

Test Report

Report No: ASH15-026060-01

Date: Jul 30 2015

Client name: TitanPE Technologies, Inc.
Client address: BD7, NO.198, CHANGHE ROAD, SHANGHAI
Sample name: AG-Series
Sample Batch No.: /
Product Date: /
Manufacturer: TIPE

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.: ASH15-026060.001
Date of sample received: Jul 21 2015
Testing period: Jul 21 2015 ~ Jul 30 2015

TEST(S) REQUESTED:

Selected test(s) as requested by applicant:
Antibacterial Assessment for the submitted sample

TEST METHOD(S):

Please refer to the next page(s)

TEST RESULT(S):

Please refer to the next 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.



SGS Authorized Signature

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

Test Report

Report No: **ASH15-026060-01**

Date: **Jul 30 2015**

TEST METHOD:

ISO 20743:2013 Textiles-Determination of antibacterial activity of textile products: 8.1 Absorption method

TEST ORGANISMS:

Salmonella typhimurium AS 1.1194

TEST RESULT(S):

Name of test bacteria (Strain number)	<i>Salmonella typhimurium</i> (AS 1.1194)	
Concentration of inoculum (CFU/mL)	1.3×10 ⁵	
Difference of extremes for the three control specimens(lg) (condition: less than 1)	0h	24h
	< 0.1	< 0.1
Difference of extremes for the three antibacterial testing specimens(lg) (condition: less than 2)	0h	24h
	< 0.1	< 0.1
The growth value on the control sample F (F=lgC _t -lgC ₀)	+2.9 (lgC _t :+7.1 , lgC ₀ :+4.2)	
The growth value on the antimicrobial-treated sample G (G =lgT _t -lgT ₀)*	<-2.9 (lgT _t :<+1.3 , lgT ₀ : <+2.3)	
Antibacterial activity value (A=F-G)	> 5.8	
Measuring method	Plate count method	
Sterilization method	Autoclave(121℃,15min)	
Incubation time	24h	

REMARK: The control sample is 100% cotton fabric, provided by SGS lab.

* In case of C₀> T₀, substitute C₀ for T₀.

SAMPLE DESCRIPTION: Beige fabric



*** End ***

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