



中国认可
检测
TESTING
CNAS L0599

Test Report

Report No: ASH18-000337-04

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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SGS-CSTC Standards Technical Services (Shanghai) Co.,Ltd.
 Testing Center Agency (Wenzhou) Pilot Laboratory

3rd Building, No.889, Yishan Road, Shanghai, China 200233 t 400-691-0488 f (86-21) 6140 2547 www.sgsgroup.com.cn
 中国·上海·宜山路889号3号楼 邮编:200233 t 400-691-0488 f (86-21) 6140 2547 e sgs.china@sgs.com

Test Report

Report No: ASH18-000337-04

Date: Jan 11 2018

TEST METHOD(S):

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

TEST ORGANISM(S):

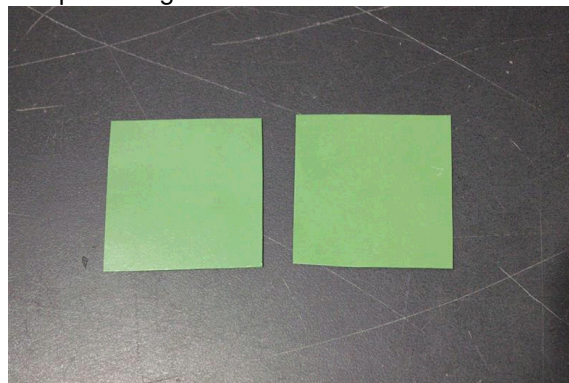
Candida Albicans ATCC 10231, *Klebsiella pneumoniae* ATCC 4352, *Shigella* CMCC(B)51574

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>Candida Albicans</i> ATCC 10231	7.6x10 ⁵	0.2	Sample	/	-0.21	5.1	>99%
			Control Sample	3.93	4.91		
<i>Klebsiella pneumoniae</i> ATCC 4352	1.1x10 ⁶	0.2	Sample	/	-0.21	5.8	>99%
			Control Sample	4.08	5.55		
<i>Shigella</i> CMCC(B)51574	8.2x10 ⁵	0.2	Sample	/	-0.21	6.2	>99%
			Control Sample	3.90	5.96		

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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Testing Center Agency of Shanghai Free Laboratory

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