

00061 Regenbogen Wurfsack

EN 71 -1/-2/-3





# GWSTC Test Report

Date: 2018-02-11

Page 1 of 8

NO: GP165888

APPLICANT: (Code: JAT001)

## DESCRIPTION OF SAMPLE(S):

One (1) style, three (3) sets of submitted sample (photo attached at Appendix A) said to be:  
HAPPY CHEERLEADERS SPORTS SERIES

ITEM NO.: 533, 5803, 5803C, 5803A, 5803-2, 5805, 5806, 5363-1, 5363-2, 5818, 5818-2, 5885, 5885-1, 5885-2, 5885-3, 5885-4, 5885-5, 5885A, 5895, 5899, 5185, 5819-1, 5819, 5817, 5803-3, 5806-2, 5824, 5825, 5826, 5827, 5828, 5829, 5830, 5820, 5821, 5822, 5823, 5831, 5832, 5833, 5834, 5835, 5836, 5837, 5838, 5839, 5840, 3538-80, 3538, 3520, 3886A, 3886B, 3866A, 3866B, 3885A, 3885B, 3885C, 3389, 3389A, 3389B, 3888, 38883, 9566B, 398-15D, 3866B-15, 3895-15, 3988A-1, 3988A-2, 3988B-1, 3988B-2, 3885D, P3988, P3988-5, 3886DP, 3886B-2, P3886-2, 3896, P3886, P3897, P3886-5, P3895, D3895, D3895-2, P3895-3, P3887, 3898, 3884, P9566, P3866, 3388, P3897-4, 3766-15, 3988B-3, 3885D, 3886B-3, 3889, 3889A, 3889-1, 3889-2, 3889-3, 337, 338, 339, 350, 351, 353, 353-1, 353-19, 353C, 354, 354-1, 354C, 355P, 354P, 363, 363-2, 385-1, 388, 389, D385, D399, D366, P399, 356, 357, 358, 359, 360, 361, 362, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 881, 882, 883, 884, 885, 886, 887, 888, 889, 885-1, 885-2, 817, 80, 80-2, 73-2, 827-1, 837-1, 857-1, 826, 826-1, 826-2, 826-3, 826-4, 826-5, 856-1, 856-2, 886-1, 816-1, 816, 866-1, 810, 811, 812, 813, 814, 814-B, 814-Z, 815, 818, 819, 820, 813-2, 160, 161, 162, 163, 164, 165, 221, 222, 223, 223-2, 224-S, 224-2, 225, 226, 227, 227-2, 228, 228A, 229, 229A, 001, 002, 003, 004, 005, 005P, 005D, 005D-2, 006, 007, 008, 009, 0366B, 095, 096, 01, 02, 03, 04, 05, 06, 07, 08, 09, 010, 011, 012, 013, 014, 015, 016, 017, 018, 019, 020, 021, 022, 023, 4634, 4635A, 4635B, 4636, 4637, 4638, 4639, 4640, 4641, 4642, 4643, 4644, 4645, 4646, 4647, 4648, 4649, 4650, 3539, 3039, 3038, 3055, 3056, 3057

## CONCLUSION:

### EN71:Part 1:2014

The submitted sample complied with the requirement.

### EN71:Part 2:2011+A1:2014

The submitted sample complied with the requirement.

### EN71:Part 3:2013+A2:2017

The selected materials complied with the requirement.

Approved Signatory

Feng Jun Guo

Asst. General Manager

Chen Gui Cai

Lab. Manager

### **Guangzhou Worldwide Standards and Testing Company Limited**

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## GWSTC Test Report

Date: 2018-02-11

Page 2 of 8

NO: GP165888

**DATE OF SAMPLE(S) RECEIVED:**

2018-02-07, 2018-02-10

**INVESTIGATION REQUESTED:**

European Standard for Safety of toys

- EN71:Part 1:2014 for mechanical and physical properties test
- EN71:Part 2:2011+A1:2014 for flammability test
- EN71:Part 3:2013+A2:2017 for migration of certain elements (only test selected materials)

**DATE TESTED:**

EN71

Part 1 & 2: 2018-02-07 to 2018-02-09, 2018-02-11

Part 3: 2018-02-07 to 2018-02-09

**AGE GRADING:**

The sample was appropriately age graded with the marking of 'Small parts and small balls. Not for Children under 3 years'. The applicant also requested it be tested according to the age grade of 3 years and up.

