
| 4. As specified by client, to determine the Total Lead Content In Substrates [ASTM F963-17 and ASTM F963-23 Section 4.3.5.2 (2)(a)] in submitted samples. | PASS |
| 5. As specified by client, to determine the Total Phthalates [ASTM F963-23 Section 4.3.8] in submitted samples. | PASS |
| 6. As specified by client, to determine the Tracking labels for children's products [Consumer Product Safety Improvement Act of 2008 Section 103] in submitted samples. | PASS |
| 7. As specified by client, to determine the Total Lead Content in Paints and Surface Coatings [ASTM F963-17 and ASTM F963-23 Section 4.3.5.1(1)] in submitted samples. | Not Applicable |

NAP Testing Technology Service (Zhongshan) Co., LTD

Lian Yi

Lian Yi

Authorized Signatory



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Test Report

Report No.: NAP2407029803E

Page 2 of 9

The following test sample information is provided and confirmed by the applicant:

Item No.: LH-D001-1,LH-D001-2,LH-D001-3,LH-D001S-1,LH-D001S-2,LH-D001S-3,LH-D002-1,LH-D002-2,LH-D002-3,LH-D002S-1,LH-D002S-2,LH-D002S-3,LH-D003,LH-D004,LH-D005-1,LH-D005-2,LH-D005-3,LH-D005S-1,LH-D005S-2,LH-D005S-3,LH-D006-1,LH-D006-2,LH-D006-3,LH-D006S-1,LH-D006S-2,LH-D006S-3,LH-D008,LH-D008S,LH-D009,LH-D009S,LH-D010,LH-D011,LH-D0011S,LH-D012,LH-D012S,LH-D013,LH-D014,LH-D015,LH-D016,LH-D016S,LH-D018,LH-D019,LH-D020,LH-D021,LH-D022,LH-D023,LH-D024,LH-D025,LH-D025S,LH-D026,LH-D026S,LH-D027,LH-D027S,LH-D028,LH-D029,LH-D030,LH-D031, LH-D032,LH-D033,LH-D034,LH-D035,LH-D036,LH-D020S, LHD019



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Test Report

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Test Result(s):

1. ASTM F963-17 and ASTM F963-23 PHYSICAL & MECHANICAL REQUIREMENTS - AS PER ASTM STANDARD CONSUMER SAFETY SPECIFICATION FOR TOYS SAFETY F963-17 and F963-23

The following clauses are identified to be applicable:

Age grading for testing: 6+

Clause	Test Items	Assessment
		All
4	Safety requirements	
4.1	Material quality	P
4.2	Flammability	P
4.3	Toxicology	
4.3.3.1	Toys in Contact with Food	NA
4.3.5	Heavy Metal	
4.3.5.1	Heavy Elements in Paint/Similar Surface Coating Materials	P
4.3.5.2	Heavy Metal in Substrate Materials(See A.3.1&A.3.2)	P
4.3.7	Stuffing Materials	NA
4.3.8	Phthalates (BBP, DBP, DEHP, DINP, DIBP, DPENP, DHEXP & DCHP)	P
4.4	Electrical/thermal energy	NA
4.5	Sound producing toys	NA
4.6	Small objects	P
4.7	Accessible edges	P
4.8	Projections	NA
4.9	Accessible points	P
4.10	Wires or rods	NA
4.11	Nails and fasteners	P
4.12	Packaging film	P
4.13	Folding mechanisms and hinges	NA
4.14	Cords and elastics in toys	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	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	NA



