

Test Report

No.: 68.452.22.2371.01B

Date: 2022-08-19



Greater China

Applicant: BTL Diffusion
Address: 16, rue Anatole Moussu - ZA Méré Nord Est
78490 Méré, France
Sample Description: Twilight Buddies - Winged Unicorn
Style No. / Name / Design No.: 7473-WUN
Country of Origin: CHINA
Receipt Date of Sample: 2022-08-08
Date of Testing: From 2022-08-08 to 2022-08-18
Sample Submitted: The sample(s) was (were) submitted by applicant and identified.
Test Result: Refer to the data listed in following pages

Test Item	Conclusion
1. EN 71-1:2014+A1:2018 Mechanical and Physical Properties	Pass
2. EN 71-2:2020 Flammability	Pass
3. EN IEC 62115:2020+A11:2020 Electric toys - safety	Pass
4. BS EN 71-1:2014+A1:2018 Mechanical and Physical Properties	Pass
5. BS EN 71-2:2020 Flammability	Pass
6. ASTM F963-17 Standard Consumer Safety Specification for Toy Safety - Physical and Mechanical	Pass
7. ASTM F963-17 Standard Consumer Safety Specification for Toy Safety - Flammability Test of Materials Other Than Textile Materials	Pass
8. ASTM F963-17 Standard Consumer Safety Specification for Toy Safety - Section 4.25.1 ~ 4.25.9 Battery-Operated Toys	Pass
9. AS/NZS ISO 8124.1:2019+AMD1:2020+AMD2:2020 Safety of toys - Part 1: Safety aspects related to mechanical and physical properties - AMENDMENT 1: Flying toys - AMENDMENT 2: Various	Pass
10. AS/NZS 8124.2:2016 Flammability	Pass
11. AS/NZS 62115: 2018 Electric toys – safety (Excluding Clause 19)	Pass

Remarks: 1. MDL = Method Detection Limit
2. ND = Not Detected (<MDL)
3. ≤ Less than
4. 1 mg/kg = 1 ppm = 0.0001%
5. NA=Not Applicable
6. The test items were specified by the client.

Laboratory:
TÜV SÜD Certification and Testing (China) Co., Ltd.
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TÜV SÜD Certification and Testing (China) Co., Ltd. Shenzhen Branch
Testing Center

Prepared by:

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Note:


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- (2) The results relate only to the Items tested.
- (3) The test report shall not be reproduced except in full without the written approval of the laboratory
- (4) If relevant standards do not specify decision rule(s), follow decision rule as below:
 - "Pass" means that the measured result is within the limits, even when extended by expanded uncertainty at a level of confidence of 95%.
 - "Fail" means that the measured result is beyond the limit, even when extended by expanded uncertainty at a level of confidence of 95%.

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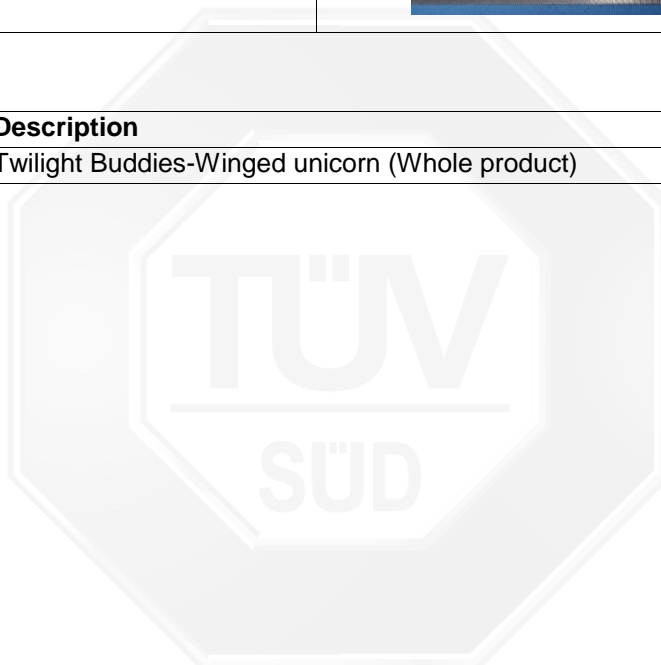
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Guangdong, China

