

Certificate of Analysis (Revised) *

Work Order #: W9083-001

Contact: Kevin Rose
 Client: JSK Capital LLC
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Quote#: 9784R.1
 Date Received: 04/03/12
 Date Reported: 06/01/12
 Supersedes Report: 05/29/12

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 Method: USP <51> (AET) Antimicrobial Effectiveness and Preparatory Testing
 Reference NB: 7424-19
 Analyst: HJD

For preparatory method suitability, validated recovery of organisms using TSB+IAA broth at 1:10 dilution and plating with SDAL & TSAL.

Initial Inoculum Levels

	Log
S. aureus (ATCC 6538P)	2.2×10^5 cfu/mL = 5.34
P. aeruginosa (ATCC 9027)	2.9×10^5 cfu/mL = 5.46
E. coli (ATCC 8739)	5.0×10^5 cfu/mL = 5.70
C albicans (ATCC 10231)	9.4×10^5 cfu/mL = 5.97
A brasiliensis (ATCC 16404)	2.6×10^5 cfu/mL = 5.41

Log

QC DATA

SDA Blank= 0 TSA blank = 0
 SDA + Saline = 0 TSA + Saline = 0
 SDA + Saline + Tween 80= 0 TSAL = 0
 SDAL= 0 TSAL + Saline = 0
 SDAL + Saline = 0
 SDAL + Saline + Tween 80 = 0

Log 10 change from initial spike Results

Client Marks	Log S. aureus	Log Change	Log P. aeruginosa	Log Change	Log E. coli	Log Change	Log C albicans	Log Change	Log A brasiliensis	Log Change
Day 1	<1	> -4.34	<1	> -4.46	<1	> -4.70	<1	> -4.97	<1	> -4.97
Day 7	<1	> -4.34	<1	> -4.46	<1	> -4.70	<1	> -4.97	<1	> -4.97
Day 14	<1	> -4.34	<1	> -4.46	<1	> -4.70	<1	> -4.97	<1	> -4.97
Day 28	<1	> -4.34	<1	> -4.46	<1	> -4.70	<1	> -4.97	<1	> -4.97

(-) = decrease in log 10 of organism



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Certificate of Analysis (continued)

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Summary: pH of product adjusted to about pH 7
at time of testing. Used TSB+IAA as diluent. SDAL and TSAL used as growth media.

*CofA revised to correct the results for Log S. aureus Day 28 and correct Quote#.

Reviewed and Approved by: _____

A handwritten signature in black ink, appearing to read "Holly Dunham", written over a horizontal line.

Holly Dunham, Ph.D.
Project Manager