Microbiology Study Report
Page 1 of 2
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Client Information
Company Name: Advanced Vapor Technologies  Sponsor: Rick Hoverson
Sponsor's Phone: (800) 997-6584  E-mail: rick@advap.com

Test Information
Test(s) Performed: AVT Ultra Low Contact Time Experient on A. baumannii
SOP Followed: ATL SOP C-005  Performed by: B. Tanner

Sample Information
Test Substance ID(s): SVS w/TANCS Technology  Unit ID Number: 55120401165

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

Controls
Neutralized: N/A  Growth Control: Passed
Media Sterility: Passed, All Control Jars Neg

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

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

### Additional Study Information

<table>
<thead>
<tr>
<th>Organism</th>
<th>CFU per Coupon</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>0 Seconds</td>
</tr>
<tr>
<td>A. baumannii Rep. #1</td>
<td>2,605,000</td>
</tr>
<tr>
<td>A. baumannii Rep. #2</td>
<td>3,065,000</td>
</tr>
</tbody>
</table>

**Time-Kill Chart - SVS w/TANCS**

- A. baumannii Rep. #1
- A. baumannii Rep. #2