



### UVC ENERGY LEVEL FOR DESTRUCTION OF 99,9% OF MICROORGANISMS (mW/cm<sup>2</sup>)

BACTERIA	
B. megaterium (spores)	8.1
B. megaterium (VEG)	3.3
B. paratyphosus	9.6
B. subtilis	21.3
B. subtilis (spores)	36
Bacillus anthracis	13.5
Bacterium coli	16.2
Clostridium tetani	39
Corynebacterium diphtheriae	9.9
Eberthella typhosa	6.3
Escherichia coli	9.9
Legionella bozemanii	3.5
Legionella longbeachae	2.9
Legionella micdadei	3.1
Legionellosis pneumophilia	36
Leptosphaera spp (Jaunisse)	9.6
Leptospira interrogans	6
Micrococcus candidus	18
Micrococcus piltonencis	24.3
Micrococcus sphaeroides	30
Mycobactérium Tuberculosis	10
Neisseria catarrhalis	13.2
Phytomonas tumefaciens	13.2
Proteus vulgaris	7.8
Pseudomonas aeruginosa	10
Pseudomonas aeruginosa	16.5
Pseudomonas fluorescens	10.5
Rhodospirillum rubrum	6.2
Salmonella enteritis	12
Salmonella paratyphoid	18.6
Salmonella typhi	12.3
Salmonella typhimurium(1)	24
Salmonella typhosa	6.6
Sarcina luteae	59.1
Serratia marcescens	7.2
Shigella dysenteriae (Dysenterie)	6.6
Shigella flexneri	5.1
Shigella paradysenteriae	4.8
Spirellum rubrum	13.2
Staphylococcus albus	5.4
Staphylococcus aureus	7.8
Staphylococcus epidermis	5.8
Streptococcus faecalis	10
Streptococcus haemolyticus	6.3
Streptococcus lactis	18.3
Streptococcus viridans	6
Tuberculose bacillus	30
Vibrio comma (cholera)	19.5

MOLD	
Aspergillus amstelodami	198
Aspergillus flavus	180
Aspergillus glaucus	132
Aspergillus niger	396
Clasdosporium herbarum	180
Mucor mucedo	195
Mucor ramosissimus	51
Oospara lactis	15
Penicillium chrysogenum	150
Penicillium digitatum	132
Penicillium expansum	39
Penicillium roquefortii	39
Rhizopus nigricans	333
Scopulariopsis brevicalis	90

YEAST	
Boulangier	11.7
Brasserie	9.9
Cuisine	18
Saccharomyces cerevisiae	18
Saccharomyces ellipsoideus	18
Saccharomyces spores	24
Tolura spherica	6.9

VIRUS	
Bactériophage (E.Coli)	6.6
Influenza virus	6.6
Poliovirus	19.5
Rotavirus	24
Hepatitis Virus (Jaunisse)	24
CoronaVirus	14.1

SEAWEEDS	
Chlorella vulgaris	22
Diatomées	
Algues bleues	1800
Algues vertes	1080

PROTOZOER	
Paramicium	192-300

WORMS	
Nematode (œufs)	120