



SUBJECT Microbiological Test

TEST LOCATION TÜV SÜD China

TÜV SÜD Products Testing (Shanghai) Co., Ltd.
B-3/4, No.1999 Du Hui Road, Minhang District
Shanghai 201108, P.R. China

CLIENT NAME American Hygienics Corporation

CLIENT ADDRESS Building No.5&6, Lane 3129 Shenzhuan Hwy., Songjiang District,
Shanghai

TEST PERIOD 26-May-2020~09-Jun-2020

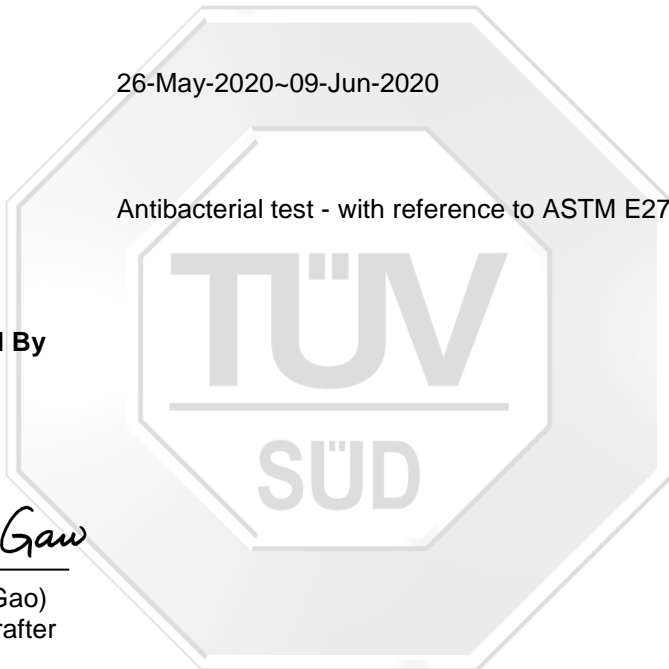
TEST REQUEST Antibacterial test - with reference to ASTM E2783-2011(2016)

Prepared By

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Authorized By

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Authorized Signatory



Note: (1) General Terms & Conditions as mentioned overleaf. (2) The results relate only to the items tested.(3) The test report shall not be reproduced except in full without the written approval of the laboratory.(4) Without the agreement of the laboratory, the client is not authorized to use the test results for unapproved propaganda.

RECEIPT DATE /TEST DATE

26-May-2020/ 26-May-2020

THE FOLLOWING SAMPLE(S) WAS/WERE SUBMITTED

BY/ ON BEHALF OF THE CLIENTS AS:

Sample Name: GERMisept ANTIBACTERIAL HAND SANITIZING WIPES
Sample Specification: 50 ct
Batch No./Date: /
Manufacture: /

SAMPLE NO.	DESCRIPTION	PHOTOGRAPH
721654941	Sample in the bag	

TEST METHOD(S)

Antibacterial test
- with reference to ASTM E2783-2011(2016) Standard Test Method for Assessment of Antimicrobial Activity for Water Miscible Compounds Using a Time-Kill Procedure

REQUIREMENT

Sample Pretreatment: Extrusion liquid
Contact time: 2 minutes, 5 minutes
Neutralizer: 8%lecithin+2%histidine+10%Tween80+D/E broth

TEST ORGANISMS

Escherichia coli ATCC 25922
Staphylococcus aureus ATCC 6538

TEST RESULT(S)

1.Contact time: 2 minutes

Test Organisms	Test times	Survival bacteria from control (CFU/mL)	Survival bacteria from sample (CFU/mL)	Antibacterial rate (%)	Average Antibacterial rate (%)	Log value	Average Log value
<i>Escherichia coli</i> ATCC 25922	1	1.8×10 ⁶	<1	>99.99	>99.99	>6.26	>6.26
	2	1.8×10 ⁶	<1	>99.99		>6.26	
	3	1.8×10 ⁶	<1	>99.99		>6.26	





Test Organisms	Test times	Survival bacteria from control (CFU/mL)	Survival bacteria from sample (CFU/mL)	Antibacterial rate (%)	Average Antibacterial rate (%)	Log value	Average Log value
<i>Staphylococcus aureus</i> ATCC 6538	1	1.5×10 ⁶	<1	>99.99	>99.99	>6.18	>6.18
	2	1.5×10 ⁶	<1	>99.99		>6.18	
	3	1.5×10 ⁶	<1	>99.99		>6.18	

2.Contact time:5 minutes

Test Organisms	Test times	Survival bacteria from control (CFU/mL)	Survival bacteria from sample (CFU/mL)	Antibacterial rate (%)	Average Antibacterial rate (%)	Log value	Average Log value
<i>Escherichia coli</i> ATCC 25922	1	1.9×10 ⁶	<1	>99.99	>99.99	>6.28	>6.27
	2	1.8×10 ⁶	<1	>99.99		>6.26	
	3	1.8×10 ⁶	<1	>99.99		>6.26	
<i>Staphylococcus aureus</i> ATCC 6538	1	1.5×10 ⁶	<1	>99.99	>99.99	>6.18	>6.18
	2	1.5×10 ⁶	<1	>99.99		>6.18	
	3	1.5×10 ⁶	<1	>99.99		>6.18	

Note: This report is for internal use only such as internal scientific research , education, quality control, product R&D.

-END OF THE TEST REPORT-

