



中国认可
检测
TESTING
CNAS L0599

Test Report

Report No: ASH18-000337-03

Date: Jan 11 2018

Client name: Leling Taishan Artificial Turf Industry Co.,Ltd
 Client address: NO.1 Taishan Tiyu Road,Leling City,Shandong China
 Sample name: Antibacterial turf-green
 Sample Batch No.: EYPS
 Product Date: 17.12.25
 Manufacturer: Leling Taishan

Above information and sample(s) was/were submitted and certified by the client, SGS quoted the information with no responsibility as to the accuracy, adequacy and/or completeness.

SGS Sample No.: ASH18-000337.001
 Date of sample received: Jan 03 2018
 Testing period: Jan 03 2018 ~ Jan 11 2018

TEST(S) REQUESTED:
 Selected test(s) as requested by applicant
 Test of antimicrobial activity

TEST METHOD(S):
 Please refer to the next page(s)

TEST RESULT(S):
 Please refer to the next page(s)

English shall prevail in this report.
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SGS Authorized Signature

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Test Report

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TEST METHOD(S):

ISO 22196:2011 Measurement of antibacterial activity on plastics and other non-porous surfaces

TEST ORGANISM(S):

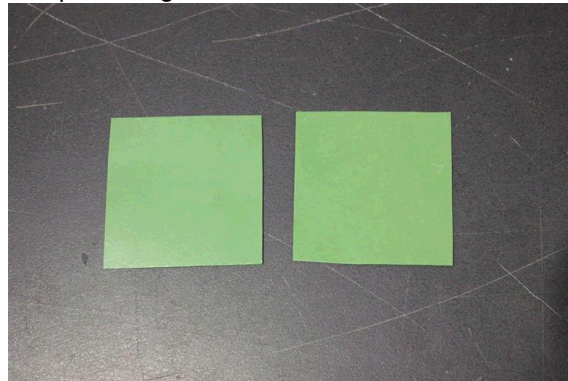
Staphylococcus aureus ATCC 6538P, *Escherichia coli* ATCC 8739

TEST RESULT(S):

Test Organism(s)	Concentration of bacteria (cfu/mL)	Volume of test inoculum (mL)	The log value of the number(cfu/cm ²) that bacteria recovered from the different contact time			The value of antimicrobial activity	Bacteriostatic activity in percent (%)
			/	at "0h" contact time	at "24h" contact time		
<i>Escherichia coli</i> ATCC8739	1.2x10 ⁶	0.2	Sample	/	-0.21	5.9	>99%
			Control Sample	4.11	5.69		
<i>Staphylococcus aureus</i> ATCC6538P	7.2x10 ⁵	0.2	Sample	/	-0.21	6.1	>99%
			Control Sample	3.93	5.90		

REMARK: The control sample is plastic film without antimicrobial activity, provided by SGS laboratory. 0.05%Tween 80 was added to the test bacteria solution.

SAMPLE DESCRIPTION: sample in bag



*** End ***



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