BioZone™ Destroys H5N1 Viruses

- A reduction of 5.7 logs (99.9998%) in less than 0.44 seconds

The effectiveness of BioZone™ technology in destroying H5N1 virus

Introduction: This is a summary of the tests performed to measure the effectiveness of BioZone™ technology in destroying airborne H5N1 avian influenza virus. The complete report is available upon request.

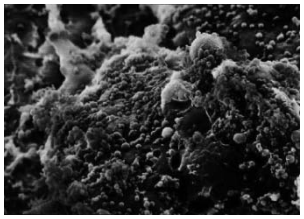
Laboratory: The tests were performed by The Centre National de la Recherche Scientifique (CNRS, The National Scientific Research Centre under the authority of France's Ministry of Research) in bio safety level 3 laboratory in Lyon, France - one of the World Health Organization (WHO) collaborative center for Avian and human influenza viruses.

Method: Influenza strain A/Finch/England/2051/91 H5N2 (316.000.000 viruses/ml) was sprayed as an aerosol into an inlet leading into a purification chamber. The first samples were collected from the inlet before the aerosol entered the purification chamber. In the chamber the virus aerosol was subjected to UV light and photo plasma-based BioZone™ technology for 0.44 seconds, after which the second samples were collected from the outlet. The concentration was then calculated using the "Reed and Muench" statistical method.

Destroys **99.9998%** of H5N1

Results: The tests show that BioZone™ technology destroys the strain of H5N1 virus, reaching 5.7 logs (99.9998%) reduction rate in less than 0.44 seconds.

About BioZone Scientific International



Company: With over a decade of experience in its field, BioZone Scientific International (BSI) researches, develops and manufactures technology-based solutions for microbial contaminant and VOC originated hygiene and odor problems in human environments. BSI develops best-in-class solutions for specific applications in close collaboration with its customers and distributors.

BioZone solutions, based on multi-faceted technology, are extremely efficient in eradication airborne and surface micro organisms such as viruses and bacteria, mold spores, yeasts and algae as well as volatile organic compounds (VOC). Solutions range from general use products to application specific products, for uses such as public restrooms and ice machines.