

DATE: 03/21/2023

CERTIFICATE OF ANALYSIS

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

Lot No: **2212081**
Serving Size : **2 Caps**
Manufacture Date: **02/2023**

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	337.33mg	HPLC
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	105mg	PPCS†
Phosphatidyl Serine (From Sunflower)	100mg - 110mg	105mg	PPCS†

CONTAMINANTS

MICROBIOLOGICAL

Total Aerobic Plate Count	<10 ⁷ cfu/g	200 cfu/g	USP<61>
Total Yeast and Mold (Y&M)	<10 ⁵ cfu/g	<10 cfu/g	USP<61>
Enterobacteriaceae	<10 ⁴ 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	0.0074 ppm	ICP/MS
Lead (8.8µg/day)	≤ 5.7895 ppm	4.3844 ppm	ICP/MS
Arsenic (10µg/day)	≤ 6.5789 ppm	0.2071 ppm	ICP/MS
Cadmium (4.1µg/day)	≤ 2.6974 ppm	0.0121 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).