



Botanical Broad Spectrum Disinfectant: Efficacy By Organism Class

All disinfectants need to be registered by the Environmental Protection Agency (EPA) to make public health claims. They all must submit successful data showing kills over 99.99% against specific organisms within a standard contact time of 10 minutes. The EPA identified particular organisms as representatives of their entire class of organism to simplify the testing process & avoid having to test every organism within a class.

| ORGANISM (CLASS) | REDUCTION | CONTACT TIME | CLAIM (CATEGORY) |
|---|-----------|--------------|---|
| Mycobacterium tuberculosis (TB) | 99.999+% | 5 minutes | Tuberculocide |
| Trichophyton mentagrophytes (Fungi, spore forming) | 99.999+% | 10 minutes | General Fungicide |
| MRSA (Methicillin Resistant Staph aureus Bacteria) | 99.999+% | 10 minutes | Kills MRSA (doesn't represent a category) |
| Pseudomonas aeruginosa (Gram +ve Human Pathogen Bacteria) | 99.999+% | 10 minutes | Hospital Disinfectant |
| Staphylococcus aureus (Gram +ve Bacteria) | 99.999+% | 10 minutes | General Disinfectant |
| Salmonella choleraesuis (Gram -ve Bacteria) | 99.999+% | 10 minutes | Limited Disinfectant |
| HIV -1 (Enveloped virus) | 99.999+% | 10 minutes | Virucidal (against HIV) |



NOTE: *Benefect* Disinfectant is not required, nor recommended, to be rinsed or wiped off at all due to its botanical ingredients and safety profile. "Just Spray & Walk Away"™. [?] [?]

Additional organisms are continually being tested, submitted & registered to broaden the kill spectrum of *Benefect*. [?] [?]

The statements of antimicrobial activity are based on independent laboratory testing at world renowned ATS Labs in Minneapolis.