

Certificate of Analysis

Customer Name:	Patrick Irizarry	Date Received:	15.11.2023
Customer Contact:	PatrickIrizarry@berryglobal.com	Date Analysed:	22.11.2023
Certificate Number:	BL083/2023	Date Reported:	29.11.2023

Measuring the Efficiency of a Wet PGI Microfibre Product to Remove Microbial Contamination from a Stainless-Steel Surface

Products tested: 60gsm 100% Microfibre 2001978

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.

Test product	Bacteria	No. of cells initially inoculated on SS* (CFU)	CFU** recovered after 1 hour (post-wipe)	Log10	% reduction of cells
60gsm 100% Microfibre 2001978	<i>S. aureus</i>	9.10×10^5	2.43×10^2	3.57	99.97%
	<i>E. coli</i>	7.94×10^5	2.00×10^2	3.60	99.97%

Please note; sample was received in a ready to test state from the customer, with the exclusion of the addition of sterile water for the purpose of the test.

*SS = stainless steel

**CFU = colony forming unit

The microfibre products 60gsm 100% Microfibre 2001978 examined in this study by its normal use demonstrated the ability to remove >99% of *S. aureus* and *E. coli* respectively from a stainless-steel surface when the microfibre cloth was pre-moistened.

The percentage reduction determines the number of bacteria that were removed post-wipe. The results used to calculate the percentage reduction were taken from the number of cells initially inoculated on to the stainless steel.



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END OF REPORT

