

Sanitize with the Activeion™ Pro.



When used as directed, the Activeion Pro removes more than 99.9 percent of the bacteria listed below from non-porous hard surfaces.

ACTIVEION PRO EPA NUMBER:
EPA Est. #086143-MN-001

TO SANITIZE USING THE ACTIVEION PRO, THESE INSTRUCTIONS MUST BE FOLLOWED:

Thoroughly wet the surface with activated water from the Activeion Pro and wipe the surface dry with a clean cloth.

Independent third party certified lab testing shows the Activeion Pro provides for a clean and sanitary* surface (non-porous hard surface).

Greater than a 99.9% reduction* of the following organisms: e-coli, staph, MRSA, listeria, salmonella.



Activeion Pro: Certified Lab Results for Sanitizing

TEST SUBSTANCE IDENTITY

Test Substance Name: Activeion Pro Serial # 0710901727

STUDY DATES

Experiment Start Date: March 26, 2009

Experiment End Date: March 30, 2009

Study Complete Date: April 3, 2009

TEST ORGANISM	ATCC #	CULTURE MEDIUM
Escherichia coli	11229	Synthetic Broth
Listeria monocytogenes	19117	Brain Heart Infusion Broth
Staphylococcus aureus - MRSA	33592	Synthetic Broth
Staphylococcus aureus	6538	Synthetic Broth
Salmonella enterica	10708	Synthetic Broth

The microorganism used in this study was obtained from the American Type Culture Collection (ATCC), Manassas, Virginia.

EXPERIMENTAL DESIGN

A film of bacterial cells dried on a surface of glass slide carriers (3" x 1") was exposed to the test substance for a 4 second spray period at approximately 3-4" from the carrier. After exposure, the carriers were wiped three times left to right with Sponsor provided towelette. The carrier was transferred into individual jars of neutralizing subculture medium and assayed for survivors. Wet carrier quantitation controls were performed per test material and dried carrier quantitation controls were also performed.

INOCULUM COUNT RESULTS

TEST ORGANISM	CFU/mL
Escherichia coli (ATCC 11229)	4.1×10^8
Listeria monocytogenes (ATCC 19117)	1.58×10^8
Staphylococcus aureus - MRSA (ATCC 33592)	8.4×10^7
Staphylococcus aureus (ATCC 6538)	2.8×10^7
Salmonella enterica (ATCC 10708)	5.4×10^8

CALCULATED VALUES

ORGANISM	CARRIER #	CFU/ CARRIER	AVERAGE CFU/ CARRIER	AVERAGE LOG ₁₀	PERCENT REDUCTION*	LOG ₁₀ REDUCTION*
Escherichia coli (ATCC 11229)	1	$<4 \times 10^1$	$<4 \times 10^1$	<1.6	$>99.99\%$	>4.3
	2	$<4 \times 10^1$				
Listeria monocytogenes (ATCC 19117)	1	$<4 \times 10^1$	$<4 \times 10^1$	<1.6	$>99.9\%$	>3.9
	2	$<4 \times 10^1$				
Staphylococcus aureus - MRSA (ATCC 33592)	1	$<4 \times 10^1$	$<4 \times 10^1$	<1.6	$>99.9\%$	>3.8
	2	$<4 \times 10^1$				
Staphylococcus aureus (ATCC 6538)	1	$<4 \times 10^1$	$<4 \times 10^1$	<1.6	$>99.99\%$	>4.0
	2	$<4 \times 10^1$				
Salmonella enterica (ATCC 10708)	1	$<4 \times 10^1$	$<4 \times 10^1$	<1.6	$>99.9\%$	>3.7
	2	$<4 \times 10^1$				

CFU=Colony Forming Unit

*Percent and Log₁₀ Reductions were calculated from the Dry Carrier Quantitation Control.