

Antimicrobial Test Laboratories

Fast, Reliable Antimicrobial Efficacy Testing

Microbiology Study Report

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Client Information

Company Name:	<u>Advanced Vapor Technologies</u>	Sponsor:	<u>Rick Hoverson</u>
Sponsor's Phone:	<u>(800) 997-6584</u>	E-mail:	<u>rick@advap.com</u>

Test Information

Test(s) Performed:	<u>AVT Ultra Low Contact Time Experiment on <i>A. baumannii</i></u>		
SOP Followed:	<u>ATL SOP C-005</u>	Performed by:	<u>B. Tanner</u>

Sample Information

Test Substance ID(s):	<u>SVS w/TANCS Technology</u>	Unit ID Number:	<u>55120401165</u>
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Parameters

Microorganism(s):	<u><i>Acinetobacter baumannii</i> 19606</u>	Type of Carrier:	<u>Unglazed Clay Coupon</u>
Subculture Number:	<u>2</u>	# of Test Carriers:	<u>10 total, 5 carriers each, 2 reps.</u>
Growth Medium:	<u>Difco Nutrient Broth</u>	Carrier Dry Time:	<u>20 minutes (In Containment Hood)</u>
Contact Time:	<u>0, 0.5, 1, 2, and 5 seconds</u>	CFU per Carrier:	<u>See Table, Page 2</u>
Organic Soil Load:	<u>5% Horse Serum</u>	Incubation Temp.:	<u>35.0 (+/- 1) C</u>
Neutralizer Used:	<u>10 mL D/E Broth</u>	Incubation Time:	<u>48 hours</u>

Controls

Neutralized:	<u>N/A</u>	Growth Control:	<u>Passed</u>
Media Sterility:	<u>Passed, All Control Jars Neg</u>		

Test Results

# of Carriers Positive:	<u>See chart, Page 2</u>	Confirmation:	<u>Colony Morphology on TSA</u>
# of Carriers Negative:	<u>See chart, Page 2</u>	Test(s) Valid?:	<u>Yes</u>

Notes: For this test, *Acinetobacter baumannii* 19606 was tested in duplicate, with each test plated in duplicate.

Tests Completed: 7/3/2008

Report Sent: 7/3/2008

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Additional Study Information

Organism	CFU per Coupon				
	0 Seconds	0.5 Seconds	1 Second	2 Seconds	5 Seconds
<i>A. baumannii</i> Rep. #1	2,605,000	855,000	319,000	62,500	-
<i>A. baumannii</i> Rep. #2	3,065,000	600,000	351,000	77,100	-

Time-Kill Chart - SVS w/TANCS

