



## After a test of only ten minutes, the EOLIS Manager air purifier eliminates 99.6% of the coronaviruses present in the air.

Both pioneer and expert on indoor air quality issues, **NatéoSanté** has been involved in the fight against **Covid-19** since the beginning of 2020. Moreover, the company was very quickly referenced by the [French Healthcare Association](#) as one of the players participating in the national effort to fight the pandemic. **It has equipped many hospitals with professional air purifiers in France and abroad, including China.**

If the effectiveness of its **EOLIS Air Manager** models, primarily by health professionals' choice, was no longer to be demonstrated in the field, conclusive measurements by a French reference level microbiology laboratory, carried out in October 2020 provide additional confirmation of their performance.

### Tests carried out with an EOLIS Air Manager 600S as standard

After a series of tests, carried out on a strain of human coronavirus (HCoV-229E) very similar to [the SARS-CoV-2 strain](#), the results show that the EOLIS Air Manager professional air purifier **eliminated 99.6% of the coronaviruses present in the test chamber after only 10 minutes of operation.**



This 99.6% efficiency was achieved via a standard EOLIS Air Manager 600S equipped with a Perform+ filter unit including a **HEPA 13 filter** certified according to **NF EN ISO 29463-4 (formerly NF EN 1822-4)**. An aerosol of droplets contaminated with a known concentration of coronavirus was nebulised for five minutes in a hermetically sealed enclosure. The 99.6% abatement rate was then measured after only ten minutes of air treatment at the low speed 2 setting.

[learn more about the test methodology](#)

## The EOLIS Air Manager is effective against the SARS-CoV-2 coronavirus which is responsible for Covid-19

*“The results demonstrated by these tests allow us to affirm that our **EOLIS Air Manager air purifier is effective in eliminating the SARS-CoV-2 coronavirus, responsible for the Covid-19 pandemic, from the ambient air.[...]. These two strains belong to the same coronavirus family and therefore have very similar structures and dimensions and have comparable airborne transmission mechanisms**”* Anaïs Guyomarc’h, Director of Operations and Research & Development at NatéoSanté.

*“Our policy is to communicate only what we can scientifically prove. NateoSanté attaches great importance to having the performance and safety of its technology evaluated. [...]. These successful tests confirm the performance of our professional air purifiers: we have deep experience: **we have been experts in indoor air quality for more than ten years**. It is the excellence of our work, our technological choices and **French-style innovation** that are being recognized [...]. These tests confirm the validity of our technological choices “.* Thierry Ricci, founder and director of NatéoSanté.

### The professional air purifier to secure enclosed and shared spaces

At a time when the risk of viral transmission by aerosols, in addition to droplets and fomites, is acknowledged, barrier measures, physical distancing, wearing a mask and regular ventilation of enclosed spaces all remain the essential responses to protect oneself individually and collectively. In the particular context of a second confinement, which sometimes permits partial or total activity continuation (companies, offices of administrations accessible to the public, in schools, colleges or high schools), **the installation of a professional air purifier completes this health safety system and an additional reassurance of good health.**

Germany has addressed the issue for its schools in particular. In France, the Auvergne-Rhône-Alpes Region is considering a plan to equip the private, as well as the public high schools for which it is responsible. In this context, **NatéoSanté air purifiers have been selected for a series of tests in high schools.**

**The full filtration system & Additional technology described below :**

- **Bactericidal, virucidal and acaricidal coarse filter – certified to EN 1276 and EN 14675**
- **Very high density activated carbon filter (THD)**
- **Medical grade HEPA H13 filter – certified EN 1822-4**
- **A photocatalysis system with germicidal UV-C lamps**



The quality of the **HEPA filters used, certified and tested individually to guarantee their filtration performance: “Only devices equipped with universal class H13 HEPA filters according to standard 1822-1 can effectively stop aerosols.”**

The combination of these filters with other innovative technologies, such as **germicidal UV-C lamps** and the **exclusive Active Oxygen function**, contributes to the performance of EOLIS Air Manager air purifiers on all indoor air pollutants.