

SGS CTS France
135 rue René Descartes, CS30584
13857, Aix en Provence Cedex 3
Tel : +33 (0)4 42 61 64 53

CERTIFICATE OF COMPLIANCE / CERTIFICAT DE CONFORMITE

Client Name : WUXI SUNGRASS SPORTS CO.,LTD
Nom du client
Test Report Number : SHHL1803015091TY
Numéro du rapport d'essais
Reference Number : NOT PROVIDED
Référence du client
Item Reference : SUNQ
Référence de l'échantillon
Sample Description : ARTIFICIAL GRASS
Description de l'échantillon
Date of Issue : APR 09, 2018
Date d'émission

Applied Standard(s) <i>Norme(s) Appliquée(s)</i>	Result(s) <i>Résultat(s)</i>
EN 71-PART 1:2014 : Safety of toys - Mechanical and physical properties <i>EN 71-PARTIE 1:2014 : Sécurité des jouets - Propriétés Mécaniques et Physiques</i>	Pass (excluding labeling requirements) <i>Conforme (A l'exception des exigences de marquage)</i>
EN 71-PART 2:2011+ A1:2014 : Safety of toys - Flammability <i>EN 71-PARTIE 2:2011+ A1:2014 : Sécurité des jouets - Inflammabilité</i>	Pass <i>Conforme</i>
EN 71-PART 3:2013+A1:2014 : Migration of certain elements (All conclusive testing) <i>EN 71-PARTIE 3:2013+A1:2014 : Migration de certains éléments (Test conclusive de tout les éléments)</i>	Pass <i>Conforme</i>
Labeling requirement (washing/cleaning label, CE mark, importer / manufacturer mark (name, address), product identification) according to the Directive 2009/48/EC - Safety of toys <i>Exigences concernant les avertissements (instruction de lavage / nettoyage, marquage CE, nom et adresse de l'importateur et fabricant, éléments d'identification produit) selon la Directive 2009/48/EC - Sécurité des jouets</i>	See detail in report <i>Voir détail sur le rapport</i>

The results above are copied from reference report No. SHHL1803015091TY dated on APR 09, 2018 .
This certificate of compliance must not be used without the attached reference test report.

Les résultats ci-dessus sont copies du rapport d'essais de référence numéro SHHL1803015091TY daté du APR 09, 2018. Ce certificat de conformité ne doit pas être utilisé sans le rapport d'essais de référence.



Mr. David Ferrand
CHK Lab Manager
Consumer and Retail - Hardlines




Xavier Marguerin
Expert Jouets / Toys Expert

Test Report

No.: SHHL1803015091TY

Date: APR 09, 2018

Page 1 of 5

WUXI SUNGRASS SPORTS CO.,LTD

9-15 XICHANG ROAD, HUIZHAN ECONOMY & DEVELOPMENT DISTRICT, WUXI, CHINA

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

Sample Quantity : 4 PCS
Style / Item No. : SUNQ
Supplier : WUXI SUNGRASS SPORTS CO.; LTD.
Country of Origin : CHINA
Labeled Age Grading : NOT STATED
Requested Age Grading : 3+
Age Group Applied in Testing : 3+ YEARS
Sample Receiving Date : MAR 29, 2018
Further Information Date : APR 04, 2018
Testing Period : MAR 29, 2018 TO APR 09, 2018

Test Requested

Result

This is not a toy, the test(s) was applied as per client request. There may be additional hazards and labeling requirements that are not covered by this standard:

EN 71-1: 2014 – Safety of toys – Part 1: Mechanical and Physical Properties(excluding labeling requirements)

Pass

Labeling requirement (Washing/Cleaning Label, CE mark, importer / manufacturer mark (name, address), product identification) according to the Directive 2009/48/EC-Safety of toys

Not Applicable

EN 71-2:2011+A1:2014 – Safety of toys – Part 2: Flammability

Pass

EN71-3:2013 + A1:2014 under European Directive 2009/48/EC – Migration of certain elements

Pass

***** FOR FURTHER DETAILS, PLEASE REFER TO THE FOLLOWING PAGE(S) *****

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested. This document cannot be used for publicity, without prior written approval of the SGS.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755)83071443, or email: CN.Doccheck@sgs.com



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

SHHL 129295



Test Report

No.: SHHL1803015091TY

Date: APR 09, 2018

Page 2 of 5

Signed for and on behalf of

SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.

Wallace Lui

Senior Technical Manager, Asia

Attention: To check the authenticity of testing inspection report & certificate, please contact us at telephone: (86-755)83071443, or email: CN.Doccheck@sgs.com



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

SHHL

129283

Test Report

No.: SHHL1803015091TY

Date: APR 09, 2018

Page 3 of 5

Results:

EN 71-1:2014 – SAFETY OF TOYS – PART 1: MECHANICAL AND PHYSICAL PROPERTIES

AS SPECIFIED IN EN 71-1: 2014 – SAFETY OF TOYS – PART 1: MECHANICAL AND PHYSICAL PROPERTIES

Clauses relevant to the item:

Clause	Description	Result
4	General requirements	
4.1	Material cleanliness	Pass
4.7	Edges	Pass
4.8	Points and metallic wires	Pass

EN 71-2:2011+A1:2014 – SAFETY OF TOYS – PART 2: FLAMMABILITY

AS SPECIFIED IN EN 71-2:2011+A1:2014 – SAFETY OF TOYS – PART 2: FLAMMABILITY

Clauses relevant to the item:

Clause	Description	Result
4.1	General requirements	Pass

EN71-3:2013+A1:2014 under European Directive 2009/48/EC-Migration of certain elements

Test Method : With reference to EN71-3:2013+A1:2014, analysis was performed by ICP-OES.

