



# Analytical Laboratories, Inc.

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Daren,

Analytical Laboratories was able to determine that the “Germinator System” is capable of significantly reducing bacterial populations (specifically *Staphylococcus aureus*) when used in accordance with the accompanying instructions. Through our study, a reduction of 98.9% of the organism was achieved when comparing the soles of a pair of wrestling shoes contaminated with a control culture, and tested both before and after using the “Germinator System”.

This study was conducted in a controlled environment, in a laboratory setting, and utilized an ATCC (American Type Culture Control) *Staphylococcus aureus* (#25923). The control culture was poured onto a nonporous flooring surface and a lab analyst stepped into the culture making sure to cover the entire sole of the provided wrestling shoes. A sterile hydrated sponge was used to test the soles prior to using the “Germinator System”. The analyst then used the “Germinator System”, simulating a wrestler taking the mat, and another sterile hydrated sponge was used to test the soles.

The test results showed that approximately 7,000 CFU (Colony Forming Units) of *Staphylococcus aureus* were present before using the “Germinator System” and approximately 80 CFU were present after use. This reduction of 6,920 CFU shows that the “Germinator System” has the capacity to significantly reduce bacterial pathogens when used as directed.

If you should have any questions or concerns please feel free to contact me here at the laboratory.

Regards,

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