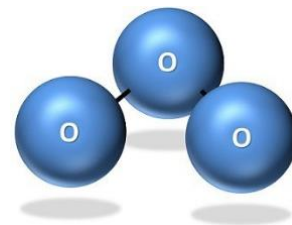


# BioSafe Distributors, LLC



## AQUEOUS OZONE PATHOGEN SUMMARY

Independent laboratory testing of Aqueous Ozone demonstrating its effectiveness and the time it takes to destroy bacteria, viruses, mold and yeast.

MICRO-ORGANISM	GROUP	STANDARD	REDUCTION	TIME
<b>As a food-contact sanitizer on hard, non-porous surfaces</b>				
Escherichia coli (E.coli)	Bacteria	11 229	>99.999%	30 secs
Staphylococcus aureus (Staph)	Bacteria	6 538	>99.999%	30 secs
<b>As a non-food-contact sanitizer on hard, non-porous surfaces</b>				
Listeria monocytogenes	Bacteria	19 115	>99.999%	30 secs
<b>As a non-food-contact sanitizer on hard, non-porous surfaces</b>				
Escherichia coli (E.coli)	Bacteria	11 229	>99.9%	30 secs
Salmonella typhimurium (Salmonella)	Bacteria	1 428	>99.9%	30 secs
<b>As a non-food-contact sanitizer on hard, non-porous surfaces</b>				
Enterococcus hirae	Bacteria	10 541	>99.99%	5 mins
Pseudomonas aeruginosa	Bacteria	15 442	>99.99%	5 mins
Candida albicans	Yeast	10 231	>99.9%	30 mins
Aspergillus niger (A. niger)	Mold	16 404	>99.9%	30 mins
<b>As a food-contact sanitizer on hard, non-porous surfaces</b>				
Enterococcus hirae	Bacteria	10 541	>99.999%	5 mins
Pseudomonas aeruginosa	Bacteria	15 442	>99.999%	5 mins
<b>As an anti-bacterial agent on fresh produce</b>				
Escherichia coli (E.coli)	Bacteria	Fresh Produce Anti-Bacterial Testing	>99.99%	30 secs
Listeria monocytogenes	Bacteria	Fresh Produce Anti-Bacterial Testing	>99.99%	30 secs
<b>Porcine Virus Testing</b>				
Porcine Epidemic Diarrhea virus (PEDv)	Enveloped Virus	Porcine Viral Inactivation Test	>99.9%	1 min
Porcine Reproductive and Respiratory Syndrome virus (PRRSv)	Enveloped Virus	Porcine Viral Inactivation Test	>99.9%	1 min

## AQUEOUS OZONE INDUSTRY AND ACADEMIC TESTING

Results of Aqueous Ozone tested for use as an anti-microbial agent.

MICROBE	SOURCE	REDUCTION	TIME
Bacteriophage F2 (Virus)	Applied and Environmental Microbiology	>99.99999%	5 secs
E. faecalis (Bacteria)	Ozone: Science and Engineering	>99.99999%	3 mins
Hepatitis A (Virus)	Canadian Journal of Microbiology	>99.999%	30 secs
Human Rotovirus Type 2 (Wa)	Applied and Environmental Microbiology	>99.99%	10 secs
Tricophyton Mentagrophytes (Fungi)	NSF Toxicology Group	>99.9999%	30 secs
Enteric Adenovirus (Virus)	International Water Association	>99.9%	30 secs
Norwalk (Virus)	Applied and Environmental Microbiology	>99.9%	10 secs
Feline calicivirus (Virus)	International Water Association	>99.99%	15 secs
Clostridium difficile	Ozone: Science and Engineering	>99.99999%	3 mins
Algae (Algal)	National Center for Biotechnology Information	>99%	5 mins

Aqueous Ozone is approved by the EPA, FDA, USDA, is considered GRAS, and is compliant with the EPA Organic Program as a natural and effective cleaner and sanitizer.