

Dosage of UV-C in $\mu\text{W sec/cm}^2$ necessary for complete destruction

BACTERIA

Agrobacterium Lumeifaciens [^]	8,500
Bacillus Anthracis*	8,700
Bacillus Anthracis Spores [^]	46,200
Bacillus Megatherium Sp. (Veg)*	2,500
Bacillus Megatherium Sp. (Spores)*	5,200
Bacillus Paratyphosus*	6,100
Bacillus Subtilis*	11,000
Bacillus Subtilis Spores*	22,000
Clostridium Tetani [^]	23,100
Clostridium Botulinum [^]	11,200
Corynebacterium Diphtheriae*	6,500
Dysentery Bacilli*	4,200
Eberthella Typhosa*	4,100
Escherichia Coli*	6,600
Legionella Bozemanii [^]	3,500
Legionella Dumoffill [^]	5,500
Legionella Gormanil [^]	4,900
Legionella Micdadei [^]	3,100
Legionella Longbeachae [^]	2,900
Legionella Pneumophila (Legionnaire's Disease)	2,760
Leptospiranicola- Infectious Jaundice [^]	6,000
Leptospira Interrogans [^]	8,000
Micrococcus Candidus*	12,300
Micrococcus Sphaeroides*	15,400
Mycobacterium Tuberculosis[^]	10,000
Neisseria Catarrhalis*	8,500
Phytomonas Tumefaciens*	10,500
Proteus Vulgaris*	3,900
Pseudomonas Aeruginosa (Environmental Strain)*	6,600
Pseudomonas Aeruginosa (Laboratory Strain) [^]	6,200
Pseudomonas Fluorescens*	7,600
Rhodospirillum Rubrum [^]	6,100
Salmonella Enteritidis [^]	10,000
Salmonella Paratyphi (Enteric Fever) [^]	15,200
Salmonella Species [^]	7,000
Salmonella Typhimurium*	10,500
Salmonella Typhosa (Typhoid Fever) [^]	26,400
Salmonella*	6,160
Sarcina Lutea *	4,200
Serratia Marcescens*	3,400
Shigella Dysenteriae-Dysentery [^]	3,400
Shigella Flexneri-Dysentery [^]	7,000
Shigella Paradysenteriae*	8,500
Shigella Sonnei [^]	6,600
Spirillum Rubrum*	6,160
Staphylococcus Albus*	5,720
Staphylococcus Aureus*	6,600
Staphylococcus Epidermidis [^]	5,800
Streptococcus Faecaila [^]	10,000
Streptococcus Hemolyticus*	5,500
Streptococcus Lactis*	8,800
Streptococcus Pyrogenes [^]	4,200
Streptococcus Salivarius [^]	4,200

Streptococcus Viridans*	3,800
Typhoid Fever [^]	4,100
Vibrio Comma (Cholera) [^]	6,500
Vibrio Cholerae [^]	6,500

MOLDS

Aspergillus Amstelodami [^]	77,000
Aspergillus Flavus*	99,000
Aspergillus Glaucus*	88,000
Aspergillus Niger (bread mold)*	330,000
Mucor Mucedo [^]	77,000
Mucor Racemosus (A & B)*	35,200
Oospora Lactis*	11,000
Penicillium Chrysogenum [^]	56,000
Penicillium Digitatum*	88,000
Penicillium Expansum*	22,000
Penicillium Roqueforti*	26,400
Rhizopus Nigricans (cheese mold)*	220,000

PROTOZOA

Chlorella Volgaris (algae)*	22,000
Blue-green Algae [^]	420,000
E. Hystolytica [^]	84,000
Giardia Lamblia (cysts) [^]	100,000
Nematode Eggs [^]	40,000
Paramecium*	200,000

VIRUS

Adeno Virus Type III [^]	4,500
Bacteriophage (E.Coli)*	6,600
Coxsackie A2 [^]	6,300
Infectious Hepatitis[^]	8,000
Influenza*	3,400
Rotavirus [^]	24,000
Tobacco Mosaic*	440,000
Variola Major (smallpox)	6,000
Coronavirus (SARS)	7,400

YEASTS

Baker's Yeast*	8,800
Brewer's Yeast*	6,600
Common Yeast Cake*	13,200
Saccharomyces Cereisiae*	13,200
Saccharomyces Ellipsoideus*	13,200
Saccharomyces Sp.*	17,600

*Westinghouse Electric Corp._

[^]Various Sources

Dosage measured in micro-watt-sec/cm2

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