

Theraplant, LLC
856 Echo Lake Road
Watertown, CT 06795

Date Received: 03/02/2023
Report Date: 03/30/2023
NELabs Report ID: 2389645-07

Product ID: SPEN22-022

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</i> species	Not Detected	Not Detected	AOAC 2016.01
Shiga Toxin Producing <i>E. coli</i>	Not Detected	Not Detected	FDA BAM
Pass/Fail: PASS			

Cannabinoids by HPLC	Results (% w/w)
CBDV	----
CBDA	----
CBGA	----
CBG	1.93
CBD	1.41
THCV	1.53
CBN	4.34
Δ^9 THC	73.63
CBL	----
CBC	----
THCA	----
Total Cannabinoids	82.84 %
Total THC: 73.63 %	

Density	Results (g/cm ³)
Sample Mass	0.99

Residual Solvent by GC-MS	Results (% w/w)
Ethanol	0.40

Terpenes by GC-MS	Results (% w/w)
α -Pinene	0.12
Camphene	0.01
β -Myrcene	0.20
β -Pinene	0.12
3-Carene	0.03
α -Terpinene	0.01
Limonene	0.67
Ocimene	0.84
p-Cymene	----
γ -Terpinene	0.02
Terpinolene	0.41
Linalool	0.21
(-)-Isopulegol	----
Geraniol	----
β -Caryophyllene	1.02
α -Humulene	0.36
cis-Nerolidol	0.21
trans-Nerolidol	0.02
Guaiol	----
α -Bisabolol	0.01
Total Terpenes: 4.26 %	



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Pesticides by LC-MS/MS	Results	Limits
Per Sample $\geq$ 0.5g	Not Detected	Below Action Levels
Pass/Fail: PASS		

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

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

Ingredient Testing by FTIR	Results ($\mu\text{g/kg}$)	Limits ($\mu\text{g/kg}$)
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 03/02/2023.
CoAs issued 03/09/2023 and 03/10/2023; re-issued 03/30/2023 to append Supplemental Attachment at the request of the client.

Date:	Reviewed by: <i>Michelle Szylobryt</i>	Released by: <i>Zachary Cannone</i>
03/30/2023	Michelle Szylobryt, QA / QC	Zachary Cannone, Laboratory Director

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



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Cannabinoids	% w/w	mg/1 mL serving	mg/0.1 mL serving	mg/300 mg	mg/500 mg	mg/1,000 mg
CBDV	----	----	----	----	----	----
CBDA	----	----	----	----	----	----
CBGA	----	----	----	----	----	----
CBG	1.93	19.11	1.91	5.79	9.65	19.30
CBD	1.41	13.96	1.40	4.23	7.05	14.10
THCV	1.53	15.15	1.51	4.59	7.65	15.30
CBN	4.34	42.97	4.30	13.02	21.70	43.40
Δ^9 THC	73.63	728.94	72.89	220.89	368.15	736.30
CBL	----	----	----	----	----	----
CBC	----	----	----	----	----	----
THCA	----	----	----	----	----	----
Total Cannabinoids	82.84	820.12	82.01	248.52	414.20	828.40

Most Prevalent Terpenes	Results (% w/w)
Limonene	0.67
Ocimene	0.84
Terpinolene	0.41
β -Caryophyllene	1.02

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