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Test Report

Report No.: NAP2407029803E

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4.26	Toys intended to be attached to a crib or playpen	NA
4.27	Stuffed and beanbag-type toys	NA
4.28	Stroller 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	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
5	Labeling requirements	P
5.1	Federal Government Requirements	P
5.2	Age Grading Labeling	P
5.3	Safety Labeling Requirements	P
5.3&5.4	Aquatic Toys	NA
5.5&5.3	Crib and Playpen Toys	NA
5.6&5.3	Mobiles	NA
5.7&5.3	Stroller & Carriage Toys	NA
5.8&5.3	Toys Intended to be Assembled by an Adult	NA
5.9&5.3	Simulated Protective Devices	NA
5.10&5.3	Toys with Functional SE or SP (> 4yrs)	NA
5.11	Small Objects, Small Balls, Marbles and Balloons	NA
5.12	Toy Caps (16CFR1500.86)	NA
5.13	Art Materials (16CFR1500.14)(b)(8)	NA
5.15	Battery-Operated Toys (exclude 5.15.1&5.15.2)	NA
5.15.1&5.3	Battery-Powered Ride-on Toys	NA
5.15.2&5.3	Button Or Coin Cell Batteries	NA
5.16	Promotional Materials	NA
5.17&5.3	Magnets Magnetic/electrical experimental sets (> 8yrs)	NA
6	Instructional literature	
6.1	Definition & Description	P
6.2	Crib & Playpen Toys	NA
6.3	Mobiles	NA



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TEL: 0760-86509960 E-mail: service@nap-testing.com

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Test Report

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6.4	Toys Intended to be Assembled by an Adult	NA
6.5.1-2	Battery-Operated Toys	NA
6.6	Battery-Powered Ride-on Toys	NA
6.7	Toys in contact with food	NA
6.8	Toy Chests	NA
7	Producer's markings	
7.1	Producer's Name and Address	P
7.2	Battery-Powered Ride-on Toys	NA
7.3	Toy Chests	NA

Remark:

- P = Pass; NA = Not Applicable; F=Fail
- Clause 4.17 is not within the CNAS approval range.

2. ASTM F963-17 and ASTM F963-23 FLAMMABILITY REQUIREMENTS - AS PER ASTM STANDARD ON SAFETY OF TOYS F963-17 ANNEX A5:

Test Items	Requirement	Sample, in./s
		Black remote control
Flammability	Burning rates should not exceed 0.1 inch per second along the major axis.	DNI
Rating		PASS

- DNI = Did not ignition
- in./s = inch per second
- ISE = Ignited but self-extinguished before burn-rate could be determined
- 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

3. Soluble Migrated Elements [ASTM F963-17 and ASTM F963-23 Section 4.3.5.2 (2)& 8.3]

Test Method: ASTM F963-17 Section 8.3

Elements	Requirement (Max.), mg/kg	Sample, mg/kg				
		001	002	003	004	005
*Sample weight (g)		--	--	--	--	--
Antimony (Sb)	60	<5.0	<5.0	<5.0	<5.0	<5.0
Arsenic (As)	25	<5.0	<5.0	<5.0	<5.0	<5.0
Barium (Ba)	1000	<5.0	<5.0	<5.0	<5.0	<5.0
Cadmium (Cd)	75	<2.0	<2.0	<2.0	<2.0	<2.0
Chromium (Cr)	60	<2.0	<2.0	<2.0	<2.0	<2.0
Lead (Pb)	90	<2.0	<2.0	<2.0	<2.0	<2.0
Mercury (Hg)	60	<2.0	<2.0	<2.0	<2.0	<2.0
Selenium (Se)	500	<5.0	<5.0	<5.0	<5.0	<5.0
Rating		PASS	PASS	PASS	PASS	PASS



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Report No.: NAP2407029803E

Page 6 of 9

Remark:

- All concentrations expressed in milligrams per kilogram and unadjusted unless otherwise stated
- “<” means less than
- Method for determination of each soluble element present: Antimony(Sb), Arsenic(As), Barium(Ba), Cadmium(Cd), Chromium(Cr), Lead(Pb), Mercury(Hg) and Selenium(Se) are determined by Inductively Coupled Plasma Spectroscopy.
- *Sample weight between 0.01g - 0.1g should be reported in according to ASTM F963-17
- ** Test specimen less than 10 mg is not required to test soluble migrated elements according to ASTM F963-17 Section 8.3.3.6 (2).
- The customer selects the testing site, and the chemical testing conclusion only applies to the selected part.

