

Tested in an EPA and FDA compliant testing laboratory.



The S400 being tested under EPA and FDA compliant conditions at Microchem Laboratory.

Microchem Laboratory is one of just a few labs in the US to provide custom aerobiological testing services for antimicrobial devices. Their laboratory has the capacity to perform testing with UV devices designed to decontaminate an entire room.

The Scientific Air S400 studies are done by treating aerosolized microorganisms with antimicrobial devices in full room size test chambers. A bioaerosol containing a regulated concentration of microorganisms is generated within the containment chamber to test the ability of Scientific Air S400's patented process using ultraviolet light to kill airborne bacteria, virus, and mold.

Laboratories can not aerosolize pathogens. However, many surrogates are used that are representative of pathogenic microorganisms but with considerably less risk to scientists.

For more information about the bacteria, viruses, and fungal species that are aerosolized for the S400 testing, go our [evidence page](#), and click on any testing results for more information.

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