



## BluScientific Test Data

Time period between time of Steri-7 application and virus challenge.	Contact time.	Log <sub>10</sub> reduction in virus viability (mean of 4 samples, 6 replicates/sample)
<b>0 days</b>	5 minutes	4.96 = <b>PASS</b>
	10 minutes	3.92 = <b>PASS</b>
<b>1 day</b>	5 minutes	3.79 = <b>PASS</b>
	10 minutes	3.50 = <b>PASS</b>
<b>3 days</b>	5 minutes	3.84 = <b>PASS</b>
	10 minutes	3.71 = <b>PASS</b>
<b>7 days</b>	5 minutes	3.59 = <b>PASS</b>
	10 minutes	3.54 = <b>PASS</b>

<b>Controls</b>	
CELL CULTURE	Cell death was not observed (4 samples, 6 replicates/sample).
VIRUS	Virus recovered from 4 sample mock treated test plates, 6 replicates per sample = $3.6 \times 10^6$ TISSUE CULTURE INFECTIOUS DOSE <sub>50</sub> (TCID <sub>50</sub> ) units/ml from an applied virus stock of $6.3 \times 10^6$ TCID <sub>50</sub> units/ml.
CYTOTOXICITY	Cytotoxicity was not observed at a greater dilution than $10^{-2}$ . This restricts the sensitivity of the assay to $<2.5 \text{ Log}_{10} \text{ TCID}_{50} \text{ units/ml}$ (4 samples, 6 replicates/sample)
NEUTRALIZATION	Neutralization that enabled viral replication was demonstrated to be effective at dilutions of disinfectant between $10^{-1}$ and $10^{-2}$ (4 samples, 6 replicates/sample).

Signed

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