



Botanical Broad Spectrum Disinfectant: Efficacy By Organism Class

All disinfectants need to be registered by Health Canada to make germ-killing claims that may impact the health of the public. They all must submit successful data showing kills over 99.99% against specific organisms within a standard contact time of 10 minutes. Health Canada identifies particular organisms as representatives of their entire class of organism to optimize the testing process & avoid having to test every single 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
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.