

# TITANIUM™

## Sterile Chlorine Dioxide Wipes



### Microbiological Efficacy Summary

Testing performed in accordance to European Standard EN 14885 for disinfectants used in food, industrial, domestic and institutional areas.

	ORGANISM	TEST NORM	LOG REDUCTION REQUIRED	LOG REDUCTION ACHIEVED	TEST TYPE	CONDITIONS
<b>SPORICIDAL</b>	<i>Bacillus subtilis</i>	EN 13704	≥3.0	3.21	Suspension	Clean 1
<b>FUNGICIDAL/ YEASTICIDAL</b>	<i>Candida albicans</i>	EN 1650	≥4.0	>4.44	Suspension	Clean 1
	<i>Aspergillus brasiliensis</i>			>4.31		
	<i>Candida albicans</i>	EN13697	≥3.0	>3.70	Surface disinfection without mechanical action	
<b>BACTERICIDAL</b>	<i>Pseudomonas aeruginosa</i>	EN13697	≥4.0	>5.10	Surface disinfection without mechanical action	Clean 1
	<i>Staphylococcus aureus</i>			>5.70		
	<i>Enterococcus hirae</i>			>5.70		
	<i>Escherichia coli</i>			>5.70		

### Additional Testing

	ORGANISM	TEST NORM	LOG REDUCTION REQUIRED	LOG REDUCTION ACHIEVED	TEST TYPE	CONDITIONS
<b>SPORES</b>	<i>Clostridium difficile</i>	Modified EN13697	≥3.0	>3.48	Surface disinfection modified with mechanical action	Clean 1
	<i>Clostridium difficile</i>	EN13704	≥3.0	4.89	Suspension	
	<i>Bacillus cereus</i>			>3.15		
<b>BACTERIA</b>	<i>Micrococcus luteus</i>	EN 13727	≥5.0	>5.51	Suspension	Clean 1
	<i>Staphylococcus haemolyticus</i>			>5.12		

Clean/Dirty Conditions Key    **Clean 1:** 0.3 g/l bovine albumin