Description of Tested Subject:

Sample	Description	Photo
004	Twilight Buddies-Winged unicorn (Whole product)	

T. No	Sample	Description
T1	004	Twilight Buddies-Winged unicorn (Whole product)



Test Result(s):

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

Sample	004
Labelled age range	0+
Requested age range	0+
Age range in testing	All ages
Age Group Assessed As per Age Guideline	All ages

Clause	Requirement	Evaluation
4	General Requirements	--
4.1	Material cleanliness	P
4.7	Edges	P
4.8	Points and metallic wires	P
5	Toys intended for children under 36 months	--
5.1	General requirements	P
5.2	Soft-filled toys and soft-filled parts of a toy	P
7	Warnings, markings and instructions for use ^{#1}	--
7.1	General	P

Abbreviation:

P = Pass, F = Fail, NA = Not Applicable, NR = Not Requested.

Note:

Only applicable clauses were shown.

Remark:

^{#1}= Labelling requirement (CE marking, Importer/Manufacturer name and address, Product identification) according to the Directive 2009/48/EC-Safety of toys.

The following marking shall be fulfilled.

- The CE marking is subject to the general principles set out in Article 30 of Regulation (EC) No 765/2008. The CE marking shall be affixed visibly, legibly and indelibly to the toy, to an affixed label to the packaging, or to the counter display.
- The manufacturer's name and address, importer's name and address in the EU shall be indicated on the toy or, where that is not possible, on its packaging or in a document accompanying the toy.
- The toys shall 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.

2. EN 71-2:2020 Flammability

Sample	004
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Clause	Requirement	Evaluation
4.1	General Requirement	P
4.5	Soft-filled toys	P

Abbreviation:

P = Pass, F = Fail, NA = Not Applicable, NR = Not Requested.

Note:

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Only applicable clauses were shown.

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

Sample	004
Labelled age range	0+
Requested age range	0+
Age range in testing	All ages
Age Group Assessed As per Age Guideline	All ages

Clause	Requirement	Evaluation
7	Marking and Instructions ^{#1}	P
9	Heating and abnormal operation	P
10	Electric strength	P
12	Mechanical strength	P
13	Construction	P
14	Protection of cord and wires	P
15	Components	P
16	Screws and connections	P
17	Creepage distances and clearances	P
18	Resistance to heat and fire	P
19	Radiation and similar hazards	P ^{#2}

Abbreviation:

P = Pass, F = Fail, NA = Not Applicable, NR = Not Requested.

Note:

- Only applicable clauses were shown.

Remark:

^{#1}= Only the English version of the marking was assessed. According to the standard, instruction sheets and other texts required by the standard shall be written in the official language of the country in which the product is to be sold.

^{#2}=Visible Accessible Emission Assessment:

Yellow:

Measurement distance 200mm

Hazard	Wavelength Range	Hazard Weighting Function	AEL	Measured Value	Result
Visible light AEL (Children 3 years or younger)	400 ≤ λ < 780 nm	A(λ)	1 W·m ⁻²	0.000462 W·m ⁻²	Pass
Visible light AEL (Children older than 3 years)	400 ≤ λ < 780 nm	B(λ)	1 W·m ⁻²	0.000387 W·m ⁻²	Pass

Blue:

Measurement distance 200mm

Hazard	Wavelength Range	Hazard Weighting Function	AEL	Measured Value	Result
Visible light AEL (Children 3 years or younger)	400 ≤ λ < 780 nm	A(λ)	1 W·m ⁻²	0.000583 W·m ⁻²	Pass

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Visible light AEL (Children older than 3 years)	400 ≤ λ < 780 nm	B(λ)	1 W·m ⁻²	0.000516 W·m ⁻²	Pass
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Green:

Measurement distance 200mm

Hazard	Wavelength Range	Hazard Weighting Function	AEL	Measured Value	Result
Visible light AEL (Children 3 years or younger)	400 ≤ λ < 780 nm	A(λ)	1 W·m ⁻²	0.000511 W·m ⁻²	Pass
Visible light AEL (Children older than 3 years)	400 ≤ λ < 780 nm	B(λ)	1 W·m ⁻²	0.000492 W·m ⁻²	Pass

