

CERTIFICATE OF ANALYSIS

CERTIFICATE NO.

1040799.1A

CUSTOMER

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SAMPLE DETAILS

DATE RECEIVED

09-Oct-20

Antimicrobial Copper Alloy

METHOD: (Determination of Antibacterial Activity using ISO 22196: 2011)

DATE ANALYSED

14-Oct-20

DATE REPORTED

20-Oct-20

RESULTS (AS CFU CM²)

SAMPLE		CONTACT TIME		LOG REDUCTION	% REDUCTION
		0	24		
IMSL Polypropylene	<i>E coli</i>	1.7E+04	2.7E+05		
Antimicrobial Copper Alloy	<i>E coli</i>	1.7E+04	≤ 1.0	≥ 4.2	≥ 99.99
IMSL Polypropylene	<i>S aureus</i>	1.9E+04	7.3E+03		
Antimicrobial Copper Alloy	<i>S aureus</i>	1.9E+04	≤ 1.0	≥ 4.3	≥ 99.99

The above data shows the difference in the population following contact with the surface of the samples listed for 24 hours at 35°C under a RH of > 95% relative to the Initial Population. The sample of Antimicrobial Copper Alloy demonstrated antibacterial activity under the conditions imposed by ISO 22196: 2011

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