



Botanical Decon30 Disinfectant: Efficacy By Organism Class

All disinfectants need to be registered by the EPA to make public germ-killing 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 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)
Norovirus (Non-enveloped Virus)	99.999+%	10 Minutes	Virucidal (against Noro)
Rhinovirus type 37 (Non-enveloped Virus)	99.999+%	10 minutes	Virucidal (against Rhino)
Trichophyton mentagrophytes (Fungi, spore forming)	99.999+%	10 minutes	General Fungicide
Aspergillus niger (Mold, spore forming fungus, human pathogen)	99.999+%	No growth for 7 days	Mildewstat (prevents mold growth)
Candida albicans (Yeast, spore forming fungus, human pathogen)	99.999+%	10 minutes	Kills Candida (doesn't represent a category)
MRSA (Methicillin Resistant Staph aureus Bacteria)	99.999+%	30 Seconds	Kills MRSA (doesn't represent a category)
Pseudomonas aeruginosa (Gram +ve Bacteria, human pathogen)	99.999+%	5 minutes	Hospital Disinfectant
Staphylococcus aureus (Gram +ve Bacteria)	99.999+%	30 Seconds	General Disinfectant
Enterobactor aerogenes (Gram +ve Bacteria)	99.9+%	60 minutes (as per test guidelines)	Carpet Sanitizer
Escherichia coli (Gram -ve Bacteria)	99.999+%	30 Seconds	Kills E. coli (doesn't represent a category)
Salmonella choleraesuis (Gram -ve Bacteria)	99.999+%	5 minutes	Limited Disinfectant
Influenza A (Enveloped Virus)	99.999+%	5 minutes	Virucidal (against Flu)
Influenza A Avian (Enveloped Virus)	99.99+%	10 minutes	Virucidal (against Avian Flu)
HIV -1 (Enveloped Virus)	99.999+%	10 minutes	Virucidal (against HIV)



NOTE: Benefect Disinfectants are not required, nor recommended, to be rinsed or wiped off after the above Contact Times due to its botanical ingredients and safety profile - "just spray & walk away"[™].