



Medklinn Cerafusion™ Sterilization Technology  
Efficacy test result by HygCen Germany

## **“99% reduction in airborne germs (aerosols) in a room within the first 10 minutes”**

Germs refer to microscopic viruses (including enveloped viruses), bacteria, fungi, and protozoa that can cause disease.

Coinciding with the formation of Medklinn in Germany and the entry of Medklinn in the UK earlier this year, a research study was commissioned by Medklinn Germany GmbH & Co KG and conducted by HygCen Germany GmbH, an independent research institute certified by the German Accreditation Body (DAkkS) with EN ISO/ IEC 17025 accreditation for disinfectants and medical devices.

The objective of the study was to test the effectiveness of Medklinn Pro AS2 Air & Surface Sterilizer with Cerafusion™ Sterilization Technology in deactivating airborne germs (aerosols) in an enclosed 300sq.ft x 9ft high room. Cerafusion™ Sterilization Technology replicates nature in the sterilization process producing active oxygen – a combination of low-level ozone (0.05ppm - 0.1ppm ambient level) and negative ions.

The test was conducted over 120 minutes against bacteriophages as a surrogate for viral efficacy.

**99% reduction in airborne germs (aerosols) was achieved within the first 10 minutes** of the test. The term "germ" refers to microscopic **bacteria, viruses, fungi, and protozoa** that can cause disease. The HygCen report also states **a comparable efficacy against enveloped viruses, including coronaviruses and influenza viruses.**

This result is consistent with other studies conducted over the last 12 months on the efficacy of low ozone concentration levels in deactivating coronavirus. It is evident now that low and safe levels of ozone (0.05ppm to 0.1ppm ambient level) is indeed effective in deactivating enveloped viruses, including coronaviruses and influenza viruses.



Medklinn Cerafusion™ Sterilization Technology and all its products meet with international health and safety guidelines on the safe use of ozone (<0.1ppm) and have CE marking conforming with European health, safety, and environmental protection standards.

Medklinn have been innovating hygiene for more than 15 years with chemical-free, sustainable sterilization technologies and products for commercial and personal use. The company is committed to technological development and creating new ways to improve quality of life and prevent diseases. Subjecting our sterilization technologies to tests and obtaining validation from universities and scientific research institutions is an on-going practice to ensure that we stay on top of our game.

Medklinn sterilization systems are widely used internationally by leading corporations in recreation, food & beverage, healthcare, hospitality, education, travel, and government amongst others to enhance hygiene and safety.

Log on to [www.medklinn.com](http://www.medklinn.com) to find out more.

We will be happy to help in providing solutions that will enhance hygiene and safety where it matters most.

**Medklinn Air+Surface Sterilizers. Always ON Safety 24/7**