

Certificate of Analysis

Report Issued To: Nootropics Depot | 8380 S. Kyrene Rd., Suite 110, Tempe, AZ 85284

| Product Information | | | |
|---------------------|---------------------------------------|-------------------|---------------------|
| Product Name: | Relievex Capsules | CoA #: | ND-24-1045 |
| Product Size: | 60 count | Lot Number: | REXCS1071224 |
| Production Date: | 07/19/2024 | Capsule Batch #: | REXCSLL0724VEG |
| Report Date: | 07/19/2024 | Capsule Material: | Vegetable Cellulose |
| Best By Date: | 07/2027 | Capsule Size | 00 |
| Appearance: | Light brown powder in a clear capsule | Capsule Color: | Light brown |
| Other Ingredients: | Stearic Acid | | |

Organoleptic Testing Results:

| Test | Specification | Result | Pass/Fail |
|-------|-----------------|----------|-----------|
| Color | Org. Tube # 305 | Conforms | Pass |
| Smell | Org. Tube # 305 | Conforms | Pass |

Physical Testing Results:

| Test | Specification | Result | Pass/Fail |
|---------------------|-------------------|---------------|-----------|
| Capsule Fill Weight | ≥733mg/capsule | 747mg/capsule | Pass |
| Capsule Mass Test | USP <2091> Test 1 | 872mg/capsule | Pass |

Ingredients

| Ingredient Name | Content | Raw Material Batch # | Raw Material Spec # |
|-----------------------|---------------|----------------------|---------------------|
| Kava 10% | 250mg/capsule | KAV0630822 | 248 |
| Lemon Balm 10:1 | 125mg/capsule | LBM0200424 | 010_v9 |
| BosliqAKBA | 100mg/capsule | BSL0830624 | 578_v3 |
| Ginger Extracted 10% | 100mg/capsule | GCO0140224 | 536_v3 |
| Palmitoylethanolamide | 100mg/capsule | PEA0760923B | 085_v5 |
| Maca 5% | 50mg/capsule | MAC60571122 | 502 |
| Tetrahydromagnolol | 5mg/capsule | TET0570922 | 274 |
| Piperine | 3mg/capsule | PPR0090424 | 148_v4 |

Analytical Testing

| Test | Method | Methodology | Specification | Result | Pass/Fail |
|---|------------|-------------|-------------------------------|-------------------------------|-----------|
| Identification (Piper methysticum root) | LAB TM-115 | HPTLC | Matches to BRM | Conforms | Pass |
| Identity (<i>Melissa officinalis</i> , leaf) | LAB TM-050 | HPTLC | Matches to BRM | Matches to BRM | Pass |
| Identity - (<i>Boswellia sacra</i> , resin) | LAB TM-211 | HPTLC | Matches to Reference Material | Matches to Reference Material | Pass |
| Identity - (<i>Zingiber officinale</i> , root) | LAB TM-145 | HPTLC | Matches to BRM | Conforms | Pass |
| Identity Palmitoylethanolamide Micronized | LAB TM-001 | FTIR | ≥ 95% match | 99% match | Pass |
| Identification - (<i>Lepidium meyeni</i> , root) | LAB TM-107 | HPTLC | Matches to reference standard | Conforms | Pass |
| Identity (<i>Magnolia officinalis</i> , bark) | LAB TM-071 | HPTLC | Matches to BRM | Conforms | Pass |
| Identity (<i>Piper nigrum</i> , fruit) | LAB TM-110 | HPTLC | Matches to BRM | Matches to BRM | Pass |
| Total Kavalactones (methysticin, dihydromethysticin, kawain, dihydrokawain, yangonin, desmethoxyyangonin - dry basis) | LAB TM-099 | UPLC | ≥ 25 mg/capsule | 25 mg/capsule | Pass |
| Rosmarinic acid (dry basis) | LAB TM-131 | UPLC | ≥ 1.3 mg/capsule | 2.5mg/capsule | Pass |
| Total β -Boswellic acids (as β -boswellic acid, 11-keto- β -boswellic acid, and 3-O-acetyl- β -boswellic acid)(as is) | LAB TM-210 | UPLC | ≥ 20mg/capsule | 37mg/capsule | Pass |



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|--|--|----------------|-----------------------|--|-----------|
| 3-O-Acetyl-11-keto- β -boswellic acid (AKBA) | LAB TM-210 | UPLC | \geq 5mg/capsule | 5.3 mg/capsule | Pass |
| Total Cembrenes (as incensol acetate) | LAB TM-256 | GC-FID | \geq 8mg/capsule | 25.2mg/capsule | Pass |
| Total Gingerols (Gingerols + Shogaols) (Dry Basis) | LAB TM-019 | UPLC | \geq 10mg/capsule | 13 mg/capsule | Pass |
| Assay - Palmitoylethanolamide Micronized | H qNMR | H qNMR | \geq 98mg/capsule | 99 mg/capsule | Pass |
| Assay - Total Macamides (as is basis) | TM0023 | UPLC | \geq 2.5 mg/capsule | 2.6 mg/capsule | Pass |
| Assay - Tetrahydromagnolol (as-is basis) | LAB TM-066 | UPLC | \geq 5 mg/capsule | 5.1 mg/capsule | Pass |
| Piperine | LAB TM-226 | UPLC | \geq 3 mg/capsule | 3mg/capsule | Pass |
| Heavy Metals | ICP-MS Metals - USP <233>/<730> Apex Metals-011/Metals-008 | ICP/ICPMS | < 0.5 ppm ea. | As 0.214 ppm Cd 0.046 ppm Hg 0.011 ppm Pb 0.046 ppm | Pass |
| Water Activity | LAB TM-012 | Water Activity | < 0.73 | 0.18 | Pass |

Final Approval

Kennedi Enoch, Quality Liaison



Accreditation #113861