

Theraplant, LLC
856 Echo Lake Road
Watertown, CT 06795

Date Received: 07/13/2023
Report Date: 08/01/2023
NELabs Report ID: 2390722-01

Product ID: SPEN23-007

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	0.16
CBD	0.07
THCV	0.72
CBN	2.21
Δ^9 THC	72.73
CBL	----
CBC	----
THCA	----
Total Cannabinoids	75.90 %
Total THC: 72.73 %	

Density	Results (g/cm ³)
Sample Mass	1.00

*Residual Solvent by GC-MS	Results (% w/w)
Ethanol	0.25

Terpenes by GC-MS	Results (% w/w)
α -Pinene	0.03
Camphene	0.01
β -Myrcene	0.27
β -Pinene	0.05
3-Carene	----
α -Terpinene	----
Limonene	0.28
Ocimene	0.05
p-Cymene	----
γ -Terpinene	----
Terpinolene	0.03
Linalool	0.19
(-)-Isopulegol	----
Geraniol	----
β -Caryophyllene	0.71
α -Humulene	0.28
cis-Nerolidol	0.26
trans-Nerolidol	----
Guaiol	----
α -Bisabolol	0.10
Total Terpenes: 2.26 %	



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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 07/13/2023 except for the following: *Cannabinoids and *Residual Solvent; results from 07/25/2023 (2390847-05).

Date:	Reviewed by: <i>Michelle Szylobryt</i>	Released by: <i>Zachary Cannone</i>
08/01/2023	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/ILAC-IAF Communiqué dated April 2017).



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Major 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	0.16	1.60	0.16	0.48	0.80	1.60
CBD	0.07	0.70	0.07	0.21	0.35	0.70
THCV	0.72	7.20	0.72	2.16	3.60	7.20
CBN	2.21	22.10	2.21	6.63	11.05	22.10
Δ^9 THC	72.73	727.30	72.73	218.19	363.65	727.30
CBL	----	----	----	----	----	----
CBC	----	----	----	----	----	----
THCA	----	----	----	----	----	----
Total Major Cannabinoids	75.90	758.90	75.89	227.67	379.45	758.90

Most Prevalent Terpenes	Results (% w/w)
β -Myrcene	0.27
β -Caryophyllene	0.71
α -Humulene	0.28
cis-Nerolidol	0.26

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