4. Total Lead Content In Substrates [ASTM F963-17 and ASTM F963-23 Section 4.3.5.2 (2)(a)]

Test Method: CPSC-CH-E1001-08.3 (Metal Substrates) / CPSC-CH-E1002-08.3 Section IA & IIA (Non-Metal Substrates)

Elements	Requirement (Max.), mg/kg	Reporting Limit, mg/kg	Sample, mg/kg		
			001+002+005	003	004
Lead (Pb)	100	5	<5	<5	<5
Rating			PASS	PASS	PASS

Remark:

- All concentrations expressed in milligrams per kilogram of Tested Parts
- “<” means less than
- Method for determination of Lead (Pb) is determined by Inductively Coupled Plasma Spectroscopy.
- The customer selects the testing site, and the chemical testing conclusion only applies to the selected part.

5. Total Phthalates Content [ASTM F963-23 Section 4.3.8]

Test Method: Reference to CPSC-CH-C1001-09.4, analyzed by Gas Chromatograph-Mass Spectrometer(GC-MS).

Test Item(s)	Requirement (Max.), %	Reporting Limit, %	Sample, %
			001+002+005
Di(2-Ethylhexyl) phthalate (DEHP)	0.1	0.005	<0.005
Dibutyl phthalate (DBP)	0.1	0.005	<0.005
Butylbenzyl phthalate (BBP)	0.1	0.005	<0.005
Di-isononyl phthalate (DINP)	0.1	0.005	<0.005
Dipentyl Phthalate, (DPENP)	0.1	0.005	<0.005
Di-n-hexyl Phthalate, (DHEXP)	0.1	0.005	<0.005
Dicyclohexyl Phthalate, (DCHP)	0.1	0.005	<0.005
Diisobutyl Phthalate, (DIBP)	0.1	0.005	<0.005
Rating	-	-	PASS

Remark:

- MDL= Method Detection Limit, N.D.=Not Detected(less than MDL). 1 mg/kg = 0.0001%.
- The results shown are the total weight of the sample.
- The customer selects the testing site, and the chemical testing conclusion only applies to the selected part.



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Test Report

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6. Tracking labels for children's products [Consumer Product Safety Improvement Act Of 2008 Section 103]

The following clauses are identified to be applicable:

Section	Test Items	Assessment
103	TRACKING LABELS FOR CHILDREN'S PRODUCTS	
	a) IN GENERAL	P
	b) LABEL INFORMATION	P
	c) ADVERTISING, LABELING, AND PACKAGING REPRESENTATION	P
	d) REQUIREMENT FOR ADVERTISEMENTS	P

Remark:

- P = Pass; NA = Not Applicable; F=Fail

Test Material(s) List:

- (001) Black transparent plastic (USB) cable
- (002) Black plastic shell
- (003) Black plastic wire sheath (USB) cable
- (004) Colored textile fabric
- (005) Black soft plastic tire

Photograph of Sample(s):



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CNAS L4783

Test Report

Report No.: NAP2407029804E

Page 1 of 5

Applicant: Shantou Chenghai Lihuang Plastic Toys Co., Ltd

Address: CHENGHAI DISTRICT, SHANTOU CITY, GUANGDONG PROVINCE, CHINA

The following test sample information is provided and confirmed by the applicant:

