

RESULTS OF DISINFECTION EFFICACY TESTS ON MULTI RESISTANT (BACTERIA – FUNGI/ YEASTS) AND ON VIRUSES

Evaluation of the efficacy of SANIVAP steam disinfection equipment SP400. Number of viable microorganisms on test surfaces before (Nw) and after (N) treatment by the SANIVAP steam disinfection process. Mechanical effect (Nm). Mean of viable microorganisms transferred from the contaminated areas (C4 to C6) to the non-contaminated areas (C1 to C3 and C7 to C15) (N') R: logarithmic reduction.

		MULTI RESISTANT BACTERIA				FUNGI - YEASTS		VIRUSES		
		<i>Pseudomonas aeruginosa</i> Multi R (incl ESBL)	<i>Acinetobacter baumannii</i> Multi R	<i>Klebsiella pneumoniae</i> ESBL	<i>Enterobacter cloacae</i> Carbapenemase	<i>Geotrichum candidum</i> IP 285.54	<i>Aspergillus flavus</i> IP 2464.98	<i>Murine Norovirus</i> TIB-71	<i>Adenovirus type 5</i> CCL-2	<i>Coronavirus</i> CCL-81
Nw (Nb.CFU/ test area)		1,11x10 ⁵	9,56x10 ⁶	1,33x10 ⁶	7,31 10 ⁶	3,8x10 ³	8,9x10 ⁵	4,9	5,0	5,2
Nm (Nb.CFU/test area)		4,23x10 ⁵	9,63x10 ⁶	3,36x10 ⁶	5,44x10 ⁶	4,17x10 ³	6,6x10 ⁵	4,8	4,1	4,7
N (Nb. CFU test area)	Nc ₄	<1	<1	<1	<1	<1	88	<1	<1	<1
	Nc ₅	<1	<1	<1	<1	<1	47	<1	<1	<1
	Nc ₆	<1	1	<1	<1	<1	40	<1	<1	<1
N'	N' C1 to C3 and C7 to C15	<10	<10	<10	<10	<10	11	<10	<10	<10
N'm	N'm C1 to C3 and C7 to C15	<10	<10	<10	<10	<10	<10	<10	<10	<10
Logarithmic reduction R		>5,6	>7,0	>6,5	>6,7	>3,6	>5,0	>4,6	>4,7	>4,9