

Virus inactivation using ECA Water

	Virus Control	Test	Inactivation ratio(%)
Influenza A/H1N1 (seasonal)	$8.35 \times 10^6/\text{mL}$	<100/mL	99.9988
Influenza A (H3N2)	$4.8 \times 10^5/\text{mL}$	<100/mL	99.979
2009 pandemic influenza A/H1N1	$2.7 \times 10^5/\text{mL}$	<100/mL	99.963
Influenza B	$1.3 \times 10^6/\text{mL}$	<100/mL	99.992
HSV-1	$1.155 \times 10^7/\text{mL}$	<100/mL	99.999
Enterovirus 71	$\text{TCID}_{50} = 10^{-4.6}$	$\text{TCID}_{50} < 10^{-1}$	99.98
Coxsackie virus B5	$\text{TCID}_{50} > 10^{-7}$	$\text{TCID}_{50} < 10^{-1}$	99.9999
Echovirus 6	$\text{TCID}_{50} = 10^{-5.88}$	$\text{TCID}_{50} < 10^{-1}$	99.987
Adenovirus	$\text{TCID}_{50} = 10^{-5.4}$	$\text{TCID}_{50} < 10^{-1}$	99.996

Research Excerpt