

News Release



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New tests prove Intervention™ and Prevail™ disinfectants highly effective against ASF

Oakville, Canada – Fears continue to rise around African Swine Fever (ASF), a highly contagious viral disease of domestic and wild pigs which currently has no treatment or vaccine. ASF is killing hundreds of thousands of swine population across Europe, China and Southeast Asia. An outbreak in North America would have a significant economic impact in the pork industry. Virox Technologies® the creators of the patented technology Accelerated Hydrogen Peroxide® (AHP®), recently conducted an independent efficacy test against the virus. Accelerated Hydrogen Peroxide® is found in the Intervention farm disinfectant, known as Intervención in Mexico, and Prevail disinfectants in Canada.

The efficacy testing for both AHP disinfectants was undertaken by the European Reference Laboratory for African Swine Fever in Madrid, Spain. The tests were conducted in accordance with the EN 14675 test method, a protocol specific for testing the virucidal efficacy of chemical disinfectants for use in the veterinary field.

Both Intervention and Prevail achieved complete inactivation of the ASF virus (>5.5 log of virus titer) at the respective recommended dilution rates of 1:64 and 1:40 with a 5 minutes contact time.

The test method employed included the presence of high-level soiling, hard water and was conducted at room temperature (20°C, 68°F), in order to assess both Intervention and Prevail's performance and suitability for use in real world 'on-farm' conditions.

“Our AHP technology has been proven to be highly virucidal against both enveloped and non-enveloped viruses. We were confident both Intervention and Prevail would be effective against ASF, but having direct confirmation gives us and our customer's reassurance.” Dr. José A. Ramirez, MS PhD, Executive Vice President & Lead Science Advisor at Virox Technologies®, explains.

“Until now, the veterinary community has relied on generic chemicals utilized under unrealistic conditions of concentration and contact time for environmental decontamination from ASF. Even the small number of formulated products that have demonstrated efficacy against the virus through direct data are difficult to handle and suffer from less-than ideal occupational safety and environmental profiles.” Ramirez continues. “This study effectively enables a better solution, from the points of ease of use and application, toxicity to animals and workers, as well as lower impact on the environment and materials.”

Beyond producing superior chemistry, Virox Technologies® is committed to providing biosecurity advice and support. We believe that effective disinfection needs to emphasize not only the chemical disinfectant but ancillary activities such as cleaning prior to disinfection, proper product reconstitution/dilution, proper application and reasonable validation of acceptable decontamination.

Engineering Revolutionary Disinfectants for over 20 years

Virox Technologies Inc.[®] has engineered the next generation of disinfectants in the war against microbes. Virox's patented technology, known as Accelerated Hydrogen Peroxide[®] (AHP[®]), is not a mere alternative to legacy disinfectant chemistries – such as phenols, aldehydes (glutaraldehyde, formaldehyde), alcohols, quats, chlorine, etc. – but a game changing technology platform with demonstrable superiority. Virox[®] is dedicated to the development, optimization and adoption of fundamentally new approach to disinfection that has been validated and endorsed by third party reviewers within the scientific community, official regulatory bodies and key opinion leaders in a broad range of industries in the human and animal health markets in over 70 countries. Further information can be found at www.virox.com.

See www.ViroxAnimalHealth.com to find out how you can improve your environmental biosecurity practices.