



**Germicidal Activity Report
(Modified AOAC Protocol)
In Vitro Results**



IBA EPIC TEAT DIP

| Date Finalized | Organism/ATCC | SPC (cfu/ml) | Run | seconds | % reduction |
|----------------|--|-------------------|-----|---------|-------------|
| 4/22/2012 | Staphylococcus aureus ATCC 25923 | 2.5×10^8 | 1 | 15 | >99.9 |
| | | | | 30 | >99.9 |
| | | | | 45 | >99.9 |
| | | | 2 | 15 | >99.9 |
| | | | | 30 | >99.9 |
| | | | | 45 | >99.9 |
| 4/22/2012 | Serratia marcescens ATCC 14756 | 9.9×10^8 | 1 | 15 | >99.9 |
| | | | | 30 | >99.9 |
| | | | | 45 | >99.9 |
| | | | 2 | 15 | >99.9 |
| | | | | 30 | >99.9 |
| | | | | 45 | >99.9 |
| 4/27/2012 | Corynebacterium bovis ATCC 7715 | 6.0×10^5 | 1 | 15 | >99.9 |
| | | | | 30 | >99.9 |
| | | | | 45 | >99.9 |
| | | | 2 | 15 | >99.9 |
| | | | | 30 | >99.9 |
| | | | | 45 | >99.9 |
| 4/22/2012 | Streptococcus agalactiae ATCC 27956 | 3.1×10^7 | 1 | 15 | >99.9 |
| | | | | 30 | >99.9 |
| | | | | 45 | >99.9 |
| | | | 2 | 15 | >99.9 |
| | | | | 30 | >99.9 |
| | | | | 45 | >99.9 |
| 4/22/2012 | Streptococcus dysgalactiae ATCC 43078 | 1.0×10^8 | 1 | 15 | >99.9 |
| | | | | 30 | >99.9 |
| | | | | 45 | >99.9 |
| | | | 2 | 15 | >99.9 |
| | | | | 30 | >99.9 |
| | | | | 45 | >99.9 |
| 4/22/2012 | Escherichia coli ATCC 25922 | 1.3×10^9 | 1 | 15 | >99.9 |
| | | | | 30 | >99.9 |
| | | | | 45 | >99.9 |
| | | | 2 | 15 | >99.9 |
| | | | | 30 | >99.9 |
| | | | | 45 | >99.9 |
| 4/22/2012 | Pseudomonas aeruginosa ATCC 15442 | 7.7×10^8 | 1 | 15 | >99.9 |
| | | | | 30 | >99.9 |
| | | | | 45 | >99.9 |
| | | | 2 | 15 | >99.9 |
| | | | | 30 | >99.9 |
| | | | | 45 | >99.9 |
| 4/22/2012 | Klebsiella pneumoniae ATCC 13883 | 9.8×10^7 | 1 | 15 | >99.9 |
| | | | | 30 | >99.9 |
| | | | | 45 | >99.9 |
| | | | 2 | 15 | >99.9 |
| | | | | 30 | >99.9 |
| | | | | 45 | >99.9 |
| 4/22/2012 | Streptococcus uberis ATCC 700407 | 2.3×10^8 | 1 | 15 | >99.9 |
| | | | | 30 | >99.9 |
| | | | | 45 | >99.9 |
| | | | 2 | 15 | >99.9 |
| | | | | 30 | >99.9 |
| | | | | 45 | >99.9 |
| 4/27/2012 | Prototheca wickerhamii ATCC 16529 | 1.6×10^6 | 1 | 15 | >99.9 |
| | | | | 30 | >99.9 |
| | | | | 45 | >99.9 |
| | | | 2 | 15 | >99.9 |
| | | | | 30 | >99.9 |
| | | | | 45 | >99.9 |