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To: C. Schmitz Drawing Salve LLC.

Report No.	SCH071417- 22
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## ANTIMICROBIAL EFFICACY / TIME-KILL ANALYSIS REPORT

Product Description: C. Schmitz Drawing Salve  
 Laboratory Reference No.: 7456250 Product Batch/Lot Number: N/A

Microorganisms	Inoculum / g	Colony Forming Units Recovered from Each Gram of Product After								
		30 sec	1 min	2 min	5 min	15 min	30 min	1 hr	4 hrs	8 hr
E. coli (ATCC 8739)	$9.1 \times 10^5$	12400	8200	4080	1710	130	<10	<10	<10	<10
S. aureus (ATCC 6538)	$8.5 \times 10^5$	12600	9300	5160	2310	180	<10	<10	<10	<10
Ent. Cloacae (ATCC 13047)	$6.9 \times 10^5$	6850	2630	890	320	<10	<10	<10	<10	<10
Ps. aeruginosa (ATCC 9027)	$7.2 \times 10^5$	1250	480	20	<10	<10	<10	<10	<10	<10
B. cepacia (ATCC 25416)	$6.6 \times 10^5$	2870	910	240	50	<10	<10	<10	<10	<10
Ps. putida (ATCC 49128)	$5.7 \times 10^5$	1160	390	40	<10	<10	<10	<10	<10	<10
Methicillin-resistant S. aureus (ATCC 33591)	$7.8 \times 10^5$	14200	11700	6840	3110	250	<10	<10	<10	<10
C. albicans (ATCC 10231)	$1.1 \times 10^5$	15800	9500	6350	3800	590	160	<10	<10	<10
(Vegetative)A. brasiliensis (ATCC 16404)	$1.4 \times 10^5$	14100	8200	6100	2900	630	50	<10	<10	<10

(ATCC = American Type Culture Collection; < 10 is the statistical expression of no microbial recovery for the plate count test method)

### **CONCLUSION:**

The formula eliminated 99.999% of bacteria, within 30minutes and 99.99% of Yeast & Mold within 1 hour of coming in contact with the product.

Approved By: \_\_\_\_\_  
 Laboratory Director