

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

| Product Information |                                         |                   |                   |
|---------------------|-----------------------------------------|-------------------|-------------------|
| Product Name:       | CistaMAX Capsules   Optimized Cistanche | CoA #:            | ND-25-354         |
| Product Size:       | 60 count                                | Lot Number:       | CTMCS1020425      |
| Production Date:    | 02/04/2025                              | Capsule Batch #:  | CTMCSSL0824VEG    |
| Report Date:        | 02/04/2025                              | Capsule Material: | Vegetable Capsule |
| Best By Date:       | 02/2028                                 | Capsule Size      | Size 00           |
| Appearance:         | Brown powder in clear capsule           | Capsule Color:    | Clear             |
| Other Ingredients:  | N/A                                     |                   |                   |

## 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 | ≥680mg/capsule    | 683.2mg/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 | CTA0870723           | 249_v6              |
| Cistanche tubulosa supercritical CO2 extract        | 105mg/capsule | CTC0870624           | 587_v2              |
| Cistanche Powder Non extracted                      | 300mg/capsule | CTP0870724           | 573_v5              |
| Primavie                                            | 150mg/capsule | PMV0210724           | 016_v12             |
| DHEA                                                | 2.5mg/capsule | DHEA0421123          | 580_v1              |
| Pregnenolone                                        | 2.5mg/capsule | PMP0330724           | 535_v2              |

## 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%                               | Conforms       | Pass      |
| Identity - Pregnenolone Micronized                   | LAB TM-001 | FTIR        | ≥95%                               | 100%           | Pass      |
| Assay - Echinacoside (dry basis)                     | LAB TM-132 | UPLC        | ≥ 85mg/capsule                     | 92.1mg/capsule | Pass      |
| Assay - Verbascoside (dry basis)                     | LAB TM-132 | UPLC        | ≥ 33mg/capsule                     | 38.2mg/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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| Test           | Method                                                           | Methodology    | Specification | Result | Pass/Fail  |
|----------------|------------------------------------------------------------------|----------------|---------------|--------|------------|
| Heavy Metals   | ICP-MS Metals - USP<br><233>/<730> Apex<br>Metals-011/Metals-008 | ICP/ICPMS      | < 1.0 ppm ea. | As     | 0.4452 ppm |
|                |                                                                  |                |               | Cd     | 0.0416 ppm |
|                |                                                                  |                |               | Hg     | 0.0104 ppm |
|                |                                                                  |                |               | Pb     | 0.4148 ppm |
|                |                                                                  |                |               |        | Pass       |
| Water Activity | LAB TM-012                                                       | Water Activity | < 0.73        | 0.26   | Pass       |

Final Approval



Kennedi Enoch, Quality Liaison

