

## OZONE WATER PATHOGEN SUMMARY

### TESTING DONE IN THIRD PARTY LABS IN CHINA

Result showing the power of ozone water and the time required to destroy various bacteria.  
Testing conducted at Guangzhou Testing Center of Industrial Microbiology.

Micro-organism	Group	Contact Time	Reduction
Escherichia coli	Bacteria	30 seconds	99.99%
Staphylococcus aureus	Bacteria	30 seconds	99.99%
Listeria monocytogenes	Bacteria	30 seconds	99.99%
Salmonella enteritidis	Bacteria	30 seconds	99.99%
Candida albicans	Yeast	30 seconds	99.99%
Clostridium difficile	Bacteria	30 seconds	99.99%
Enterococcus faecium	Bacteria	30 seconds	99.99%
Pseudomonas aeruginosa	Bacteria	30 seconds	99.99%

### TESTING DONE IN OVERSEAS TESTING LABS.

Result showing the power of ozone water and the time required to destroy various bacteria under different concentrations

Micro-organism	O3 Water Concentration	Contact Time	Reduction
Escherichia coli	0.96	5 seconds	100%
Staphylococcus aureus	1.08	5 seconds	100%
Pseudomonas aeruginosa	1.01	5 seconds	100%
Clostridium perfringens	0.96	5 seconds	100%
Influenza virus	0.96	5 seconds	100%
Avian encephalomyelitis virus	0.72	5 seconds	100%
Hepatitis contagiosa canis virus	1.2	5 seconds	100%
Canine parvovirus	0.96	5 seconds	100%
Chicken coccidiosis	1.92	30 seconds	100%
Mildew	0.3~0.5	19 seconds	99.9%
Microzyme	0.3~0.5	90 seconds	99.9%
Bacillus subtilis	0.3~0.5	30 seconds	99.9%

## OZONE WATER NON-TOXICITY SUMMARY

### TESTING DONE IN THIRD PARTY LABS IN CHINA

Result from Deposition testing showing ozone water is natural and safe.  
Testing conducted at Guangzhou Quality Supervision and Testing Institute

Testing Items	Animals Tested	Testing Result
Acute oral toxicity test	20 rats	Actually nontoxic
Multiple intact skin irritation test	3 rabbits	No irritation
Acute eye irritation test	3 rabbits	No irritation
PCE micronucleus test in rat bone marrow	50 rats	No micronucleus effects