



LABORATORY 實驗室:  S. D. Tsen Lab. Institute of Microbiology & Immunology, NYMU	DATE 日期: 2005/03/30																																	
PROJECT NAME OR COMPOUND NAME 計畫或化合物名稱: Model OH-6800	PROJECT CODE 計畫編號: 94J023																																	
INVESTIGATOR(S) 研究人員:  Dr. Suh-Der Tsen, Jun-Yi Chien	NOTE 備註:																																	
TITLE 標題:  The elimination rate of bacteria using OH-6800 for hand wash																																		
ABSTRACT 摘要:  The product, OH-6800, was provided by Cashido Corporation to test the elimination rate of bacteria for hand wash. Tested bacteria were: E.coli, Staphylococcus aureus, Salmonella typhimurium, Klebsiella pneumoniae and Acinetobacter baumannii.  <b>Test Methods:</b> 1. Coating high concentration of bacteria liquid on hands. 2. Using ozonized water to start processing the hand wash. Washing Time: 10 seconds / 20 seconds / 30 seconds. 3. Calculate the amount of bacteria left on hands after the wash.  <b>Test Results:</b> <table border="1" data-bbox="207 1321 1380 1668"> <thead> <tr> <th rowspan="2"></th> <th rowspan="2">Original Amount of Bacteria</th> <th colspan="3">Elimination Rate of Bacteria(%)</th> </tr> <tr> <th>10 seconds</th> <th>20 seconds</th> <th>30 seconds</th> </tr> </thead> <tbody> <tr> <td>E.coli</td> <td>10<sup>6</sup></td> <td>99.87</td> <td>99.98</td> <td>99.99</td> </tr> <tr> <td>Staphylococcus aureus</td> <td>10<sup>6</sup></td> <td>99.96</td> <td>99.98</td> <td>99.99</td> </tr> <tr> <td>Salmonellatyphimurium</td> <td>10<sup>6</sup></td> <td>99.86</td> <td>99.91</td> <td>99.96</td> </tr> <tr> <td>Klebsiella pneumoniae</td> <td>10<sup>6</sup></td> <td>99.82</td> <td>99.87</td> <td>99.99</td> </tr> <tr> <td>Acinetobacter baumannii</td> <td>10<sup>6</sup></td> <td>99.97</td> <td>99.98</td> <td>99.99</td> </tr> </tbody> </table>			Original Amount of Bacteria	Elimination Rate of Bacteria(%)			10 seconds	20 seconds	30 seconds	E.coli	10 <sup>6</sup>	99.87	99.98	99.99	Staphylococcus aureus	10 <sup>6</sup>	99.96	99.98	99.99	Salmonellatyphimurium	10 <sup>6</sup>	99.86	99.91	99.96	Klebsiella pneumoniae	10 <sup>6</sup>	99.82	99.87	99.99	Acinetobacter baumannii	10 <sup>6</sup>	99.97	99.98	99.99
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KEYWORDS 關鍵字:  ozonized water	CLIENT 實驗委託者:  Cashido Corporation																																	
APPROVED BY 計畫主持人確認: (Please Sign 請簽名)  Suh-Der Tsen, Ph.D. <span style="float: right;">程樹德 April 8, 2005</span>																																		