

**MICROBIOCIDAL ACTIVITY OF GERMBUSTER STERILRAY UV WAND PRODUCT
VS. METHICILLIN RESISTANT STAPHYLOCOCCUS AUREUS**

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-003 **Report #:** HEI003-005

Notebook Reference: Book 96, Page 2-4

Test Organism:

1. *Methicillin Resistant Staphylococcus aureus* (Clinical Isolate) (MRSA)

Method and Procedure: Method: Study #HEI-003

Conclusions:

The Germbuster Sterilray UV Wand product killed 100% of viable MRSA in 12 seconds of exposure to 50 mj/cm of UV exposure.

Results:

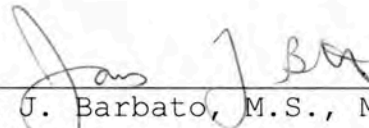
Table I

**Percent Bacterial Reduction of
Gerbuster Sterilray UV Wand
vs. Methicillin Resistant *Staphylococcus aureus***

Exposure Time (Sec)	Test Organisms	Time 0 Count/ml	UV Intensity mj/cm²	CFU/ml After Exposure	% Reduction
12	MRSA	2.2x10 ⁶	50/cm ²	0	100

1-0327

Date



James J. Barbato, M.S., M.P.H.
President

NOTE: This test was conducted with a special low-power Far-UV Sterilray™ lamp in order to control the amount of exposure. The lamp is 1/30 the power that will be used in Version 3.0 This would result in an exposure of less than 3 seconds to achieve 100 mj/cm².