Sample Name: DINOSAUR SERIES

Item No.: LH-D001-1, LH-D001-2, LH-D001-3, LH-D001S-1, LH-D001S-2, LH-D001S-3, LH-D002-1, LH-D002-2, LH-D002-3, LH-D002S-1, LH-D002S-2, LH-D002S-3, LH-D003, LH-D004, LH-D005-1, LH-D005-2, LH-D005-3, LH-D005S-1, LH-D005S-2, LH-D005S-3, LH-D006-1, LH-D006-2, LH-D006-3, LH-D006S-1, LH-D006S-2, LH-D006S-3, LH-D008, LH-D008S, LH-D009, LH-D009S, LH-D010, LH-D011, LH-D0011S, LH-D012, LH-D012S, LH-D013, LH-D014, LH-D015, LH-D016, LH-D016S, LH-D018, LH-D019, LH-D020, LH-D021, LH-D022, LH-D023, LH-D024, LH-D025, LH-D025S, LH-D026, LH-D026S, LH-D027, LH-D027S, LH-D028, LH-D029, LH-D030, LH-D031, LH-D032, LH-D033, LH-D034, LH-D035, LH-D036, LH-D020S, LHD019

Date of sample(s) received: Jul.10,2024

Date of Test Period: Jul.10,2024~ Jul.12,2024

Date of Report: Jul.12,2024

TEST REQUESTED

1. As specified by client, to determine the Total Lead Content in Substrates [Consumer Product Safety Improvement Act Of 2008 Section 101] in submitted samples.
2. As specified by client, to determine the Total Phthalates in children's toys and childcare articles [Consumer Product Safety Improvement Act Of 2008 (CPSIA)-16 CFR 1307] in submitted samples
3. As specified by client, to determine the Total Lead Content In Paints And Surface Coatings [Consumer Product Safety Improvement Act Of 2008 Section 101] in submitted samples.

CONCLUSION

PASS

PASS

Not Applicable

NAP Testing Technology Service (Zhongshan) Co., LTD

Lian Yi

Lian Yi

Authorized Signatory



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Test Report

Report No.: NAP2407029804E

Page 2 of 5

Test Result(s):

1. Total Lead Content In Substrates [Consumer Product Safety Improvement Act Of 2008 Section 101]

Test Method: CPSC-CH-E1001-08.3 (Metal Substrates) / CPSC-CH-E1002-08.3 Section IA & IIA (Non-Metal Substrates)

Elements	Requirement (Max.), mg/kg	Reporting Limit, mg/kg	Sample, mg/kg		
			001+002+005	003	004
Lead (Pb)	100	5	<5	<5	<5
Rating			PASS	PASS	PASS

Remark:

- All concentrations expressed in milligrams per kilogram of Tested Parts
- “<” means less than
- Method for determination of Lead (Pb) is determined by Inductively Coupled Plasma Spectroscopy.
- The customer selects the testing site, and the chemical testing conclusion only applies to the selected part.

2. Total Phthalates in children's toys and childcare articles [Consumer Product Safety Improvement Act Of 2008 Section(CPSIA)-16 CFR 1307]

Test Method: Reference to CPSC-CH-C1001-09.4, analyzed by Gas Chromatograph-Mass Spectrometer(GC-MS).

Test Item(s)	Requirement (Max.), %	Reporting Limit, %	Sample, %
			001+002+005
Di(2-Ethylhexyl) phthalate (DEHP)	0.1	0.005	<0.005
Dibutyl phthalate (DBP)	0.1	0.005	<0.005
Butylbenzyl phthalate (BBP)	0.1	0.005	<0.005
Di-isononyl phthalate (DINP)	0.1	0.005	<0.005
Dipentyl Phthalate, (DPENP)	0.1	0.005	<0.005
Di-n-hexyl Phthalate, (DHEXP)	0.1	0.005	<0.005
Dicyclohexyl Phthalate, (DCHP)	0.1	0.005	<0.005
Diisobutyl Phthalate, (DIBP)	0.1	0.005	<0.005
Rating	-	-	PASS

Remark:

- MDL= Method Detection Limit, N.D.=Not Detected(less than MDL). 1 mg/kg = 0.0001%.
- The results shown are the total weight of the sample.
- The customer selects the testing site, and the chemical testing conclusion only applies to the selected part.