4. BS EN 71-1:2014+A1:2018 Mechanical and Physical Properties

Sample	004
Labelled age range	0+
Requested age range	0+
Age range in testing	All ages
Age Group Assessed As per Age Guideline	All ages

Clause	Requirement	Evaluation
4	General Requirements	--
4.1	Material cleanliness	P
4.7	Edges	P
4.8	Points and metallic wires	P
5	Toys intended for children under 36 months	--
5.1	General requirements	P
5.2	Soft-filled toys and soft-filled parts of a toy	P
7	Warnings, markings and instructions for use ^{#1}	--
7.1	General	P

Abbreviation:

P = Pass, F = Fail, NA = Not Applicable, NR = Not Requested.

Note:

Only applicable clauses were shown.

Remark:

^{#1}= Labelling requirement (UKCA mark, Importer/Manufacturer name and address, Product identification) according to the UK Toys (Safety) Regulations 2011 No. 1881.

The following marking shall be fulfilled.

- The UKCA marking shall be affixed visibly, legibly and indelibly to the toy, to an affixed label or to the packaging, in counter display which shall be subject to the general principles set out in Toys (Safety) Regulations 2011, as amended by the Product Safety and Metrology etc. (Amendment etc.) (EU Exit) Regulations.
- The manufacturer's name and address, importer's name and address in UK shall be indicated on the toy or, where that is not possible, on its packaging or in a document accompanying the toy.
- The 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.

Note: The UKCA marking came into effect on 1 January 2021. However, to allow businesses time to adjust to the



new requirements, the CE marking could still be used until 1 January 2023 in most cases.

5. BS EN 71-2:2020 Flammability

Sample		004
Clause	Requirement	Evaluation
4.1	General Requirement	P
4.5	Soft-filled toys	P

Abbreviation:

P = Pass, F = Fail, NA = Not Applicable, NR = Not Requested.

Note:

Only applicable clauses were shown.

6. ASTM F963-17 Standard Consumer Safety Specification for Toy Safety - Physical and Mechanical

Sample	004
Labelled age range	0+
Requested age range	0+
Age range in testing	All ages
Age Group Assessed As per Age Guideline	All ages

Clause	Requirement	Evaluation
4	Safety Requirements	--
4.1	Material quality	P
4.3.7	Stuffing materials	P
4.6	Small Objects	P
4.7	Accessible Edges	P
4.9	Accessible Points	P
4.11	Nails and Fasteners	P
4.25	Battery-Operated toys	P
4.27	Stuffed and Beanbag-Type Toys	P
5	Labeling Requirements	--
5.2	Age Grading Labeling	P
5.15	Battery-Operated Toys	P
5.16	Promotional Materials	P
6	Instructional Literature	--
6.1	Definition and Description	P
6.5	Battery-Operated Toys	P
7	Producer's Markings	--
7.1	Name and Address of the Producer or Distributor	P

Abbreviation:

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Note:

Only applicable sections were shown.

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7. ASTM F963-17 Standard Consumer Safety Specification for Toy Safety - Flammability Test of Materials Other Than Textile Materials

As per Section 4.2 of ASTM F963-17 Standard Consumer Safety Specification for Toy Safety

Sample: 004

Result: Average burn rate < 0.1 inch/sec.

8. ASTM F963-17 Standard Consumer Safety Specification for Toy Safety - Section 4.25.1 ~ 4.25.9 Battery-Operated Toys

Sample	004
Labelled age range	0+
Requested age range	0+
Age range in testing	All ages
Age Group Assessed As per Age Guideline	All ages

Clause	Requirement	Evaluation
4.25	Battery-Operated Toys	
4.25.1	Battery Polarity, Battery Size, Battery Voltage	P
4.25.2	DC Potential between two accessible electrical point	P
4.25.3	Not possible to charge any non-recharge battery	P
4.25.4	All batteries shall not be accessible before and after testing for toys for children under 3 years	P
4.25.7	The surface of batteries shall not achieve temperatures exceeding 71°C	P
4.25.8	Toys should not fail the temperature requirements of 4.25.7 or present a combustion hazard.	P
4.25.9	Toys shall meet the requirements of 6.5 for instructions on safe battery usage.	P

Abbreviation:

P = Pass, F = Fail, NA = Not Applicable, NR = Not Requested.

