

USP Challenge Test of Cellfood

Conducted by Bioscreen Testing Service, Inc. 3892 Del Amo Boulevard, Ste, G-5, Torrance, CA

Date test initiated: 4/17/96 Project # S-081

Date test completed: 5/20/96 Reference# 087p166

What the test means:

The USP Challenge Test is a well-known test showing the ability of a substance to retard the growth of tested pathogens, much like a preservative protects the contents of a bottle. These results show that Cellfood® destroyed all of the five pathogens tested, and they did not return during the entire 28 day testing period.

Sample Description:

ACC#: S00207	Sample: Cellfood®	Test Performed: USP Challenge Test	BTS Method: M101	Reference: USP 23
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Results:

Table Summary

Micro Organism	Initial Inoculum/ml	Day 7	Day 14	Day 21	Day 28
		Colony Forming Units/ml			
A. niger	2.6 x 10 ⁵	<10	<10	<10	<10
B. albicans	2.1 x 10 ⁵	<10	<10	<10	<10
E. coli	1.0 x 10 ⁵	<10	<10	<10	<10
P. aeruginosa	8.7 x 10 ⁵	<10	<10	<10	<10
S. aureus	6.7 x 10 ⁵	<10	<10	<10	<10

Microbiology Analytical Report

ACC#: S00207	Sample: Cellfood®	Test Performed: Zone of Inhibition	Method: M203	Reference: USP 23
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Results:

	ACC. #800227	Neg. Control	Novobiotin
Zone of Inhibition	20.00mm	No Zone	28.95mm

Interpretation:

The pathogen-retarding capability of the product examined is effective if:

A) The concentration of viable bacteria is reduced to not more than 0.1% of the initial concentration by the 14th day;

B) The concentration of viable yeasts and molds remains at or below the initial concentration during the first 14 days, and;

C) The concentration of each test microorganisms remains at or below these designated levels during the remainder of the 28 day test period.