

ULTRAVIOLET ENERGY LEVELS IN MICROWATTS AT WAVELENGTH OF 254
 NANOMETERS REQUIRED FOR 99.9% DESTRUCTION OF VARIOUS MICROORGANISMS
 EXPRESSED IN UV ENERGY IN MICROWATT-SECONDS PER SQUARE CENTIMETER

STERYBOX UV ENERGY MYW/SEC/SQ-CM	OVER 100.000
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BACTERIA

Agrobacterium tumefaciens	8500
Bacillus anthraci	8700
Bacillus megaterium	2500
(vegetative)	
Bacillus subtilis	11000
(vegetative)	
Clostridium tetani	22000
Corynebacterium diphtheriae	6500
Escherichia coli	7000
Legionella dumoffii	5500
Legionella gormanii	4900
Legionella micdadei	3100
Legionella longbeachae	2900
Legionella pneumophila	3800
(Legionnaires disease)	
(Infectious Jaundice)	
Mycobacterium tuberculosis	10000
Neisseria catarrhalis	8500
Proteus vulgaris	6600
Pseudomonas aeruginosa	3900
(laboratory strain)	
Pseudomonas aeruginosa	10500
(environmental strain)	
Rhodospirillum rubrum	6200
Salmonella enteritidis	7600
(Enteric fever)	
Salmonella typhimurium	15200
Salmonella typhosa	6000
(Typhoid fever)	
Sarcina lutea	26400
Serratia marcescens	6200
Shigella dysenteriae	4200
(Dysentery)	
Shigella flexneri	3400
(Dysentery)	
Shigella sonnei	
Staphylococcus epidermidis	5800
Staphylococcus aureus	7000
Streptococcus faecalis	10000
Streptococcus hemolyticus	5500
Streptococcus lactis	8000
Viridans streptococci	3800
Vibrio cholerae (Cholera)	6500

MOLD SPORES

Mucor ramosissimus	35200
(white gray)	
Penicillium expensum	22000
Penicillium roqueforti	26400
(green)	
Aspergillus niger	132000

ALGAE

Legionella bozemanii	3500
Chlorella vulgaris	22000

VIRUSES

Leptospira interrogans	6000
Bacteriophage	6600
(E. coli.)	
Hepatitis virus	8000
Influenza virus	6600
Poliovirus	21000
Rotavirus	24000

YEAST

Salmonella paratyphi	6100
Baker's yeast	8800
Brewer's yeast	6600
Common yeast cake	13200
Saccharomyces var.	13200
ellipsoideus	
Saccharomyces sp	17600

CYSTS

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Giardia Lamblia	<10000
Chyptosporidium	<10000
Recent research has shown that	
these cysts can be inactivated	
with 5000-10000.	