

Anti-Fungal Testing
Of
Peaceful Mountain Sinus Rescue

5/15/03

Test Procedure:

The aqueous test solution was buffered with 0.5% beef peptone salt solution to provide a hospitable environment for fungal growth. The inoculation culture of *Candida Albicans* was introduced into the aliquots of test solution and allowed to incubate for a period of 30 minutes at 37 deg. C. The solutions were then sampled and plated where they were incubated for 48 hours. After incubation the cultures were counted.

The tests were performed at Warren Analytical Laboratories.

Test Results:

Solution	Inoculation level	Culture Count	Log Kill ratio
Sinus Rescue	58,000 cfu/ml	2400 cfu/ml	log 1.4
Copper Colloid	58,000 cfu/ml	58,000 cfu/ml	log 0.0
½ Sinus Rescue, ½ Copper	58,000 cfu/ml	26,000 cfu/ml	log 0.5
D.I. water control	NA	58,000 cfu/ml	NA

Analysis:

Since the *Candida Albicans* is a pretty hearty bug, the population reduction from 58,000 to 2400 after a 30 minute exposure represents a reasonable kill (96%). The Copper colloid which is alleged to be anti-fungal performed poorly. The mixture of copper colloid and Sinus Rescue performed as one would expect a diluted Sinus Rescue would perform.

Conclusion:

Considering that sinus infections are predominantly bacterial with some fungal involvement, and considering the far greater kill ratio that the Sinus Rescue exhibits against bacteria, it would seem that the Sinus Rescue offers a broad attenuation of the microbial growths leading to sinusitis.