

# MICROCONSULT, INC.

Microbiological & Analytical Testing Laboratory

**J gcnj hvdJ qo g'F klphevcv'Ergcpgt**

Initiated 1/29/07

Result Date 1/31/07

Organism	Inoculum Level	Average	Log Reduction
<i>E. coli</i> O157 1 Min	3.03 X 10 <sup>5</sup>	No Growth	5.48
<i>E. coli</i> O157 5 Min	3.03 X 10 <sup>5</sup>	No Growth	5.48
<i>E. coli</i> O157 20 Min	3.03 X 10 <sup>5</sup>	No Growth	5.48
<i>P. aeruginosa</i> 1 Min	1.01 X 10 <sup>5</sup>	No Growth	5.00
<i>P. aeruginosa</i> 5 Min	1.01 X 10 <sup>5</sup>	No Growth	5.00
<i>P. aeruginosa</i> 20 Min	1.01 X 10 <sup>5</sup>	No Growth	5.00
<i>S. choleraesuis</i> 1 Min	5.05 X 10 <sup>4</sup>	No Growth	4.70
<i>S. choleraesuis</i> 5 Min	5.05 X 10 <sup>4</sup>	No Growth	4.70
<i>S. choleraesuis</i> 20 Min	5.05 X 10 <sup>4</sup>	No Growth	4.70
<i>E. cloace</i> 1 Min	5.05 X 10 <sup>4</sup>	No Growth	4.70
<i>E. cloace</i> 5 Min	5.05 X 10 <sup>4</sup>	No Growth	4.70
<i>E. cloace</i> 20 Min	5.05 X 10 <sup>4</sup>	No Growth	4.70

Initiated 1/30/07

Result Date 2/2/07

Organism	Inoculum Level	Average	Log Reduction
<i>K. pneumonia</i> 1 Min	4.29 X 10 <sup>6</sup>	No Growth	6.63
<i>K. pneumonia</i> 5 Min	4.29 X 10 <sup>6</sup>	No Growth	6.63
<i>K. pneumonia</i> 20 Min	4.29 X 10 <sup>6</sup>	No Growth	6.63
<i>L. monocytogenes</i> 1 Min	9.39 X 10 <sup>6</sup>	No Growth	6.97
<i>L. monocytogenes</i> 5 Min	9.39 X 10 <sup>6</sup>	No Growth	6.97
<i>L. monocytogenes</i> 20 Min	9.39 X 10 <sup>6</sup>	No Growth	6.97

Completed by \_\_\_\_\_ Date \_\_\_\_\_

Reviewed by \_\_\_\_\_ Date \_\_\_\_\_

# MICROCONSULT, INC.

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**J gcnj hwiJ qo g'F kulp hgevpv'Engcpgt**

Initiated 1/30/07

Result Date 2/2/07

Organism	Inoculum Level	Average	Log Reduction
<i>T. pallescens</i> 1 Min	3.16X 10 <sup>3</sup>	No Growth	3.50
<i>T. pallescens</i> 5 Min	3.16X 10 <sup>3</sup>	No Growth	3.50
<i>T. pallescens</i> 20 Min	3.16X 10 <sup>3</sup>	No Growth	3.50
<i>T. pallescens</i> 24 Hr	3.16X 10 <sup>3</sup>	No Growth	3.50
<i>T. pallescens</i> 72 Hr	3.16X 10 <sup>3</sup>	No Growth	3.50
<i>B. cinerea</i> 1 Min	1.46X 10 <sup>3</sup>	No Growth	3.16
<i>B. cinerea</i> 5 Min	1.46X 10 <sup>3</sup>	No Growth	3.16
<i>B. cinerea</i> 20 Min	1.46X 10 <sup>3</sup>	No Growth	3.16
<i>B. cinerea</i> 24 Hr	1.46X 10 <sup>3</sup>	No Growth	3.16
<i>B. cinerea</i> 72 Hr	1.46X 10 <sup>3</sup>	No Growth	3.16
<i>V. albo-atrum</i> 1 Min	3.94 X 10 <sup>3</sup>	No Growth	3.60
<i>V. albo-atrum</i> 5 Min	3.94 X 10 <sup>3</sup>	No Growth	3.60
<i>V. albo-atrum</i> 20 Min	3.94 X 10 <sup>3</sup>	No Growth	3.60
<i>V. albo-atrum</i> 24 Hr	3.94 X 10 <sup>3</sup>	No Growth	3.60
<i>V. albo-atrum</i> 72 Hr	3.94 X 10 <sup>3</sup>	No Growth	3.60
<i>A. flavus</i> 1 Min	3.54 X 10 <sup>5</sup>	14,000	1.40
<i>A. flavus</i> 5 Min	3.54 X 10 <sup>5</sup>	100	3.55
<i>A. flavus</i> 20 Min	3.54 X 10 <sup>5</sup>	15	4.37
<i>A. flavus</i> 24 Hr	3.54 X 10 <sup>5</sup>	No Growth	5.55
<i>A. flavus</i> 72 Hr	3.54 X 10 <sup>5</sup>	No Growth	5.55