Test Material(s) List:

- (001) Black transparent plastic (USB) cable
- (002) Black plastic shell
- (003) Black plastic wire sheath (USB) cable
- (004) Colored textile fabric
- (005) Black soft plastic tire



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Photograph of Sample(s):



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Test Report

Report No.: NAP2407029805E

Page 1 of 5

Applicant: Shantou Chenghai Lihuang Plastic Toys Co., Ltd

Address: CHENGHAI DISTRICT, SHANTOU CITY, GUANGDONG PROVINCE, CHINA

The following test sample information is provided and confirmed by the applicant:

Sample Name: DINOSAUR SERIES

Item No.: LH-D001-1, LH-D001-2, LH-D001-3, LH-D001S-1, LH-D001S-2, LH-D001S-3, LH-D002-1, LH-D002-2, LH-D002-3, LH-D002S-1, LH-D002S-2, LH-D002S-3, LH-D003, LH-D004, LH-D005-1, LH-D005-2, LH-D005-3, LH-D005S-1, LH-D005S-2, LH-D005S-3, LH-D006-1, LH-D006-2, LH-D006-3, LH-D006S-1, LH-D006S-2, LH-D006S-3, LH-D008, LH-D008S, LH-D009, LH-D009S, LH-D010, LH-D011, LH-D011S, LH-D012, LH-D012S, LH-D013, LH-D014, LH-D015, LH-D016, LH-D016S, LH-D018, LH-D019, LH-D020, LH-D021, LH-D022, LH-D023, LH-D024, LH-D025, LH-D025S, LH-D026, LH-D026S, LH-D027, LH-D027S, LH-D028, LH-D029, LH-D030, LH-D031, LH-D032, LH-D033, LH-D034, LH-D035, LH-D036, LH-D020S, LHD019

Date of sample(s) received: Jul.10,2024

Date of Test Period: Jul.10,2024~ Jul.12,2024

Date of Report: Jul.12,2024

TEST REQUIREMENT

1. As specified in title 16, code of federal regulations, chapter II - consumer products safety commission of U.S.A.
2. Consumer Product Safety Commission 16 CFR Ch.II Part 1303 – Ban of Lead in paint and similar surface coating.

CONCLUSION

PASS

Not Applicable

NAP Testing Technology Service (Zhongshan) Co., LTD

Lian Yi

Lian Yi

Authorized Signatory



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Test Report

Report No.: NAP2407029805E

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Test Result(s):

1. As specified in title 16, code of federal regulations, chapter II - consumer products safety commission of U.S.A.

Applicable Section	Description	Result
16 CFR 1500.50.51.52.53	Normal use testing	P
	Abuse testing	
	Impact test	P
	Bite test	NA
	Flexure test	NA
	Torque test	P
	Tension test	P
	Compression test	P
16 CFR 1501	Identifying 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.	P
16 CFR 1500.48	Technical requirements for determining a sharp point in toys and other articles intended for use by children under 8 years of age	P
16 CFR 1500.49	Technical requirements for determining a sharp metal or glass edge in toys and other articles intended for use by children under 8 years of age.	P
Remark: - P = Pass; NA = Not Applicable; F=Fail - This test item is not within the CNAS approval range.		



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VERIFICATION OF CONFORMITY

Verification No.: NAP24070298C01E
Applicant: Shantou Chenghai Lihuang Plastic Toys Co., Ltd
Address: CHENGHAI DISTRICT, SHANTOU CITY, GUANGDONG PROVINCE, CHINA
Product: DINOSAUR SERIES
Item No.: Please see next page
Applicable age: 6+
Test Report No.: NAP2407029801E
Test Standards: EN71-1:2014+A1:2018
EN71-2:2020
EN71-3:2019+A1:2021
Issuance date: Jul.15,2024

The EUT described above has been tested by us with the listed standards and found in compliance with the council TOYS Directive 2009/48/EC & 2012/7/EU. It is possible to use CE marking to demonstrate the compliance with this TOYS Directive.

