



DATE: 07/27/2023

**CERTIFICATE OF ANALYSIS**

Product: **BIOFILM CAPS**  
Product code : **18683**  
Prepared For: **NUETHIX FORMULATIONS**

Lot No: **2304161**  
Serving Size : **2 Caps**  
Manufacture Date: **06/2023**

**PHYSICAL CHARACTERISTICS**

<u>TEST</u>	<u>SPECIFICATION</u>	<u>RESULT</u>	<u>METHOD</u>
Average Capsule Weight	932mg - 1030mg	982 mg	Balance Reading
Capsule Size	"00"	"00"	Organoleptic
Disintegration	≤ 30 Min	11 Min	USP <2040>
Capsule Color	Natural/Natural	Natural/Natural	Organoleptic
Capsule Type	Hypromellose	Hypromellose	Chemical Test
Blend Color	Beige to Light Brown w/ Spots	Light Brown w/ Spots	Organoleptic

**AMOUNT PER SERVING**

<u>INGREDIENT</u>			
EDTA Calcium Disodium	600mg - 810mg	646.04mg	Titration
Black Cumin Seed Extract 4:1	300mg - 315mg	300mg	PPCS†
Sweet Wormwood Herb Powder	200mg - 210mg	200mg	PPCS†
Thyme Leaf Extract 4:1	50mg - 52.5mg	50mg	PPCS†
Cinnamon Bark Extract 10:1	50mg - 52.5mg	50mg	PPCS†
Clove Stem Powder	50mg - 52.5mg	50mg	PPCS†
<b>Enzyme Blend</b>	265.21mg - 305mg	291.73mg	PPCS†
Serratopeptidase			
Peptidase			
Fungal Protease			
Cellulase			
Hemicellulase			
Glucoamylase			
Beta Glucanase			

**CONTAMINANTS**

<u>MICROBIOLOGICAL</u>			
Total Aerobic Plate Count	<10 <sup>7</sup> cfu/g	800 cfu/g	USP<61>
Total Yeast and Mold (Y&M)	<10 <sup>5</sup> cfu/g	<10 cfu/g	USP<61>
Enterobacteriaceae	<10 <sup>4</sup> cfu/g	<10 cfu/g	USP<62>
Salmonella spp.	Absent	Absent	USP<62>
E. Coli	Absent	Absent	USP<62>
Staphylococcus aureus	Absent	Absent	USP<62>

**HEAVY METALS:**

Mercury (2µg/day)	≤ 0.2682 ppm	<0.001 ppm	ICP/MS
Lead (8.8µg/day)	≤ 1.1803 ppm	0.0050 ppm	ICP/MS
Arsenic (10µg/day)	≤ 1.3412 ppm	0.0244 ppm	ICP/MS
Cadmium (4.1µg/day)	≤ 0.5499 ppm	<0.001 ppm	ICP/MS

†In accordance with 21 CFR § 111.75 (c) or (d) ingredient is exempt from testing. Result is substantiated through component testing and/or examination; in-process testing, examination, and/or monitoring; and other aspects of the established Production and Process Control System (PPCS).



<b><u>GLUTEN</u></b>	NMT 20 ppm	< 4 ppm	ELISA
<b><u>B-LACTOGLOBULIN</u></b>	Not Detected (LOQ 5.0 ppm)	< 5ppm	ELISA
<b><u>CASEIN</u></b>	Not Detected (LOQ 2.5 ppm)	< 2.5ppm	ELISA

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