

Theraplant, LLC
856 Echo Lake Road
Watertown, CT 06795

Date Received: 07/02/2024
Report Date: 07/12/2024
NELabs Report ID: 2493939-16

Product ID: SPEN24-021T

Biotrack ID: 4700 8084 8358 1494

| Microbiology | Results (CFU) | Limits (CFU) | Methods |
|--|---------------|--------------|--------------|
| Total Aerobic Microbial Count | <100 | 100,000 | AOAC 990.12 |
| Total Yeast & Mold Count | <100 | 100,000 | AOAC 2014.05 |
| <i>Aspergillus (flavus, fumigatus, terreus, niger)</i> | Not Detected | Not Detected | qPCR |
| Enteropathogenic <i>E. coli</i> | Not Detected | Not Detected | AOAC 2017.01 |
| <i>Listeria Monocytogenes</i> | Not Detected | Not Detected | AOAC 2016.08 |
| <i>Salmonella species</i> | Not Detected | Not Detected | AOAC 2016.01 |
| Shiga Toxin Producing <i>E. coli</i> | Not Detected | Not Detected | qPCR |

Pass/Fail: **PASS**

| Cannabinoids by HPLC | Results (% w/w) |
|--|-----------------|
| CBDV | ---- |
| CBDA | ---- |
| CBGA | --- |
| CBG | 1.92 |
| CBD | <LOQ |
| THCV | 0.66 |
| CBN | 1.32 |
| Δ^9 THC | 92.56 |
| Δ^8 THC | ---- |
| CBL | --- |
| THCA | ---- |
| CBC | ---- |
| Total Cannabinoids: 96.46 % | |
| Total THC (0.877*THCA)+THC: 92.56 % | |

| Terpenes by GC-MS | Results (% w/w) |
|-------------------------------|-----------------|
| α -Pinene | 0.19 |
| β -Myrcene | 2.38 |
| β -Pinene | 0.14 |
| Limonene | 0.30 |
| α -Terpinolene | 0.07 |
| Linalool | 0.01 |
| β -Caryophyllene | 0.03 |
| α -Humulene | 0.01 |
| Caryophyllene Oxide | ---- |
| α -Bisabolol | ---- |
| Total Terpenes: 3.13 % | |

| Density | Results (g/cm ³) |
|-------------|------------------------------|
| Sample Mass | 1.00 |

| Residual Solvent by GC-MS | Results (% w/w) |
|------------------------------|-----------------|
| Ethanol | <LOQ |



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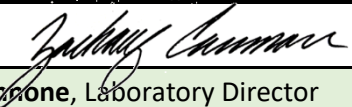
| Pesticides by LC-MS/MS | Results | Limits |
|-------------------------------|---------------------|---------------------|
| Per Sample \geq 0.5g | Below Action Limits | Below Action Levels |
| Pass/Fail: PASS | | |

| Mycotoxins by LC-MS/MS | Results ($\mu\text{g}/\text{kg}$) | Limits ($\mu\text{g}/\text{kg}$) |
|-------------------------------|--|---|
| Aflatoxins (B1, B2, G1, G2) | <20 each | <20 each |
| Ochratoxin-A | <20 | <20 |
| Pass/Fail: PASS | | |

| Heavy Metals by ICP-MS | Results | Limits |
|-------------------------------|---------------------|---------------------|
| As, Cd, Pb, Hg | Below Action Limits | Below Action Levels |
| Pass/Fail: PASS | | |

| Ingredient Testing by FTIR | Results ($\mu\text{g}/\text{kg}$) | Limits ($\mu\text{g}/\text{kg}$) |
|-----------------------------------|--|---|
| Vitamin E Acetate | Not Detected | Absent |
| Medium Chain Triglycerides | Not Detected | Absent |
| Squalene | Not Detected | Absent |
| Squalane | Not Detected | Absent |
| Polyethylene Glycol | Not Detected | Absent |
| Pass/Fail: PASS | | |

NOTE: Results are for sample (s) submitted to Northeast Laboratories Inc. on 07/02/2024.

| | | |
|--------------|---|---|
| Date: | Reviewed by:  | Released by:  |
| 07/12/2024 | Caelyn Audrain, QA/QC | Zachary Cannone, Laboratory Director |

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISOILAC-IAF Communiqué dated April 2017).

Not all results and/or analytes reported are obtained from Iso accredited testing methods. Please refer to our ISO certificate for a full list of testing under our scope of accreditation.



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| Cannabinoids | % w/w | mg/350 mg | mg/500 mg | mg/800 mg | mg/1,000 mg |
|----------------|-------|-----------|-----------|-----------|-------------|
| CBDV | ---- | ---- | ---- | ---- | ---- |
| CBDA | ---- | ---- | ---- | ---- | ---- |
| CBGA | ---- | ---- | ---- | ---- | ---- |
| CBG | 1.92 | 6.72 | 9.60 | 15.36 | 19.20 |
| CBD | <LOQ | <1.0 | <1.0 | <1.0 | <1.0 |
| THCV | 0.66 | 2.31 | 3.30 | 5.28 | 6.60 |
| CBN | 1.32 | 4.62 | 6.60 | 10.56 | 13.20 |
| Δ^9 THC | 92.56 | 323.96 | 462.80 | 740.48 | 925.60 |
| Δ^8 THC | ---- | ---- | ---- | ---- | ---- |
| CBL | ---- | ---- | ---- | ---- | ---- |
| THCA | ---- | ---- | ---- | ---- | ---- |
| CBC | ---- | ---- | ---- | ---- | ---- |

| Most Prevalent Terpenes | Results (% w/w) |
|-------------------------|-----------------|
| β -Myrcene | 2.38 |
| β -Pinene | 0.19 |
| Limonene | 0.30 |
| α -Pinene | 0.19 |

NOTE: Results are for sample(s) submitted to Northeast Laboratories Inc. on 07/02/2024.