Note:

- Only applicable clauses were shown.

9. AS/NZS ISO 8124.1:2019+AMD1:2020+AMD2:2020 Safety of toys - Part 1: Safety aspects related to mechanical and physical properties - AMENDMENT 1: Flying toys - AMENDMENT 2: Various

Sample	004
Labelled age range	0+
Requested age range	0+
Age range in testing	All ages
Age Group Assessed As per Age Guideline	All ages

Clause	Requirement	Evaluation
4	Requirements	--



Clause	Requirement	Evaluation
4.1	Normal use	P
4.2	Reasonably foreseeable abuse	P
4.3	Materials	P
4.4	Small Parts	P
4.6	Edges	P
4.7	Points	P
Annex	B Safety-labelling guidelines and manufacturer's markings	--
B.2	Safety-labelling guidelines	--
B.2.2	Age grading	P
B.3	Instructional literature	--
B.3.1	Information and instructions	P
B.4	Manufacturer's marking	P

Abbreviation:

P = Pass, F = Fail, NA = Not Applicable, NR = Not Requested.

Note:

Only applicable clauses were shown.

10. AS/NZS 8124.2:2016 Flammability

Sample		004
Clause	Requirement	Evaluation
4.1	General requirements	P
4.5	Soft-filled toys	P

Abbreviation:

P = Pass, F = Fail, NA = Not Applicable, NR = Not Requested.

Note:

Only applicable clauses were shown.

11. AS/NZS 62115: 2018 Electric toys – safety (Excluding Clause 19)

Sample		004
Labelled age range		0+
Requested age range		0+
Age range in testing		All ages
Age Group Assessed As per Age Guideline		All ages

Clause	Requirement	Evaluation
7	Marking and Instructions#1	P
9	Heating and abnormal operation	P
10	Electric strength	P
12	Mechanical strength	P
13	Construction	P
14	Protection of cord and wires	P

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Clause	Requirement	Evaluation
15	Components	P
16	Screws and connections	P
17	Creepage distances and clearances	P
18	Resistance to heat and fire	P
19	Radiation and similar hazards	NR

Abbreviation:

P = Pass, F = Fail, NA = Not Applicable, NR = Not Requested.

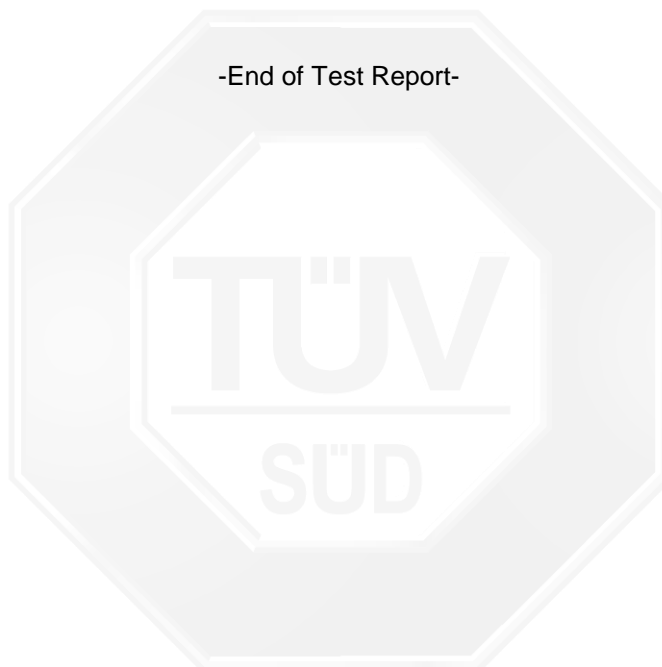
Note:

- Only applicable clauses were shown.

Remark:

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-End of Test Report-



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