



# NuEthix

FORMULATIONS

DATE: 09/07/2023

## CERTIFICATE OF ANALYSIS

Product: **CORT-EAZE CAPS**  
 Product code : **18155**  
 Prepared For: **NUETHIX FORMULATIONS**

Lot No: **2305043**  
 Serving Size : **2 Caps**  
 Manufacture Date: **07/2023**

### PHYSICAL CHARACTERISTICS

<u>TEST</u>	<u>SPECIFICATION</u>	<u>RESULT</u>	<u>METHOD</u>
Average Capsule Weight	760mg - 840mg	800 mg	Balance Reading
Capsule Size	"00"	"00"	Organoleptic
Disintegration	≤ 30 Min	11 Mins	USP <2040>
Capsule Color	Natural/Natural	Natural/Natural	Organoleptic
Capsule Type	Hypromellose	Hypromellose	Chemical Test
Blend Color	Brown w/Spots	Brown w/Spots	Organoleptic

### AMOUNT PER SERVING

<u>INGREDIENT</u>			
Maral Root Extract 4:1	300mg - 315mg	300mg	PPCS‡
Relora™ (Magnolia Officinalis Bark Ext And Phellodendron Amurense Bark Ext)	250mg - 350mg	262.5mg	PPCS‡
Rhodiola Rosea Root Powder	250mg - 262.5mg	250mg	PPCS‡
Sensoril® (Ashwagandha Root And Leaf Std Extract With 10% Of Withanolides)	150mg - 165mg	157.50mg	PPCS‡
Suntheanine® (L-Theanine)	100mg - 125mg	118.7mg	HPLC
Phosphatidyl Serine (From Sunflower)	100mg - 110mg	105mg	PPCS‡

### CONTAMINANTS

<u>MICROBIOLOGICAL</u>			
Total Aerobic Plate Count	<10 <sup>7</sup> cfu/g	600 cfu/g	USP<61>
Total Yeast and Mold (Y&M)	<10 <sup>5</sup> cfu/g	100 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)	≤ 1.3158 ppm	0.0049 ppm	ICP/MS
Lead (8.8µg/day)	≤ 5.7895 ppm	0.2569 ppm	ICP/MS
Arsenic (10µg/day)	≤ 6.5789 ppm	0.1718 ppm	ICP/MS
Cadmium (4.1µg/day)	≤ 2.6974 ppm	0.0105 ppm	ICP/MS

  
**QUALITY CONTROL**  
**BACTOLAC PHARMACEUTICAL, INC.**

‡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).