Completed by \_\_\_\_\_ Date \_\_\_\_\_

Reviewed by \_\_\_\_\_ Date \_\_\_\_\_

# MICROCONSULT, INC.

Microbiological & Analytical Testing Laboratory

## Healthful Home Disinfectant Cleaner

Initiated 1/30/07

Result Date 2/2/07

Organism	Inoculum Level	Average	Log Reduction
<i>A. paraciticus</i> 1 Min	6.26 X 10 <sup>5</sup>	34,000	1.27
<i>A. paraciticus</i> 5 Min	6.26 X 10 <sup>5</sup>	125	3.70
<i>A. paraciticus</i> 20 Min	6.26 X 10 <sup>5</sup>	10	4.80
<i>A. paraciticus</i> 24 Hr	6.26 X 10 <sup>5</sup>	5	5.10
<i>A. paraciticus</i> 72 Hr	6.26 X 10 <sup>5</sup>	No Growth	5.80
<i>Penicillium spp.</i> 1 Min	3.21 X 10 <sup>5</sup>	9,500	1.39
<i>Penicillium spp.</i> 5 Min	3.21 X 10 <sup>5</sup>	70	3.52
<i>Penicillium spp.</i> 20 Min	3.21 X 10 <sup>5</sup>	15	4.19
<i>Penicillium spp.</i> 24 Hr	3.21 X 10 <sup>5</sup>	No Growth	5.36
<i>Penicillium spp.</i> 72 Hr	3.21 X 10 <sup>5</sup>	No Growth	5.36
<i>P. digitatum</i> 1 Min	9.39 X 10 <sup>5</sup>	95,000	0.99
<i>P. digitatum</i> 5 Min	9.39 X 10 <sup>5</sup>	390	3.38
<i>P. digitatum</i> 20 Min	9.39 X 10 <sup>5</sup>	No Growth	5.97
<i>P. digitatum</i> 24 Hr	9.39 X 10 <sup>5</sup>	No Growth	5.97
<i>P. digitatum</i> 72 Hr	9.39 X 10 <sup>5</sup>	No Growth	5.97
<i>P. citrinum</i> 1 Min	3.21 X 10 <sup>5</sup>	28,000	1.06
<i>P. citrinum</i> 5 Min	3.21 X 10 <sup>5</sup>	465	2.84
<i>P. citrinum</i> 20 Min	3.21 X 10 <sup>5</sup>	15	4.33
<i>P. citrinum</i> 24 Hr	3.21 X 10 <sup>5</sup>	No Growth	5.51
<i>P. citrinum</i> 72 Hr	3.21 X 10 <sup>5</sup>	No Growth	5.51

Completed by \_\_\_\_\_ Date \_\_\_\_\_

Reviewed by \_\_\_\_\_ Date \_\_\_\_\_

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Microbiological & Analytical Testing Laboratory

## Healthful Home Disinfectant Cleaner

Initiated 1/30/07

Result Date 2/2/07

Organism	Inoculum Level	Average	Log Reduction
<i>R.stolonifer</i> 1 Min	1.01 X 10 <sup>5</sup>	3,500	1.46
<i>R.stolonifer</i> 5 Min	1.01 X 10 <sup>5</sup>	10	4.00
<i>R.stolonifer</i> 20 Min	1.01 X 10 <sup>5</sup>	5	4.31
<i>R.stolonifer</i> 24 Hr	1.01 X 10 <sup>5</sup>	No Growth	5.00
<i>R.stolonifer</i> 72 Hr	1.01 X 10 <sup>5</sup>	No Growth	5.00
<i>S. brevicaulis</i> 1 Min	5.28 X 10 <sup>5</sup>	9,500	1.75
<i>S. brevicaulis</i> 5 Min	5.28 X 10 <sup>5</sup>	35	4.18
<i>S. brevicaulis</i> 20 Min	5.28 X 10 <sup>5</sup>	10	4.72
<i>S. brevicaulis</i> 24 Hr	5.28 X 10 <sup>5</sup>	No Growth	5.72
<i>S. brevicaulis</i> 72 Hr	5.28 X 10 <sup>5</sup>	No Growth	5.72
<i>B. subtilis</i> 1 Min	4.65 X 10 <sup>6</sup>	195	4.38
<i>B. subtilis</i> 5 Min	4.65 X 10 <sup>6</sup>	368	4.10
<i>B. subtilis</i> 20 Min	4.65 X 10 <sup>6</sup>	150	4.49
<i>B. subtilis</i> 24 Hr	2.07 X 10 <sup>6</sup>	130	4.55
<i>B. subtilis</i> 72 Hr	2.07 X 10 <sup>6</sup>	115	4.61
<i>A. niger</i> 24 Hr	2.93 X 10 <sup>5</sup>	No Growth	5.47
<i>A. niger</i> 72 Hr	2.93 X 10 <sup>5</sup>	No Growth	5.47

