

Organisms	Energy dosage of ultraviolet radiation in $\mu\text{W}/\text{cm}$ need to kill factor	
	90%	100%
Bacteria		
Bacillus anthracis-Anthrax	4520	8700
Bacillus anthracis spores-Anthrax spors	2730	5200
Bacillus magaterium sp. (spors)	1300	2500
Bacillus magaterium sp. (veg.)	3200	6100
Bacillus paratyphusus	11,600	22,000
Bacillus subtilis spores	5800	11,000
Bacillus subtilis	13,00	22,00
Clostridium Tetani	3370	6510
Corynebacterium Diphtheriae	2140	4100
Ebertelia typhosa	3000	6600
Escherichia coli	3500	7000
Legionella bozemanil	5500	11,000
Legionella dumoffii	4900	9800
Legionella gormanii	3100	3100
Legionella micdadei	2900	5800
Legionella longbeachee	3150	6000
Legionella pneumophila	6050	12.300
Leptospira canicola-Infectious Jaundice	1000	15,400
Micrococcus candidus	6200	10,000
Micrococcus sphaeroides	4400	8500
Mycobacterium tuberculosis	4400	8000
Neisseria catarrhalis	3000	6600
Phytomonas tumefaciens	5500	10,500
Proteus vulgaris	3500	6600
Pseudomonas aeruginosa	4000	7600
Pseudomonas Fluorescens	3200	6100
Salmonella enteritidis	2150	4100
Salmonella paratyphi – Enteric Fever	8000	15,200
Salmonella typhosa- Typhoid Fever	19,700	26,400
Salmonella typhimurium	2420	6160
Sarcina Lutea	2200	4200
Serratia Marcesens	1700	3400
Shigella Dysenteriae-Dysentery	1680	3400
Shigella flexneri- Dysentery	4400	6160
Shigella paradysenteriae	1840	5720
Spirillum rubrum	4400	6160
Staphylococcus Albus	1840	5720
Staphylococcus Aerijs	2600	6600
Staphylococcus Hemolyticus	2160	5500
Staphylococcus Lactis	6150	8800
Staphylococcus Viridans	2000	3800
Vibrio Comma – Cholera	3375	6500
Molds	90%	100%
Aspergillus Flavus	60,000	99,000
Aspergillus Glaucus	44,000	88,000
Aspergillus niger	132,000	330,000
Mucor racemosus A	17,000	35,200
Mucor racemosus B	17,000	35,200
Oospora lactis	5000	11,000
Penicillium Expansum	13,000	22,000
Penicillium Roqueforti	13,000	26,400
Penicillium Digitatum	44,000	88,000
Rhizopus Nigricans	111,000	220,000
Protozoa	90%	100%
Chlorella Vulgaris	13,000	22,000
Nematode Eggs	4,000	92,000
Paramecium	11,000	20,000
Virus	90%	100%
Bacteriophage-E.Coli	2600	6600
Infectious Hepatitis	5800	8000
Influenza	3400	6600
Polivirus – Poliomyelitis	3150	6600
Tobacco Mosaic	240000	440000
Yeast	90%	100%
Brewers Yeast	3300	6600
Common Yeast Cake	6000	13200
Saccharomyces Carevisiae	6000	13200
Saccharomyces Ellipsoideus	6000	13200
Saccharomyces spores	8000	17600