

**ULTRAVIOLET ENERGY AT 253.7 NM WAVELENGTH REQUIRED FOR 99.9%
DESTRUCTION OF VARIOUS MICROORGANISMS**

Actual Name	Most commonly called
BACTERIAL ORGANISMS	
Agrobacterium tumefaciens	Crown gall disease
Bacillus anthracis	Anthrax virus
Bacillus megaterium (vegetative)	Wet wood disease
Bacillus megaterium (spores)	
Bacillus subtilis (vegetative)	
Bacillus subtilis (spores)	
Clostridium tetari	Tetanus/Lockjaw
Corynebacterium diphtheriae	Diphtheria
Escherichia coli (diarrhea)	Coli
Legionella bozemanii	Pontiac fever
Legionella dumoffii	Pontiac legionnaires
Legionella gormanii	Pontiac legionnaires
Legionella micdadei	Pontiac legionnaires
Legionella pneumophilia	Legionnaires disease
Mycobacterium tuberculosis	Pulmonary tuberculosis
Neisseria catarrhalis	Meningitis, endocarditis, pneumonia, otitis media
Proteus vulgaris	Urinary tract infection, pneumonia
Pseudomonas aeruginosa (laboratory strain)	
Pseudomonas aeruginosa (environmental strain)	
Rhodospirillum rubrum	Bacterium
Salmonella enteritidis	Gastroenteritis, enteric fever
Salmonella paratyphi (enteric fever)	Enteric fever
Salmonella typhimurium	Gastroenteritis
Salmonella typhosa (typhoid fever)	
Sarcina lutea	Reproductive problems
Serratia marcescens	Septicaemia, abscesses
Shigella dysenteriae (dysentery)	
Shigella flexneri (dysentery)	
Staphylococcus epidermidis	Toxic shock syndrome, eye infections
Staphylococcus aureus	Toxic shock syndrome, food poisoning, intoxication
Streptococcus hemolyticus	Various infection
Streptococcus lactis	Various infection
Vibrio cholerae	Cholera
MOLD SPORES	
Aspergillus flavus (yellowish green)	
Aspergillus glaucus (bluish green)	
Aspergillus niger (black)	
Mucor ramosissimus (white gray)	Sinuses, eyes, lungs and skin infections
Penicillium expansum (olive)	Blue mold
Penicillium roqueforti (green)	Fingi, Mycotoxins
VIRUSES	
Bacteriophage (E. Coli)	Bloody diarrhea
Hepatitis virus	Hepatitis
Influenza virus	Flu
Avian influenza	Bird flu
Poliovirus (poliomyelitis)	Polio
YEAST	
Baker's yeast	Deep human infections
Brewer's yeast	