

Laboratory Study Report: June 2014

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BioLabTests

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United Kingdom

Client: PGI, Lange Oijen 16, 5433 NG Katwijk, NL
PO Box 15, 5430 AA Cuijk, NL

Products tested: Chicopee Microfiber Plus virgin
Chicopee Microfiber Plus washed
Chicopee Microfiber Light

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Study description: Measuring the efficiency of PGI Microfiber products to remove dried microbial contamination from a stainless steel surface.

Study objective: To quantify what proportion of bacteria are removed from a stainless steel surface, by the product under test using a standard wiping action of that product, from the known number of bacterial cells initially inoculated on that surface.

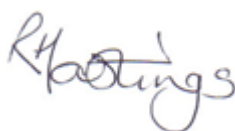
Results:

PGI Microfiber Products included in this study	Bacterium	N ^o cells on SS	Mean N ^o cells recovered/cm ² after wiping	% of cells removed from SS by product
Chicopee Microfiber Plus (virgin)	<i>S. aureus</i>	1.60E +07	Nil	99.998%
	<i>E.coli</i>	5.00E +06	Nil	99.995%
Chicopee Microfiber Plus (washed)	<i>S. aureus</i>	1.60E +07	Nil	99.998%
	<i>E.coli</i>	5.00E +06	Nil	99.995%
Chicopee Microfiber Light	<i>S. aureus</i>	1.60E +07	Nil	99.998%
	<i>E.coli</i>	5.00E +06	Nil	99.995%

Conclusion: The microfiber products Chicopee Microfiber Plus (virgin), Chicopee Microfiber Plus (washed) and Chicopee Microfiber Light examined in this study by their normal use demonstrated the ability to remove > Log 4 numbers of *S. aureus* and *E.coli* bacteria from a stainless steel surface.



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