Remark(s):

1. This verification is based on the submitted sample(s). It does not imply an assessment of the whole production and other relevant directives have to be observed;
2. This verification is part of the full test report(s) and should be used in conjunction with it.



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Lian Yi

Authorized Signatory



Item No.: LH-D001-1,LH-D001-2,LH-D001-3,LH-D001S-1,LH-D001S-2,LH-D001S-3,LH-D002-1,LH-D002-2,LH-D002-3,LH-D002S-1,LH-D002S-2,LH-D002S-3,LH-D003,LH-D004,LH-D005-1,LH-D005-2,LH-D005-3,LH-D005S-1,LH-D005S-2,LH-D005S-3,LH-D006-1,LH-D006-2,LH-D006-3,LH-D006S-1,LH-D006S-2,LH-D006S-3,LH-D008,LH-D008S,LH-D009,LH-D009S,LH-D010,LH-D011,LH-D0011S,LH-D012,LH-D012S,LH-D013,LH-D014,LH-D015,LH-D016,LH-D016S,LH-D018,LH-D019,LH-D020,LH-D021,LH-D022,LH-D023,LH-D024,LH-D025,LH-D025S,LH-D026,LH-D026S,LH-D027,LH-D027S,LH-D028,LH-D029,LH-D030,LH-D031, LH-D032,LH-D033,LH-D034,LH-D035, LH-D036,LH-D020S, LHD019

***** End *****



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TESTING
CNAS L5950



Test Report

No.:SPF240310055

Date: Jul. 15, 2024

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Shantou Chenghai Lihuang Plastic Toys Co., Ltd
CHENGHAI DISTRICT, SHANTOU CITY, GUANGDONG PROVINCE, CHINA

The following samples were submitted and identified by/on behalf of client as:

Name of product/item: DINOSAUR SERIES

Item No.: LH-D001-1, LH-D001-2, LH-D001-3, LH-D001S-1, LH-D001S-2, LH-D001S-3, LH-D002-1, LH-D002-2, LH-D002-3, LH-D002S-1, LH-D002S-2, LH-D002S-3, LH-D003, LH-D004, LH-D005-1, LH-D005-2, LH-D005-3, LH-D005S-1, LH-D005S-2, LH-D005S-3, LH-D006-1, LH-D006-2, LH-D006-3, LH-D006S-1, LH-D006S-2, LH-D006S-3, LH-D008, LH-D008S, LH-D009, LH-D009S, LH-D010, LH-D011, LH-D0011S, LH-D012, LH-D012S, LH-D013, LH-D014, LH-D015, LH-D016, LH-D016S, LH-D018, LH-D019, LH-D020, LH-D021, LH-D022, LH-D023, LH-D024, LH-D025, LH-D025S, LH-D026, LH-D026S, LH-D027, LH-D027S, LH-D028, LH-D029, LH-D030, LH-D031, LH-D032, LH-D033, LH-D034, LH-D035, LH-D036, LH-D020S, LHD019

Requested age grading: 6+

Age group applied in testing: 6+

Sample received date: Jul. 10, 2024

Testing period: From Jul. 10, 2024 to Jul. 13, 2024

Test conclusion:

Summary

Electric toys - safety EN IEC 62115: 2020 + A11:2020

Result

Pass

Tested by :

Huang YingLin, Alyna

Inspected by :

Zhang WenXia, Wendy

Approved by :

Zhang Feng, Jee
Lab Manager



The test report is not valid without the stamp of testing institute or the special stamp of testing report. Copy of the report is invalid without the additional above mentioned stamp. The test report is not valid without the signatures or seals of the testing, reviewing and approving person. The test report is invalid if scribbled or altered. Any dispute of the test is received, exceeding which the testing body within 15 days after the test report is received, exceeding which the dispute will not be accepted. The result of the commission test is only referring to the sample(s) accepted. This report is forbidden to partly duplicate without the permission of our unit. Shantou Perfect Testing Technology Group Co., Ltd.

