

DATE: 06/04/2024

CERTIFICATE OF ANALYSIS

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

Lot No: **2403071**
 Serving Size : **4 Caps**
 Manufacture Date: **04/2024**

PHYSICAL CHARACTERISTICS

<u>TEST</u>	<u>SPECIFICATION</u>	<u>RESULT</u>	<u>METHOD</u>
Average Capsule Weight	998mg – 1103mg	1068 mg	Balance Reading
Capsule Size	“00” Elongated”	“00” Elongated	Organoleptic
Disintegration	≤ 30 Min	12 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

<u>INGREDIENT</u>			
Vitamin C (Ascorbic Acid)	240mg - 408mg	275.68mg	Titration
Vitamin B6 (As Pyridoxine HCl)	100mg - 170mg	113.12mg	HPLC
Pantothenic Acid (As Calcium-D-Pantothenate)	500mg - 800mg	550mg	PPCS†
Calcium (As DIMACAL® Dicalcium Malate)	200mg - 322.36mg	250.2mg	ICP-OES
Magnesium (As Magnesium Citrate & Traacs® Magnesium Bisglycinate Chelate)	200mg - 260mg	245.04mg	ICP-OES
Adrenal (Suprarenal Substance)	300mg - 330mg	315mg	PPCS†
Glandular (Bovine)			
Hypothalamus Substance (Bovine)	200mg - 220mg	210mg	PPCS†

CONTAMINANTS

<u>MICROBIOLOGICAL</u>			
Total Aerobic Plate Count	<10 ⁴ cfu/g	200 cfu/g	USP<61>
Total Yeast and Mold (Y&M)	<10 ³ cfu/g	<10 cfu/g	USP<61>
Enterobacteriaceae	<10 ² 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).

HEAVY METALS:

Mercury (2µg/day)	≤ 0.5010 ppm	0.0001 ppm	ICP/MS
Lead (8.8µg/day)	≤ 2.2044 ppm	0.0093 ppm	ICP/MS
Arsenic (10µg/day)	≤ 2.5050 ppm	0.1166 ppm	ICP/MS
Cadmium (4.1µg/day)	≤ 1.0271 ppm	0.0203 ppm	ICP/MS

GLUTEN

NMT 20 ppm	< 4 ppm	ELISA
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B-LACTOGLOBULIN

Not Detected (LOQ 5.0 ppm)	< 5ppm	ELISA
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CASEIN

Not Detected (LOQ 2.5 ppm)	< 2.5ppm	ELISA
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