
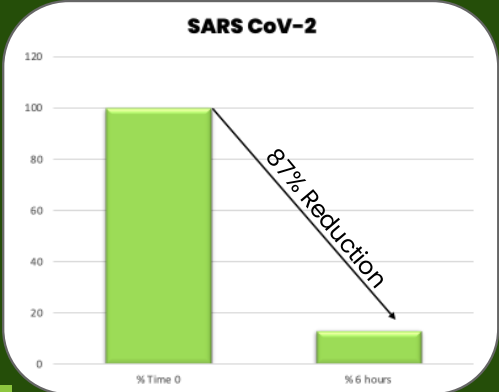


# Greentech Clinical Studies

87% reduction in SARS Cov-2 on solid surfaces in 6 hours

 **Pathogens, particles, and VOC** (oh my).

We scaled down the output of our technology when testing in a 729 cubic ft. controlled chamber to better reflect how it would perform in a **realworld** setting against SARS-CoV2:




Time	% Reduction
% Time 0	100%
% 6 hours	13%

While others overload small chambers with high levels of purification to inflate results, we chose to scale ours back.

We're proud that our technology was able to deliver an **87% reduction in SARS CoV-2 on solid surfaces in only 6 hours.**

>99% reduction in Total Volatile Organic Compounds

99.9% reduction Formaldehyde

 **Pathogens, particles, and VOC** (oh my).

When tested in a **realworld** setting the size of a small office, our technologies successfully reduced TVOCs (including formaldehyde).....

**TVOC and HCHO reading results:**

On 6/21/21, the TVOC readings in room 203 were reported at an elevated level of .7 ppm / 5.00 mg/m<sup>3</sup>. Compared to the outdoor level reported at 0.0 ppm/ 0.21 mg/m<sup>3</sup>. The indoor hallway at 0.0 ppm / .028 mg/m<sup>3</sup>. *This condition in Room 203 would be best described as "odor present, irritation or discomfort possible".*

From 6/22/21 to 6/25/21, 0 ppm of TVOC was reported. From 6/22/21 to 6/28/21 the TVOC levels ranged between .04 to .14 mg/m<sup>3</sup>, consistently lower than the hallway levels. *An overall reduction of > 99%.*

On 6/21/21 the HCHO level (formaldehyde) in suite 203 was reported at 3.27 mg/m<sup>3</sup> compared to .06 mg/m<sup>3</sup> in the hallway and .04 mg/m<sup>3</sup> outside.

From 6/21/21 to 6/25/21 the HCHO levels in room 203 were reported at levels between .01 to .04 mg/m<sup>3</sup>, *Reflecting a > 99.9% reduction.*

## Proof that there were no distinguishable levels of Hydrogen Peroxide Produced, levels far below established TLV or PEL standards.



### Pathogens, particles, and VOC (oh my).

#### Proven to not produce high levels of H<sub>2</sub>O<sub>2</sub> when operating.....

Day 1: report #332118459 - < 0.018 mg/m<sup>3</sup>, < 0.013 ppm (prior to pureAir 750 unit operation)

Day 2: report #332118462 - < 0.018 mg/m<sup>3</sup>, < 0.013 ppm

Day 3: report #332118649 - < 0.018 mg/m<sup>3</sup>, < 0.013 ppm

Day 4: report #332118767 - < 0.018 mg/m<sup>3</sup>, < 0.026 ppm

Day 5: report #332118765 - < 0.018 mg/m<sup>3</sup>, < 0.013 ppm

#### Overview of Findings:

There was no distinguishable level of hydrogen peroxide produced on 4 of the 5 days of testing. On day 4 the level increased by a factor of 2 but at a level not consistent with a sustained increase in airborne concentration. The levels reported were far below established TLV or PEL.