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Test Report

No.:SPF240310055

Date: Jul. 15, 2024

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1. Electrical properties:

Rating : 1 × 7.4V 1200mAh Li-ion battery for Dinosaur and 2 × 1.5V “AA” size batteries for Controller.

Packaging : Printed box.

Section	Description	Assessment	Note
1	Scope	--	
2	Normative references	--	
3	Terms and definitions	--	
4	General requirement	--	
5	General conditions for the tests	--	
6	Criteria for reduced testing	--	(1)
7	Marking and instructions	P	(2)
8	Power input	NA	
9	Heating and abnormal operation	P	
10	Electric strength	P	
11	Electric toys used in water, electric toys used with liquid and electric toys cleaned with liquid	NA	
12	Mechanical strength	P	
13	Construction	P	
14	Protection of cords and wires	P	
15	Components	P	(3)
16	Screws and connections	P	
17	Clearances and creepage distances	P	
18	Resistance to heat and fire	P	
19	Radiation and similar hazards	--	(4)
	Emission from electric toys incorporating lasers and or light emitting diodes or UV emitting lamps	P	
	Modulated accessible emission	NA	
	Toys with an integrated field source shall comply with Annex I	NA	(5)

Note:

P = Pass; NA = Not applicable; NC = Not conducted; F=Fail.

(1) The unit is not under the exemption conditions stated in this clause.

(2) According to the standard, instruction and other texts required by the standard should be written in the official language(s) of the country in which the product is to be sold.

(3) Applicant needs to ensure that Components used in toys comply with the safety requirements specified in the relevant IEC standards as far as they reasonably apply.

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(4) It is the manufacturer's responsibility to ensure the toy does not emit harmful radiation or present a toxic or similar hazard due to their operation in normal use.

(5) The submitted sample did not incorporate part which consuming a current more than 3A.

Details of test results:

Clause 9	Heating and abnormal operation		
9.2	During normal and abnormal operation, the unit (Controller) was freely suspended during normal and abnormal operation. The unit (Dinosaur) was placed on the floor of a test corner as near to the walls as possible or away from the walls, whichever is more unfavourable, it was covered with four layers of bleached cotton gauze having dimensions of 500 mm x 500 mm and a specific mass of $40 \text{ g/m}^2 \pm 8 \text{ g/m}^2$.		
9.3-9.8	The unit was operated $1 \times 7.4\text{V } 1200\text{mAh}$ Li-ion battery for Dinosaur and $2 \times 1.5\text{V "AA"}$ size batteries for Controller until steady conditions were established. The maximum temperature rises were recorded as follows:		
	Ambient temperature($^{\circ}\text{C}$): 23.4		
	Location	Temperature Rise(K)	Limit(K)
	Battery surface	16.1	45
	Battery compartment cover surface	8.1	50
	Enclosure (Motor)	12.4	50
	Battery surface (Controller)	6.3	45
	Battery compartment cover surface (Controller)	2.7	50
	Enclosure (LED) (Controller)	3.0	50

2. Optical Radiation:

As per EN IEC 62115:2020+A11:2020 Annex E Safety of electric toys incorporating optical radiation sources

Details of test results:

Clause 19.2	Emission from electric toys incorporating lasers and or light emitting diodes or UV emitting lamps					
Part under test	Measured wavelength	Spectral emission bandwidth	Measured distance	Measured radiant intensity	Limit	Result
Red LED	623.9 nm	13.2 nm	200 mm	0.0001 W/sr	0.760 W/sr	Pass

Note: The test items and samples were specified by the client.

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Internal photo(s):



Reference photo(s):



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End of Report

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