**AGE GRADING FOR TESTING:**

3 years and up

**TEST RESULTS:**

(1) EN71:Part 1:2014 - Mechanical and physical properties

<u>Applicable Clause</u>	<u>Description</u>	<u>Result</u>
4	<u>General requirements</u>	----
4.1	Material	Pass
4.7	Edges	Pass
4.8	Points and metallic wires	Pass
4.10	<u>Parts moving against each other</u>	----
4.10.4	Springs	Pass
4.11	Mouth-actuated toys and other toys intended to be put in the mouth	Pass

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## GWSTC Test Report

Date: 2018-02-11

Page 3 of 8

NO: GP165888

Applicable

<u>Clause</u>	<u>Description</u>	<u>Result</u>
4.14	<u>Enclosures</u>	----
4.14.2	Masks and helmets	Pass
4.20	Acoustics	Pass
4.22	Small balls	Pass
7	<u>Warning, marking and instructions for use</u>	----
7.1	General	Pass
7.2	Toys not intended for children under 36 months The following warning was in English on the packaging: 'WARNING: CHOKING HAZARD - Small parts. Not for children under 3 years'.	Pass* <sup>1</sup>

\*<sup>1</sup> = The standard states that warning and instructions for use should be given in the national language of the country where the toy is sold. The warning appeared on the toy and packaging was in English.

Markings and instructions for use:

Item	Observation Result
CE marking	Present
The manufacturer's or importer's name, registered trade name or registered trade mark and the address	Present
Product ID	Present
Cleaning and washing instruction	NA
Instructions and safety information	Present

- Remark: 1. Toys made available on the market shall bear the CE marking.  
The CE marking shall be affixed visibly, legibly and indelibly.  
The CE marking shall be at least 5 mm high.
2. The manufacturer's or importer's name, registered trade name or registered trade mark and the address at which the manufacturer can be contacted shall be indicated on the toy or, where that is not possible, on its packaging or in a document accompanying the toy.
3. 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.

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## GWSTC Test Report

**Date: 2018-02-11**

**Page 4 of 8**

**NO: GP165888**

4. A toy intended for use by children under 36 months must be designed and manufactured in such a way that it can be cleaned. A textile toy must, to this end, be washable, except if it contains a mechanism that may be damaged if soak washed. The manufacturer should, if applicable, provide instructions on how the toy has to be cleaned.
5. Manufacturers and importers shall ensure that the toy is accompanied by instructions and safety information in a language or languages easily understood by consumers, as determined by the Member State concerned. The safety information was found in English language, with the submitted sample.
6. The information is not exhaustive and Directive 2009/48/EC and the associated guidance documents should be consulted for further details.

(2) EN71:Part 2:2011+A1:2014 – Flammability

Applicable

<u>Clause</u>	<u>Description</u>	<u>Result</u>
4.1	General	Pass
4.2	Toys to be worn on the head	----
4.2.1	General	----
4.2.3	Beards, moustaches, wigs etc., made from hair, pile or material with similar features (e.g. freehanging ribbons, paper, cloth strands or other flowing elements), which protrude less than 50mm from the surface of the toy	Pass

- (3) EN71:Part 3:2013+A2:2017 - Migration of certain elements (Category III: Scraped-off materials)  
 Determined by: Inductively Coupled Plasma-Mass Spectrometer /  
 Gas Chromatograph-Mass Spectrometer/  
 Liquid Chromatograph-Inductively Coupled Plasma-Mass Spectrometer

Plastic materials

- (a) Transparent soft plastic with purple coating
- (b) Transparent soft plastic with silver coating
- (c) Transparent soft plastic with red coating
- (d) Purple hard plastic
- (e) Transparent hard plastic
- (f) Pink plastic
- (g) Blue hard plastic
- (h) Transparent soft plastic with blue coating
- (i) Green hard plastic

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## GWSTC Test Report

Date: 2018-02-11

Page 5 of 8

NO: GP165888

Textile materials

- (j) Yellow coloured ribbon
- (k) Red fabric
- (l) Purple rope
- (m) Pink coloured ribbon
- (n) Orange rope
- (o) Blue fabric

