



AeroClean Technologies Proven to Eliminate the Active Omicron Variant of SARS-CoV-2 in the Air

August 10, 2022

Independent Laboratory Testing Proves The AeroClean Pürgo™ Unit Shows 99.998% Efficacy Against The Highly Transmissible Omicron Variant Of The Virus That Causes Covid-19

PALM BEACH GARDENS, Fla., Aug. 10, 2022 (GLOBE NEWSWIRE) -- [AeroClean Technologies](#) ("AeroClean" or the "Company") (Nasdaq: AERC), a leading air hygiene technology company today announced that independent laboratory testing has proven the company's Pürgo™ air purifier is effective at reducing the viral concentration of the Omicron variant of SARS-CoV-2, the virus that causes COVID-19, which the [CDC](#) identifies as the current dominant variant in the United States.

The independent testing was conducted by Innovative Bioanalysis laboratories to specifically test the efficacy of the AeroClean Pürgo™ units against the Omicron variant of SARS-CoV-2 during a 60-minute test run.¹ The AeroClean Pürgo™ unit demonstrated a significant and quantifiable reduction in the recoverable active Omicron variant of SARS-CoV-2 in indoor air space, as shown by a 94.17% gross reduction after 30 minutes, and a 99.998% gross reduction in the highly transmissible airborne virus after 60 minutes in a room-sized chamber.

"We are very proud that our technology continues to prove its efficacy against harmful pathogens - including the highly contagious Omicron variant of SARS-CoV-2," said AeroClean CEO, Jason DiBona. "These test results offer real-world value when you consider that our Pürgo units can reduce 90% of the active airborne SARS-CoV-2 within indoor spaces in minutes. The efficacy of our safe air technology provides enhanced defense against the risk of spreading dangerous airborne particles indoors, including recent waves of infectious sub-variants, and we're excited to continue our efforts to create long-term, health-focused solutions for evolving IAQ threats."

AeroClean continues to lead efforts in implementing strategies for improving indoor air quality and ventilation as recommended by the [White House](#) as part of the administration's "best practices" guide for building owners and businesses. The Company's Pürgo air sanitization device has proven efficacy of a 4-log reduction rate, eliminating most harmful pathogens in the air by more than 99.99% in real-life spaces.² As part of AeroClean's ongoing commitment to helping businesses and organizations improve IAQ for a healthier and safer world, additional efficacy testing is currently underway on viruses that are known threats to health and business continuity, such as: Influenza, Respiratory Syncytial Virus (RSV), Rhinovirus (the common cold), and other emerging airborne threats.

AeroClean's efficacy test report on the Omicron Variant of SARS-CoV-2 can be available on request by sending an email to info@aeroclean.com. For more information about AeroClean technology and Pürgo™ solutions, visit: www.AeroClean.com.

1. *The FDA has not provided expanded clearance for AeroClean PM-100 devices.*
2. *Please refer to P-100A IFU document. IFU and previous testing reports are available on request.*

About AeroClean Technologies

AeroClean is a pathogen elimination technology company on a mission to keep work, play and life going— by improving indoor air quality. Our air hygiene product, Pürgo™ (pure-go), is an FDA 510(k) cleared, Class II medical device that provides continuous air filtration, sanitization and supplemental ventilation solutions with technology that can be applied in any indoor space - including in hospitals, offices, even in elevators. Pürgo™ products feature SteriDuct™, a proprietary germicidal technology developed by our best-in-class aerospace engineers, medical scientists and innovators that work to eradicate viral, fungal, and bacterial airborne microorganisms. Our purpose is simple: to never stop innovating solutions that keep people healthy and safe, so life never stops. Learn more at aeroclean.com.

Media Contacts:

Drew Tybus
drew@oakpr.com
(973)229-5425

Investor Relations Contact

Ryan Tyler
Chief Financial Officer, AeroClean
RTyler@AeroClean.com

or:

Brian Pinkston
MATTIO Communications
aeroclean@mattio.com



Source: AeroClean Technologies, Inc.