

Bot48 Logarithmic Reduction of Organisms

organism	distance (feet)	time (minutes)	log reduction	% reduction
E.coli	5	5	> 5.86 log reduction	>99.9999%
E.coli	5	10	> 5.86 log reduction	>99.9999%
E.coli	10	5	> 5.86 log reduction	>99.9999%
E.coli	10	10	> 5.86 log reduction	>99.9999%
E.coli with soil	5	5	> 3.71 log reduction	>99.9805%
E.coli with soil	5	10	> 3.71 log reduction	>99.9805%
E.coli with soil	10	5	> 3.00 log reduction	>99.9000%
E.coli with soil	10	10	> 3.71 log reduction	>99.9805%
MRSA	5	5	> 5.00 log reduction	>99.9990%
MRSA	5	10	> 5.00 log reduction	>99.9990%
MRSA	10	5	> 4.33 log reduction	>99.9953%
MRSA	10	10	> 5.00 log reduction	>99.9990%
Candida auris	10	5	>3.40 log reduction	>99.9602%
C. diff	10	10	> 2.38 log reduction	>99.5831%