# TANK

$ClO_2$ SPORICIDAL DISINFECTANT

3 MIN

## MICROBIOLOGICAL EFFICACY SUMMARY

Testing for TANK $ClO_2$ Sporicidal Disinfectant performed in accordance with European Standard EN 14885:2018 and the latest efficacy requirements published for surface disinfectants.

| | ORGANISM | TEST METHOD | TEST TYPE | CONDITIONS |
|---|---|---|---|---|
| SPORICIDAL | *Bacillus subtilis** | EN 17126 | Suspension | Clean 1 |
| | *Bacillus cereus** | | | |
| | *Clostridioides difficile* Formerly *Clostridium difficile* | | | |
| MYCOBACTERICIDAL | *Mycobacterium terrae* | EN 14348 | Suspension | Dirty 2 |
| | *Mycobacterium avium* | | | |
| VIRUCIDAL | Poliovirus Type 1 | EN 14476 | Suspension | Clean 1 |
| | Adenovirus Type 5 | | | |
| | Murine Norovirus | | | |
| YEASTICIDAL | *Candida albicans* | EN 16615 | Surface with Mechanical Action | Clean 1 |
| | *Candida albicans* | EN 13624 | Suspension | Dirty 1 |
| BACTERICIDAL | *Staphylococcus aureus* | EN 16615 | Surface with Mechanical Action | Clean 1 |
| | *Enterococcus hirae* | | | |
| | *Pseudomonas aeruginosa* | | | |
| | *Staphylococcus aureus* | EN 13727 | Suspension | Clean 1 |
| | *Enterococcus hirae* | | | |
| | *Pseudomonas aeruginosa* | | | |

# ADDITIONAL TESTING

| | | | | |
|---|---|---|---|---|
| VIRUS | SARS-CoV-2** | EN 14476 | Suspension | Dirty 2 |

| | | | | |
|---|---|---|---|---|
| BACTERIA | *Staphylococcus aureus* | EN 14561 | Carrier | Clean 1 |
| | *Escherichia coli* | EN 13727 | Suspension | Clean 1 |
| | *Enterococcus faecalis* | | | |
| | *Enterococcus faecium* | | | |
| | *Acinetobacter baumannii* | | | |
| | Methicillin-resistant *Staphylococcus aureus* (MRSA) | | | |
| | Vancomycin Resistant Enterococci (VRE) *Enterococcus faecium* | | | |
| | Carbapenem Resistant Enterobacteriaceae (CRE) *Klebsiella pneumoniae* | | | |
| | Extended Spectrum Beta-Lactamase (ESBL) *Klebsiella pneumoniae* | | | |
| | Multidrug-resistant *Acinetobacter baumannii* (MDRAB) | | | |

## Clean/Dirty Conditions Key:

Clean 1: 0.3 g/l Bovine albumin
Dirty 1: 3 g/l Bovine albumin + 3 g/l sheep erythrocytes
Dirty 2: 5% Fetal bovine serum (FBS)

*Chlorine dioxide solution aged in **TANK** for five days then tested in accordance with EN 17126:2018.

**A representative sample of Tristel chlorine dioxide chemistry has been tested in accordance with EN 14476:2013+A2:2019, at a concentration of 20 parts per million (ppm). **TANK** $ClO_2$ has a chlorine dioxide concentration greater than 20ppm at the point of use.

Microbiological testing is ongoing. For the latest information please contact validation@tristel.com.