

AQUAPRO UV LAMP

Common Microorganisms and Their Corresponding Germicidal Levels

(expressed in $\mu\text{W-sec}/\text{cm}^2$)

A typical Disposable UV lamp produces 32,000 to 35,000 $\mu\text{w-sec}/\text{cm}^2$. Listed below are the UV lamp outputs needed to kill these bacteria:

Bacteria(細菌)	Levels	Algae(藻類)	Levels
Agrobacterium fumafaciens 土壤桿菌	8,500	Chlorella vulgaris (algae) 小綠球藻(海藻)	22,000
Bacillus anthracis 炭疽桿菌	8,700		
Bacillus megaterium (植物)反芻桿菌	2,500		
Bacillus megaterium (孢子)	52,000	Viruses(病毒)	
Bacillus subtilis (植物)枯草桿菌	11,000	Bacteriophage (e.: coli phage) 噬菌體	6,600
Bacillus subtilis (孢子)枯草桿菌	5,800	Hepatitis virus 肝炎病毒	8,000
Clostridium tetani 破傷風梭菌	22,000	Influenza virus 流行性感冒病毒	6,600
Corynebacterium diphtheriae 白喉桿菌	6,500	Poliovirus 脊髓灰質炎病毒	21,000
Escherichia coli 大腸桿菌	7,000	Rotavirus 輪狀病毒	24,000
Legionella bozemanii 退伍軍人菌	3,500		
Legionella dumoffii 退伍軍人菌	5,500	Yeast(酵母)	
Legionella gormanii 退伍軍人菌	4,900	Baker' s yeast 麵包酵母	8,800
Legionella micadei 退伍軍人菌	3,100	Brewer' s yeast 啤酒酵母	6,600
Legionella longbeachae 退伍軍人菌	2,900	Common yeast cake 一般酵母餅	13,200
Legionella pneumophila 退伍軍人菌	3,800	Saccharomyces elipsoideus 葡萄酒酵母	13,200
Leptospira interrogans 鉤端螺旋菌	6,000		
Mycobacterium tuberculosis 結核	10,000		
Neisseria catarrhalis 奈瑟氏菌	8,500		
Proteus vulgaris 普通變型桿菌	6,600		
Pseudomonas aeruginosa (實驗室變異)綠膿桿菌	3,900		
Pseudomonas aeruginosa (環境變異)綠膿桿菌	10,500		
Rhodospirillum rubrum 深紅紅桿菌	6,200		
Salmonella enteritidis 沙門桿菌	7,600		
Salmonella paratyphi 沙門桿菌(傷寒)	6,100		
Salmonella typhimurium 沙門桿菌(鼠菌)	15,200		
Slamonella typhosa 沙門桿菌	6,000		
Sarcina lutea 黃八疊球菌	26,400		
Serratia marcescens 黏質沙雷氏菌	6,200		
Shigella dysenteriae 志賀氏菌	4,200		
Shigella flexneri 志賀氏菌	3,400		
shigella sonnei 志賀氏菌	7,000		
Staphylococcus epidermidis 葡萄球菌	5,800		
Staphylococcus aureus 金色葡萄球菌	7,000		
Streptococcus faecalis 抗萬古黴素腸球菌	10,000		
Streptococcus hemolyticus 溶血鏈球菌	5,500		
Streptococcus lactis 乳酸鏈球菌	8,800		
Streptococcus viridans 草綠色鏈球菌	3,800		
Vibrio cholerae 霍亂弧菌	6,500		