Test Item(s)	Limit	Unit	MDL	001	002	003
Soluble Chromium (VI) (Cr VI)	0.2	mg/kg	0.18	ND	ND	ND
Soluble Lead (Pb)	160	mg/kg	10	ND	ND	ND
Soluble Antimony (Sb)	560	mg/kg	10	ND	ND	ND
Soluble Arsenic (As)	47	mg/kg	10	ND	ND	ND
Soluble Barium (Ba)	18750	mg/kg	50	ND	ND	ND
Soluble Cadmium (Cd)	17	mg/kg	5	ND	ND	ND
Soluble Chromium (III) (Cr III)	460	mg/kg	5	ND	ND	ND
Soluble Mercury (Hg)	94	mg/kg	10	ND	ND	ND
Soluble Selenium (Se)	460	mg/kg	10	ND	ND	ND
Soluble Boron (B)	15000	mg/kg	50	ND	ND	ND
Soluble Cobalt (Co)	130	mg/kg	10	ND	ND	ND
Soluble Manganese (Mn)	15000	mg/kg	50	ND	ND	ND
Soluble Strontium (Sr)	56000	mg/kg	50	ND	ND	ND
Soluble Zinc (Zn)	46000	mg/kg	50	ND	ND	ND
Soluble Copper (Cu)	7700	mg/kg	50	ND	ND	ND
Soluble Aluminum (Al)	70000	mg/kg	50	ND	ND	ND
Soluble Nickel (Ni)	930	mg/kg	10	ND	ND	ND
Soluble Tin (Sn)	180000	mg/kg	4.9	ND	ND	ND
Soluble Organic Tin*	12	mg/kg	-	ND	ND	ND
Conclusion				PASS	PASS	PASS

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.



Test Report

No.: SHHL1803015091TY

Date: APR 09, 2018

Page 4 of 5

Test Item(s)	Limit	Unit	MDL	004
Soluble Chromium (VI) (Cr VI)	0.2	mg/kg	0.18	ND
Soluble Lead (Pb)	160	mg/kg	10	ND
Soluble Antimony (Sb)	560	mg/kg	10	ND
Soluble Arsenic (As)	47	mg/kg	10	ND
Soluble Barium (Ba)	18750	mg/kg	50	ND
Soluble Cadmium (Cd)	17	mg/kg	5	ND
Soluble Chromium (III) (Cr III)	460	mg/kg	5	ND
Soluble Mercury (Hg)	94	mg/kg	10	ND
Soluble Selenium (Se)	460	mg/kg	10	ND
Soluble Boron (B)	15000	mg/kg	50	ND
Soluble Cobalt (Co)	130	mg/kg	10	ND
Soluble Manganese (Mn)	15000	mg/kg	50	ND
Soluble Strontium (Sr)	56000	mg/kg	50	ND
Soluble Zinc (Zn)	46000	mg/kg	50	ND
Soluble Copper (Cu)	7700	mg/kg	50	ND
Soluble Aluminum (Al)	70000	mg/kg	50	ND
Soluble Nickel (Ni)	930	mg/kg	10	ND
Soluble Tin (Sn)	180000	mg/kg	4.9	ND
Soluble Organic Tin*	12	mg/kg	-	ND

Conclusion

PASS

Notes :

- (1) Confirmation test of soluble chromium (III) & chromium (VI) is not required in case of soluble chromium does not exceed their requirements as specified in EN71-3:2013+A1:2014.
- (2) *Confirmation test of soluble organic tin is not required in case of soluble tin, after conversion, does not exceed the soluble organic tin requirement as specified in EN71-3:2013+A1:2014

Test Part Description :

Specimen No.	SGS Sample ID	Description
SN1	SHA18-060506.001	Brown plastic grass
SN2	SHA18-060506.002	Dark brown plastic grass
SN3	SHA18-060506.003	Green plastic grass
SN4	SHA18-060506.004	Black plastic woven film

Remarks :

- (1) 1 mg/kg = 0.0001%
- (2) MDL = Method Detection Limit
- (3) ND = Not Detected (< MDL)
- (4) "-" = Not Regulated

N.B. : - Only applicable clauses were shown.

No.: SHHL1803015091TY

Date: APR 09, 2018

Page 5 of 5

Sample Photo:



SGS authenticate the photo on original report only

*** End of Report ***

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for electronic documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-document.aspx>. Attention is drawn to the limitation of liability, indemnification and limitation of damages therein and, in the absence of this document, advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

SHHL

129270

