

**MICROBIOCIDAL ACTIVITY OF GERMBUSTER STERILRAY UV WAND PRODUCT  
VS. COLSTRIDIUM SPOROGENES ATCC #19404**

**Tested for:** Far-UV Sterilray  
30 Centre Road  
Suite 5  
Somersworth, NH 03878

**Product:** Germbuster Sterilray UV Wand

**Method:** Percent Bacterial Reduction

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**Project #:** HEI-004                      **Report #:** HEI004-007

**Notebook Reference:** Book 96, Page 81-83

**Test Organism:**

1. *Colstridium sporogenes*                      ATCC #19404

**Method and Procedure:**              Method: Study #HEI-004

**Conclusions:**

The Germbuster Sterilray UV Wand product killed 100% of viable *Clostridium sporogenes* in 22 seconds of exposure to 83.1. mj/cm of UV exposure.

Results:

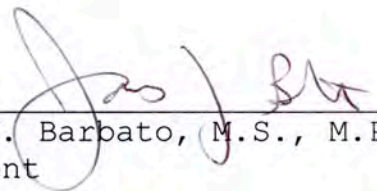
Table I

Percent Bacterial Reduction of  
Gerbuster Sterilray UV Wand  
vs. *Clostridium sporogenes* ATCC #19404

| Exposure Time (Sec) | Test Organism        | Time 0 Count/ml     | UV Intensity mj/cm <sup>2</sup> | CFU/ml After Exposure | % Reduction |
|---------------------|----------------------|---------------------|---------------------------------|-----------------------|-------------|
| 22                  | <i>C. sporogenes</i> | 4.2x10 <sup>6</sup> | *83.1/cm <sup>2</sup>           | 0                     | 100         |

\*Exposed to 42 mj of UV light, mixed and exposed to another 41.1 mj.

1-15-77  
Date

  
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President