

Case Study - Masters Thesis performed at University of Applied Sciences, Wels, Austria

In order to examine the effects of in order VRM Biologik® Bio Cleaners against standard Commercial strength cleaners, surfaces were cleaned and examined for contaminants and re-colonisation using conventional, microbiological methods. These controlled tests were completed in various facilities and comparative cleaning agents, products were employed that were used currently in the various test sites for cleaning with all tests done subject to the instructions for use supplied by the manufacturers. In addition, a disinfectant meeting European regulatory requirements was utilised as a reference point in all the test objects.

The results show that directly after the cleaning process, VRM Biologik® Bio-Cleaners and commercial cleaning agents provided virtually identical results and were only slightly surpassed for disinfection capacity by the disinfectant. The results also indicate that the test surfaces subjected to VRM Biologik® Bio-Cleaners remained cleaner for longer than those treated with comparative agents. Above all, this was the case 24 and 48 hours after cleaning, where the absolute frequency of the result of VRM Biologik® Bio-Cleaners were in the 4 bacteria count class (meaning low recontamination). In the comparable products, this value amounted to bacteria count class 5 (meaning significant contamination).

Daniel Haslinger, Fachhochschule, Wels, Austria.

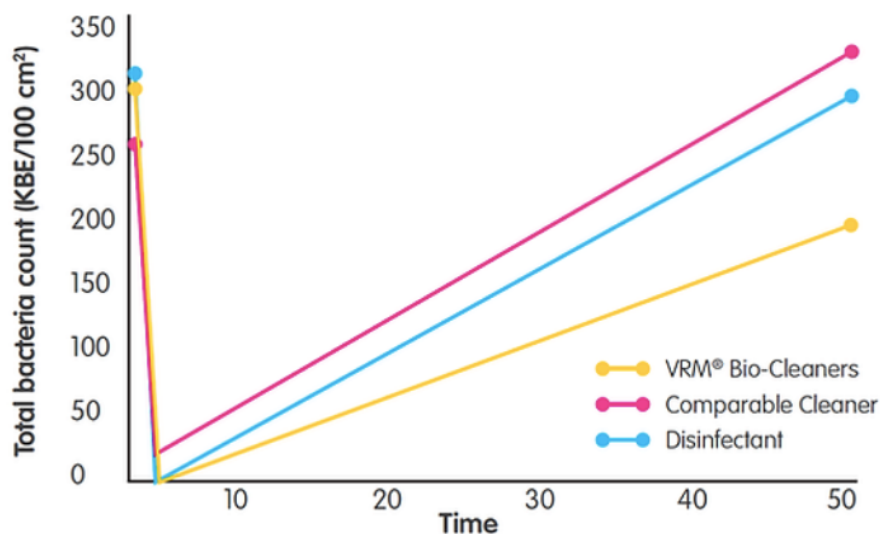


Table 1. Re-contamination rates over time after cleaning - Lower is better! All products reduced contamination immediately after cleaning. Re-growth was lower with VRM® Bio Cleaners.

