

DATE: 09/27/2022

CERTIFICATE OF ANALYSIS

Product: **ESTRO-CORT CAPS**
Product code : **18207**
Prepared For: **NUETHIX FORMULATIONS**

Lot No: **2206368**
Serving Size : **2 Caps**
Manufacture Date: **08/2022**

PHYSICAL CHARACTERISTICS

<u>TEST</u>	<u>SPECIFICATION</u>	<u>RESULT</u>	<u>METHOD</u>
Average Capsule Weight	855mg – 945mg	920 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	Beige to Brown w/Spots	Light Brown w/Spots	Organoleptic

UNIT PER SERVING

INGREDIENT

Calcium (as Calcium-D-Glucarate)	10.5mg - 13.65mg	12.68mg	ICP-OES
Zinc (as Zinc Picolinate)	30mg - 39mg	34.06mg	ICP-OES
Holy Basil Leaf Extract 2% Ursolic Acid	250mg - 350mg	262.5mg	PPCS†
Ashwagandha Root Powder	250mg - 262.5mg	250mg	PPCS†
DIM (Diindolylmethane)	200mg - 250mg	228.06mg	HPLC
Chrysin	150mg - 187.5mg	157.5mg	PPCS†
Rhodiola Rosea Root Extract 3%		94.5mg	PPCS†
Rosavins And 1% Salidroside	90mg - 99mg		
Indole-3-Carbonyl	50mg - 62.5mg	52.5mg	PPCS†
Boron (as Boron Amino Acid Chelate)	10mg - 16.5mg	13.34mg	ICP-OES

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)	≤ 1.1696 ppm	0.0021 ppm	ICP/MS
Lead (12.5µg/day)	≤ 7.3099 ppm	0.2021 ppm	ICP/MS
Arsenic (10µg/day)	≤ 5.8480 ppm	0.0636 ppm	ICP/MS
Cadmium (4.1µg/day)	≤ 2.3977 ppm	0.0298 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).