

Certificate of Analysis

Report Issued To: Natrium Health, 82055 S. Priest Dr #11750, Tempe, AZ 85284

Product Information			
Product Name:	CistaMAX Capsules Optimized Cistanche	CoA #:	ND-24-978
Product Size:	60 count	Lot Number:	CTMCS2011124
Production Date:	01/12/2024	Capsule Batch #:	CTMCSLL0124VEG
Report Date:	01/12/2024	Capsule Material:	Vegetable Capsule
Best By Date:	01/2026	Capsule Size:	Size 00
Appearance:	Brown powder in clear capsule	Capsule Color:	Clear
Other Ingredients:	Maltodextrin, Silicon Dioxide, Vegetable Cellulose		

Organoleptic Testing Results:

Test	Specification	Result	Pass/Fail
Color	Org. Tube # 2303	Conforms	Pass
Smell	Org. Tube # 2303	Conforms	Pass

Physical Testing Results:

Test	Specification	Result	Pass/Fail
Capsule Fill Weight	≥688mg/capsule	688mg/capsule	Pass
Capsule Mass Test	USP <2091> Test 1	808mg/capsule	Pass

Ingredients

Ingredient Name	Content	Raw Material Batch #	Raw Material Spec #
Cistanche tubulosa 50% Echinacoside + 10% Acetoside	100mg/capsule	CTA0871023	249_v6
Cistanche tubulosa supercritical CO2 extract	105mg/capsule	CTC0871223	587_v1
Cistanche Powder Non extracted	300mg/capsule	CTP0871023	573_v2
Primavie	150mg/capsule	PMV0210623	016_v10
DHEA	2.5mg/capsule	DHEA0421123	580_v1
Pregnenolone	2.5mg/capsule	PMP0330323	535_v1

Analytical Testing

Test	Method	Methodology	Specification	Result	Pass/Fail
Identity (<i>Cistanche tubulosa</i> , stem)	LAB TM-125	HPTLC	Sample Bands Match Reference Bands	Conforms	Pass
Identity (<i>Cistanche tubulosa</i> , stem)	LAB TM-125	HPTLC	Matches to BRM	Conforms	Pass
Identity - (<i>Cistanche tubulosa</i> , stem)	LAB TM-125	HPTLC	Sample Bands Match Reference Bands	Conforms	Pass
Identity - Primavie (<i>Asphaltum punjabianum</i>)	LAB TM-092	HPTLC	Matches to Reference Material	Conforms	Pass
Identity- DHEA	LAB TM-001	FTIR	≥95%	New Entry	Pass
Identity - Pregnenolone Micronized	LAB TM-001	FTIR	≥95%	100%	Pass
Assay - Echinacoside	LAB TM-132	UPLC	≥ 85mg/capsule	86.3mg/capsule	Pass
Assay - Verbascoside	LAB TM-132	UPLC	≥ 33mg/capsule	39.9mg/capsule	Pass
Assay - Dihydroepiandrosterone (as-is)	LAB TM-249	UPLC	≥ 2.5mg/capsule	2.7mg/capsule	Pass
Assay - Pregnenolone (dry basis)	LAB TM-218	UPLC	≥ 2.5mg/capsule	2.7mg/capsule	Pass

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Heavy Metals	ICP-MS Metals - USP <233>/<730> Apex Metals-011/Metals-008	ICP/ICPMS	< 1.0 ppm ea.	As 0.483 ppm	Pass
				Cd 0.068 ppm	
				Hg 0.012 ppm	
				Pb 0.598 ppm	
Water Activity	LAB TM-012	Water Activity	< 0.73	0.30	Pass

Final Approval



Kennedi Enoch, Quality Liaison

