

# The test that sees beyond the surface.

## 3M™ Clean-Trace™ Hygiene Monitoring and Management System

People trust you to identify hygiene risks and keep them under control. A reliable monitoring system is essential and lets you objectively make the high risk decision to start production. This requires more than a simple visual inspection. It requires more rapid results than those given by microbiological tests.

- ▶ **3M Clean-Trace Luminometer and data trending software\***  
1/each



Touchscreen

Bluetooth technology 

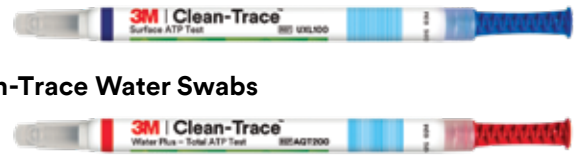
Ergonomic design, comfortable and easy to use

Flexible design helps to collect samples from hard to reach areas

Pre-moistened swab is ready to use

Easy to activate

- ▶ **3M Clean-Trace Surface Swabs UXL100**  
100/case
- ▶ **3M Clean-Trace Water Swabs AQT200**  
100/case



The 3M™ Clean-Trace™ Swabs have a design that makes them easy to use. They are flexible which makes it easy to collect samples even in areas that are hard to reach. Swabs can be activated with a single hand.



\*Computer not included

# Interference of Commercial Sanitizers with 3M™ Clean-Trace™ Surface Swabs

| Commercial Sanitizer               | Sanitizer   | Concentration                      | 3M Clean-Trace Surface ATP Remaining Activity (75% minimum) |
|------------------------------------|---|------------------------------------|---|
| Holchem®Perbac OPD™                | Mixture of peracetic acid, acetic acid and hydrogen peroxide  | 2% - 200 ppm active peracetic acid | 79.8% No interference                                       |
|                                    |   | 4% - 400 ppm active peracetic acid | 77.6% No interference                                       |
| Holchem®Terminol™                  | Mixture of ammonium quaternary salts and amphoteric biocides. | 1% - strength                      | 97.5% No interference                                       |
|                                    |   | 4% - strength                      | 112.6% No interference                                      |
| Sodium hypochlorite Sigma-Aldrich® | Sodium hypochlorite, chlorine base sanitizer.                 | 50 ppm active chlorine – strength  | 94.1% No interference                                       |
|                                    |   | 200 ppm active chlorine – strength | 88.2 % No interference                                      |
| Holchem®Maxifoam Plus™             | Detergent with alkaline foam, rinsed after use.               | 4% - strength                      | 85.3% No interference                                       |
| Crystal Diamond™                   | Amphoteric disinfectant, with other tensoactive reagents.     | 2% - strength                      | 97.7 % No interference                                      |

3M Food Safety. (2015). The effects of commonly used sanitizers on 3M™ Clean-Trace™ Surface ATP Tests. TB.256477.

Microorganisms and organic residue contain adenosine triphosphate (ATP), an indicator of biological residues that can be easily detected to rapidly measure cleaning. Different from other methods, it is a rapid, sensitive, quantitative, efficient and simple method.

The ATP in surfaces can come from:

- Bacteria, yeast and mold
- Cellular content from food residues
- Human cells
- Vegetable residues

|                         | Visual Inspection | Microbiological Test | ATP Detection |
|-------------------------|-------------------|----------------------|---------------|
| Fast                    | +                 | -                    | +             |
| Sensitivity             | -                 | +                    | +             |
| Quantitative            | -                 | +                    | +             |
| Detect product residues | +                 | -                    | +             |
| Simple                  | +                 | -                    | +             |

The 3M Clean-Trace System cannot be used to detect viruses, including coronavirus. Viruses are particles that contain RNA or DNA, but not ATP. The 3M Clean-Trace System does not detect RNA or DNA on surfaces. The absence of ATP does not imply that viruses have been removed from a surface. Even if the ATP test does not target viruses, ATP testing helps verify the effectiveness of your cleaning process, which can help ensure the sanitary condition of the surfaces.

For more information: [https://www.3m.com/3M/en\\_US/food-safety-us/resources/coronavirus/](https://www.3m.com/3M/en_US/food-safety-us/resources/coronavirus/)



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