Initiated 1/31/07

Result Date 2/12/07

Organism	Inoculum Level	Average	Log Reduction
<i>S. pneumoniae</i> 1 Min	1.01 X 10 <sup>5</sup>	No Growth	5.00
<i>S. pneumoniae</i> 5 Min	1.01 X 10 <sup>5</sup>	No Growth	5.00
<i>S. pneumoniae</i> 20 Min	1.01 X 10 <sup>5</sup>	No Growth	5.00

Completed by \_\_\_\_\_ Date \_\_\_\_\_

Reviewed by \_\_\_\_\_ Date \_\_\_\_\_

# MICROCONSULT, INC.

Microbiological & Analytical Testing Laboratory

## Healthful Home Disinfectant Cleaner

Initiated 2/9/07

Result Date 2/12/07

Organism	Inoculum Level	Average	Log Reduction
<i>C. jejuni</i> 1 Min	1.04 X 10 <sup>5</sup>	No Growth	5.02
<i>C. jejuni</i> 5 Min	1.04 X 10 <sup>5</sup>	No Growth	5.02
<i>C. jejuni</i> 20 Min	1.04 X 10 <sup>5</sup>	No Growth	5.02

Initiated 2/13/07

Result Date 2/16/07

Organism	Inoculum Level	Average	Log Reduction
<i>L. pneumophila</i> 1 Min	2.17 X 10 <sup>5</sup>	No Growth	5.34
<i>L. pneumophila</i> 5 Min	2.17 X 10 <sup>5</sup>	No Growth	5.34
<i>L. pneumophila</i> 20 Min	2.17 X 10 <sup>5</sup>	No Growth	5.34

Initiated 2/27/07

Result Date 3/5/07

Organism	Inoculum Level	Average	Log Reduction
<i>H. influenza</i> 1 Min	2.45 X 10 <sup>5</sup>	No Growth	6.39
<i>H. influenza</i> 5 Min	2.45 X 10 <sup>5</sup>	No Growth	6.39
<i>H. influenza</i> 20 Min	2.45 X 10 <sup>5</sup>	No Growth	6.39
<i>N. gonorrhoea</i> 1 Min	5.00 X 10 <sup>5</sup>	No Growth	5.70
<i>N. gonorrhoea</i> 5 Min	5.00 X 10 <sup>5</sup>	No Growth	5.70
<i>N. gonorrhoea</i> 20 Min	5.00 X 10 <sup>5</sup>	No Growth	5.70

Completed by \_\_\_\_\_ Date \_\_\_\_\_

Reviewed by \_\_\_\_\_ Date \_\_\_\_\_

# MICROCONSULT, INC.

Microbiological & Analytical Testing Laboratory

## Healthful Home Disinfectant Cleaner

Initiated 2/27/07

Result Date 2/30/07

Organism	Inoculum Level	Average	Log Reduction
<i>P. sojae</i> 1 Min	5.66 X 10 <sup>4</sup>	55,000	0.01
<i>P. sojae</i> 5 Min	5.66 X 10 <sup>4</sup>	793	1.85
<i>P. sojae</i> 20 Min	5.66 X 10 <sup>4</sup>	75	2.88
<i>P. sojae</i> 24 Hr	5.66 X 10 <sup>4</sup>	No Growth	4.75
<i>P. sojae</i> 72 Hr	5.66 X 10 <sup>4</sup>	No Growth	4.75

Initiated 3/2/07

Result Date 3/7/07

Organism	Inoculum Level	Average	Log Reduction
<i>P. infestans</i> 1 Min	1.38 X 10 <sup>4</sup>	No Growth	4.14
<i>P. infestans</i> 5 Min	1.38 X 10 <sup>4</sup>	No Growth	4.14
<i>P. infestans</i> 20 Min	1.38 X 10 <sup>4</sup>	No Growth	4.14
<i>P. infestans</i> 24 Hr	1.38 X 10 <sup>4</sup>	No Growth	4.14
<i>P. infestans</i> 72 Hr	1.38 X 10 <sup>4</sup>	No Growth	4.14

Completed by \_\_\_\_\_ Date \_\_\_\_\_

Reviewed by \_\_\_\_\_ Date \_\_\_\_\_