



DATE: **04/20/2023**

**CERTIFICATE OF ANALYSIS**

Product: **ADRENA HEALTH CAPS**  
 Product code : **18537**  
 Prepared For: **NUETHIX FORMULATIONS**

Lot No: **2301333**  
 Serving Size : **4 Caps**  
 Manufacture Date: **03/2023**

**PHYSICAL CHARACTERISTICS**

<b><u>TEST</u></b>	<b><u>SPECIFICATION</u></b>	<b><u>RESULT</u></b>	<b><u>METHOD</u></b>
Average Capsule Weight	998mg - 1103mg	1062 mg	Balance Reading
Capsule Size	"00" Elongated"	"00" Elongated	Organoleptic
Disintegration	≤ 30 Min	11 Mins	USP <2040>
Capsule Color	Natural/Natural	Natural/Natural	Organoleptic
Capsule Type	Hypromellose	Hypromellose	Chemical Test
Blend Color	Off White to Light Brown w/Spots	Light Brown w/Spots	Organoleptic

**AMOUNT PER SERVING**

<b><u>INGREDIENT</u></b>			
Vitamin C (Ascorbic Acid)	240mg - 408mg	261mg	Titration
Vitamin B6 (As Pyridoxine HCl)	100mg - 170mg	122.24mg	HPLC
Pantothenic Acid (As Calcium-D-Pantothenate)	500mg - 800mg	550mg	PPCS‡
Calcium (As DIMACAL® Dicalcium Malate)	200mg - 322.36mg	259.4mg	ICP-OES
Magnesium (As Magnesium Citrate & Traacs® Magnesium Bisglycinate Chelate)	200mg - 260mg	219.96mg	ICP-OES
Adrenal (Suprarenal Substance) Glandular (Bovine)	300mg - 330mg	315mg	PPCS‡
Hypothalamus Substance (Bovine)	200mg - 220mg	210mg	PPCS‡

**CONTAMINANTS**

<b><u>MICROBIOLOGICAL</u></b>			
Total Aerobic Plate Count	<10 <sup>4</sup> cfu/g	450 cfu/g	USP<61>
Total Yeast and Mold (Y&M)	<10 <sup>3</sup> cfu/g	<10 cfu/g	USP<61>
Enterobacteriaceae	<10 <sup>2</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>

‡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).



**NuEthix**  
FORMULATIONS

**HEAVY METALS:**

Mercury (2µg/day)	≤ 0.5010 ppm	0.0069 ppm	ICP/MS
Lead (8.8µg/day)	≤ 2.2044 ppm	0.0150 ppm	ICP/MS
Arsenic (10µg/day)	≤ 2.5050 ppm	0.0364 ppm	ICP/MS
Cadmium (4.1µg/day)	≤ 1.0271 ppm	0.0182 ppm	ICP/MS

**GLUTEN**

NMT 20 ppm                      < 4 ppm                      ELISA

**B-LACTOGLOBULIN**

Not Detected (LOQ 5.0 ppm)                      < 5ppm                      ELISA

**CASEIN**

Not Detected (LOQ 2.5 ppm)                      < 2.5ppm                      ELISA

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

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