

Below is a summary of the unaudited test data gathered in project # A07206 (SPS01120908.CUST.2).

In this test, we evaluated the efficacy of the ODOROX Mobile Disinfection Unit against *Aspergillus niger* (ATCC 16404) on stainless steel and cotton fabric carriers after exposures of 48 hours, 72 hours and 96 hours. We inoculated, dried and exposed control carriers, alongside the test, in order to determine the relative organism reduction as compared to the side by side control carrier survivors (See table 1). These results only show the reductions achieved based on the side by side survivors found on the control carriers. These data account for the natural die-off that occurs on the control carriers.

Table 2 summarizes the overall test organism reduction as compared to the starting inoculum (time zero) control carriers.

TABLE 1:

RELATIVE ORGANISM REDUCTION AS COMPARED TO SIDE BY SIDE QUANTITATION CONTROL CARRIERS

Test Substance	Test Organism	Exposure Time	Carrier type	Percent Reduction	Log ₁₀ Reduction
ODOROX Mobile Disinfection Unit (MDU Hydroxyl Generator)	<i>Aspergillus niger</i> (ATCC 16404)	48 hours	Stainless Steel	99.6%	2.5
			Cotton Fabric	88.5%	0.95
		72 hours	Stainless Steel	>99.9%	3.5
			Cotton Fabric	96.0%	1.39
		96 hours	Stainless Steel	>99.9%	>3.5
			Cotton Fabric	99.0%	2.01

TABLE 2:

OVERALL ORGANISM REDUCTION AS COMPARED TO TIME ZERO QUANTITATION CONTROL CARRIERS

Test Substance	Test Organism	Exposure Time	Carrier type	Percent Reduction	Log ₁₀ Reduction
ODOROX Mobile Disinfection Unit (MDU Hydroxyl Generator)	<i>Aspergillus niger</i> (ATCC 16404)	48 hours	Stainless Steel	>99.9%	3.5
			Cotton Fabric	97.0%	1.52
		72 hours	Stainless Steel	>99.99%	4.4
			Cotton Fabric	98.5%	1.81
		96 hours	Stainless Steel	>99.99%	>4.4
			Cotton Fabric	99.6%	2.37

I think these data look great! I hope you do as well. If you have any questions, please let me know.

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