

## ANTI-BACTERIAL ANALYSIS AND TEST RESULTS SUMMARY

MODEL: **STERIWAND WHITE**

INDEPENDENT TESTER: Gmicro Testing, Detection Centre of Microbiology

TEST YEAR: 2019

DATA SOURCE: Report No 2019SP4952R01D (available on request)

DISTANCE: 1cm from UVC light source (Light Emitting Diode)

EXPOSURE TIME: 20 seconds

### RESULTS

Bacterial Strain	Test Sample	Average CFU of test sample (CFU/test strip)	Average CFU of positive controls (CFU/test strip)	Sterilisation Rate (%)	Sterilisation logarithm (KL)
<i>Escherichia coli</i> ATCC 8099	1	95	$2.2 \times 10^6$	99.99	4.36
	2	$1.1 \times 10^2$	$2.1 \times 10^6$	99.99	4.30
	3	95	$2.2 \times 10^6$	99.99	4.36
	<b>Average Results</b>		<b><math>2.2 \times 10^6</math></b>	<b>99.99%</b>	<b>4.34</b>
<i>Staphylococcus aureus</i> ATCC 6538	1	50	$1.7 \times 10^6$	99.99	4.56
	2	65	$1.9 \times 10^6$	99.99	4.45
	3	80	$1.9 \times 10^6$	99.99	4.36
	<b>Average Results</b>		<b><math>1.9 \times 10^6</math></b>	<b>99.99%</b>	<b>4.46</b>

**CFU** - In microbiology, a colony-forming unit (CFU, cfu, Cfu) is a unit used to estimate the number of viable bacteria or fungal cells in a sample.