Elements	Result(mg/kg)			Limit(mg/kg)
	(a)	(b)	(c)	
Soluble cadmium	ND	ND	ND	17
Soluble arsenic	ND	ND	ND	47
Soluble mercury	ND	ND	ND	94
Soluble antimony	ND	ND	ND	560
Soluble boron	ND	ND	ND	15000
Soluble lead	ND	ND	ND	160
Soluble cobalt	ND	ND	ND	130
Soluble selenium	ND	ND	ND	460
Soluble manganese	ND	ND	ND	15000
Soluble nickel	ND	ND	ND	930
Soluble strontium	ND	ND	ND	56000
Soluble copper	ND	ND	ND	7700
Soluble aluminium	$2.4 \times 10^2$	$7.8 \times 10^2$	$2.2 \times 10^2$	70000
Soluble barium	ND	ND	ND	18750
Soluble zinc	ND	ND	ND	46000
Soluble tin	ND	ND	ND	180000
Soluble organic tin	ND	ND	ND	12
Soluble chromium (III)	ND	ND	ND	460
Soluble chromium (VI)	ND	ND	ND	0.2

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## GWSTC Test Report

Date: 2018-02-11

Page 6 of 8

NO: GP165888

Elements	Result(mg/kg)	Limit(mg/kg)
	(d)-(o)	
Soluble cadmium	ND	17
Soluble arsenic	ND	47
Soluble mercury	ND	94
Soluble antimony	ND	560
Soluble boron	ND	15000
Soluble lead	ND	160
Soluble cobalt	ND	130
Soluble selenium	ND	460
Soluble manganese	ND	15000
Soluble nickel	ND	930
Soluble strontium	ND	56000
Soluble copper	ND	7700
Soluble aluminium	ND	70000
Soluble barium	ND	18750
Soluble zinc	ND	46000
Soluble tin	ND	180000
Soluble organic tin	ND	12
Soluble chromium (III)	ND	460
Soluble chromium (VI)	ND	0.2

**Remark:**

1. ND=Not detected(see Table 1)  
mg/kg=milligram per kilogram
2. The organic tin cations that were tested in this report include MeT, BuT, DBT, TBT, TeBT, MOT, DOT, DProT, DPHT, TPHT according to EN71:Part 3:2013+A2:2017.

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TABLE 1:Detection limits of each elements

Elements	Detection limits(mg/kg)
Soluble cadmium	2
Soluble arsenic	5
Soluble mercury	5
Soluble antimony	10
Soluble boron.	10
Soluble lead	10
Soluble cobalt	10
Soluble selenium	10
Soluble manganese	10
Soluble nickel	10
Soluble strontium	100
Soluble copper	100
Soluble aluminium	100
Soluble barium	100
Soluble zinc	100
Soluble tin	1.7 <sup>Δ1</sup>
Soluble chromium	0.18
Soluble chromium (III)	10
Soluble chromium (VI)	0.18 <sup>Δ2</sup>
	0.02 <sup>Δ3</sup>

Δ<sup>1</sup>= The tin content is used to satisfy organic tin on ICP-MS. When the result of total soluble tin content under the screening limit 1.7mg/kg, it means the sample satisfy the standard limit 12mg/kg for organic tin. Whenever the result of tin content exceed the screening limit of organic tin, confirmation test will be performed by GC-MSD.

Δ<sup>2</sup>= The Chromium content is used to satisfy Chromium(III) and Chromium(VI) on ICP-MS. Whenever the result of Chromium content exceed the screening limit of Chromium(VI),confirmation test will be performed. The screening limit for Chromium(VI) is 0.18 mg/kg (total soluble Chromium).

Δ<sup>3</sup>= When the result of Chromium content exceed the screening limit 0.18mg/kg, the content of Chromium(VI) will be tested by LC-ICP-MS, and the Detection limit of Chromium(VI) is 0.02 mg/kg.

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## GWSTC Test Report

Date: 2018-02-11

Page 8 of 8

NO: GP165888

Appendix A



**PHOTOGRAPH(S) OF THE SAMPLE**

\*\*\*\*\* End of Document \*\*\*\*\*

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