

UNIVERSITY OF NORTH TEXAS

Denton, Texas

This study was conducted at The University of North Texas microbiology laboratories using 30 ppm SilverKare brand Colloidal Silver available off the shelf. This testing was conducted only in petri dishes. These results cannot be considered as evidence of possible performance when taken orally.

MICROORGANISM (strain designation)	CONCENTRATION (CFU/ml)	KILL-TIME
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BACTERIA

Staphylococcus aureus (MRSA)	17.0 billion	< 6 min
Staphylococcus aureus (ATCC6538)	50.0 billion	< 2 min
<i>Staphylococcus epidermis (ATCC12228)</i>	<i>6.5 billion</i>	<i>< 6 min</i>
<i>Enterococcus faecalis (ATCC 19433)</i>	<i>0.4 billion</i>	<i>< 4 min</i>
Pseudomonas aeruginosa (ATCC9027)	26.0 billion	< 4 min
Escherichia coli (ATCC8739)	2.0 billion	< 4 min
<i>Enterobacter cloacae (ATCC23355)</i>	<i>35.0 billion</i>	<i>< 1 min</i>
<i>Klebsiella pneumoniae (ATCC13883)</i>	<i>8.6 billion</i>	<i>< 1 min</i>
<i>Proteus vulgaris (ATCC13312)</i>	<i>6.3 billion</i>	<i>< 1 min</i>
<i>Salmonella typhimurium (ATCC14028)</i>	<i>18.0 billion</i>	<i>< 4 min</i>
<i>Serratia marcescens (ATCC8100)</i>	<i>29.0 billion</i>	<i>< 1 min</i>

FUNGI

Candida albicans (ATTC10231)	6.5 billion	< 1 min
Aspergillus niger (ATTC16404)	3.8 billion	< 1 min
<i>Trichophyton mentagrophytes (ATCC4807)</i>	<i>0.9 billion</i>	<i>< 2 min</i>

MRSA-methicillin-resistant strain;

BOLD PRINT- FDA-Standard strains for antimicrobial susceptibility test

ATCC- American Type Culture Collection

CFU-Colony Forming Unit

< -Less than

KILL-TIME- time until no living microorganisms are detected