

## Altapure Research Data

Test Date: July – September, 2010

Test Site Description: Hospital Room

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\* **NOTE:** A zero “0” in the table below denotes no growth / full kill.

\* **NOTE:** The ( \* ) red dots in the table below denote data collected behind a closed door or drawer during testing.

### July-September 2010

#### “Altapure Summary”

Sample Site	MRSA	Resistant <i>Acinetobacter</i> sp.	VRE	<i>C. difficile</i> 5% FCS - 10 <sup>4</sup>	<i>C. difficile</i> 5% FCS – 10 <sup>5</sup>	<i>C. difficile</i> Direct Stock – 10 <sup>6</sup>
Bathroom Wall	0/5	0/5	0/5	0/5	1/5 Inoc. still wet?	0/5
Bathroom Floor	0/5	0/5	0/5	0/5	0/5	0/5
Bottom of Large Cabinet / Inside / Door Closed ●	0/5 ●	0/5 ●	1/5 ●	3/5 ●	5/5 ●	5/5 ●
Top of Large Cabinet / Outside	0/5	0/5	0/5	0/5	0/5	0/5
Bedside Drawer / Inside / Drawer Closed ●	1/5 ●	0/5 ●	2/5 ●	4/5 ●	5/5 ●	5/5 ●
Bottom of Bedside Cabinet / Inside / Door Left Cracked	0/5	0/5	0/5	0/5	0/5	0/5
Underneath Small Chair	0/5	0/5	0/5	0/5	0/5	0/5
Side of Large Chair / Facing Wall	0/5	0/5	0/5	0/5	0/5	0/5
Top of Overbed Table	0/5	0/5	0/5	0/5	0/5	0/5
Back of Computer / Facing Wall	0/5	0/5	0/5	0/5	0/5	0/5

- Deployment Time = 5min.; Dwell Time = 10 min.; Dehumidification Time = 25 – 30 min.

#### Inoculum Averages (Logs):

MRSA (5% FCS + TSB) – 4.66

Resistant *Acinetobacter* sp. (5% FCS + TSB) – 4.91

VRE (5% FCS + TSB) – 4.54

*C. difficile* (10<sup>4</sup>) (5% FCS + TSB) – 4.83

*C. difficile* (10<sup>5</sup>) (5% FCS + TSB) – 5.15

*C. difficile* (10<sup>6</sup>) (Direct Stock) – 5.95