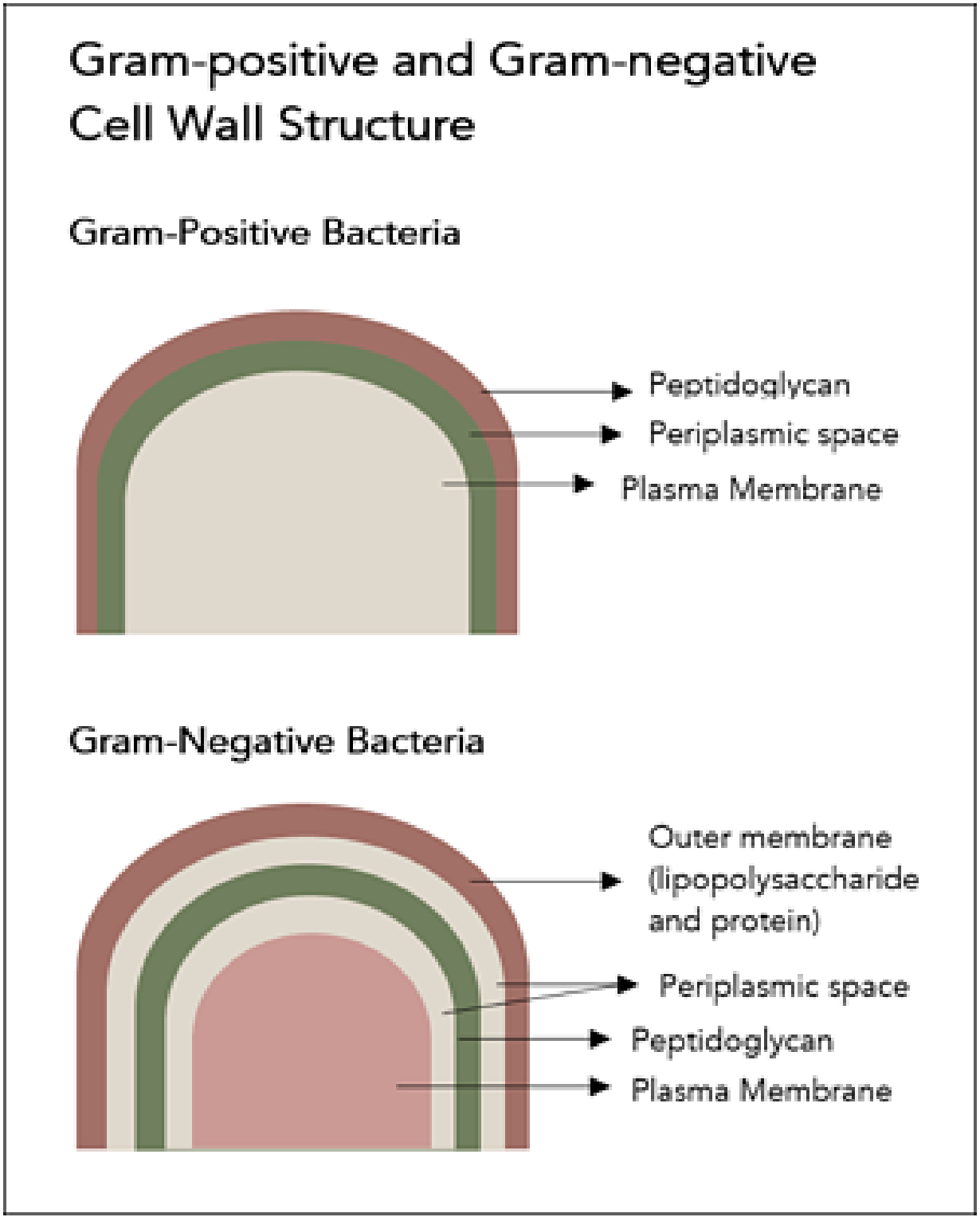
Manuka Oil - 99.9% Microbial Kill Rate
Is Manuka Better than Tea Tree Oil?

A review of bacterial types

Bacteria can be classified based on the chemical and physical properties of their cell wall structure. Their reaction to a gram stain identifies them as either a gram-positive (+ve) or a gram-negative (-ve) type.

Interestingly, various Essential Oils have varying efficacy against each types of bacteria. Our friend, Manuka Oil, is a clear winner for gram positive bacteria.



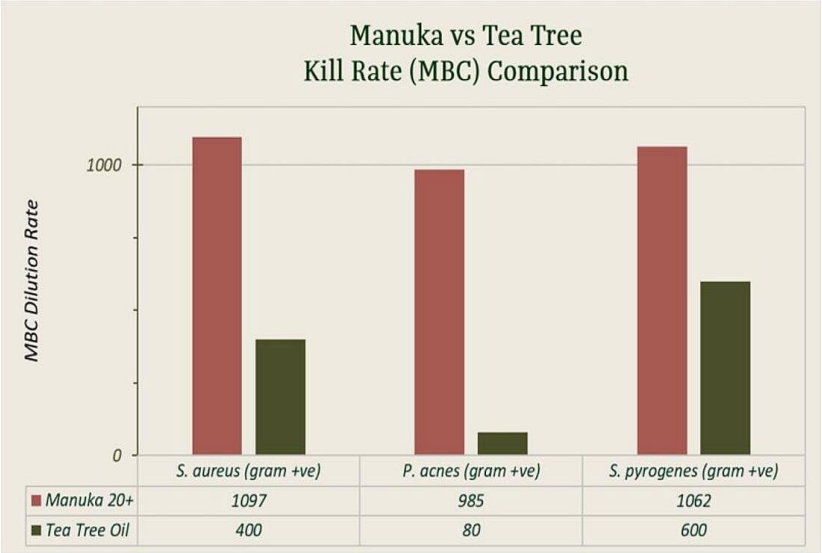
Up to 1500x greater than Tea Tree Oil for gram positive bacteria

The power of Manuka Oil has been scientifically demonstrated and published in numerous peer-reviewed and published studies. Scientists have related Manuka Oil's efficacy to its β-Triketone components. These unique compounds occur naturally in Manuka Oil.
The natural compound with the greatest abundance of β-Triketones, by far, is Manuka Oil. The specific β-Triketones found in Manuka include f**lavesone**, **leptospermone**, i**so-leptospermone** and **grandiflorone**.

Common Gram-Positive Bacteria

- ***Staphylococcus aureus***
- ***Staphylococcus fecalis***
- ***Streptococcus Pyogenes***
- ***Bacillus subtilis***
- ***Propionibacterium acnes***
- ***Listeria monocytogenes***

Manuka Oil has shown to be more effective than Tea Tree Oil when comparing its Bactericidal (MBC) data against a wide range of gram-positive bacteria.



This graph demonstrates the dilution rate of Manuka Oil and Tea Tree Oil to completely kill these three gram-positive bacteria. Manuka Oil is more effective as a bactericidal against these organisms than Tea Tree Oil.

We have compiled a compendium of scientific, peer-reviewed papers and book references that support the 99% kill rate claim.

This compendium also contains studies evaluating Manuka Oil's efficacy when combined with Australian Tea Tree Oil.