INACTIVATE MICROORGANISMS AT A DOSAGE OF 30 000**M**W/CM2 OF UV 254NM

Name	**100% lethal Dosage (Second)**	**Name**	**100% lethal Dosage (Second)**
Bacteria			
Dysentery bacilli	0.15	Micrococcus Candidus	0.4 - 1.53
Leptospira SPP	0.2	Salmonella Paratyphi	0.41
Legionella Pneumophila	0.2	Mycobacterium Tuberculosis	0.41
Corynebacterium Diphtheriae	0.25	Streptococcus Haemoluticus	0.45
Shigella Dysenteriae	0.28	Salmonella Enteritidis	0.51
Bacillus Anthracis	0.3	Salmonella Typhimurium	0.53
Clostridium Tetani	0.33	Vibrio Cholerae	0.64
Escherichia coli	0.36	Clostridium Tetani	0.8
Pseudomonas Aeruginosa	0.37	Staphylococcus Albus	1.23

INACTIVATE MICROORGANISMS AT A DOSAGE OF 30 000**M**W/CM2 OF UV 254NM

Name	**100% lethal Dosage (Second)**	**Name**	**100% lethal Dosage (Second)**
Virus			
Coxsackie Virus A9	0.08	Echovirus 1	0.73
Adenovirus 3	0.1	Hepatitis B Virus	0.73
Bacteriophage	0.2	Echovirus 11	0.75
Influenza	0.23	Poliovirus 1	0.8
Rotavirus SA 11	0.52	Tobacco Mosaic	16
Mold Spores			
Mucor Mucedo	0.23 - 4.67	Penicllium Roqueforti	0.87 - 2.93
Oospara Lactis	0.33	Penicllium Chrysogenum	2.0 - 3.33
Aspergillus Amstelodami	0.73 - 8.80	Aspergillus Niger	6.67
Penicillium Digitatum	0.87	Manure Fungi	8
Algae			
Chlorella Vulgaris	0.93	Protozoa	4 - 6.70
Green Algae	1.22	Paramecium	7.3
Nematode Eggs	3.4	Blue-Green Algae	10 - 40

Summary of UV light studies on Coronaviruses

Microbe	D90 dose (exposure) required	Source
Coronavirus	7 J/m2	Walker 2007
Berne virus (Coronaviridae)	7 J/m2	Weiss 1986
Murine Coronavirus (MHV)	15 J/m2	Hirano 1978
Canine Coronavirus (CCV)	29 J/m2	Saknimit 1988
Murine Coronavirus (MHV)	29 J/m2	Saknimit 1988
SARS Coronavirus CoV-P9	40 J/m2	Duan 2003
Murine Coronavirus (MHV)	103 J/m2	Liu 2003
SARS Coronavirus (Hanoi)	134 J/m2	Kariwa 2004
SARS Coronavirus (Urbani)	241 J/m2	Darnell 2004
Coronavirus	7 J/m2	Walker 2007