

Theraplant, LLC
856 Echo Lake Road
Watertown, CT 06795

Date Received: 05/16/2023
Report Date: 05/30/2023
NELabs Report ID: 2390268-09

Product ID: IPEN22-011

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	3.05
CBD	0.64
THCV	0.84
CBN	3.53
Δ^9 THC	82.33
CBL	----
CBC	----
THCA	----
Total Cannabinoids	90.39 %
Total THC: 82.33 %	

Density	Results (g/cm ³)
Sample Mass	1.00

Residual Solvent by GC-MS	Results (% w/w)
Ethanol	0.17

Terpenes by GC-MS	Results (% w/w)
α -Pinene	0.24
Camphene	----
β -Myrcene	0.05
β -Pinene	0.04
3-Carene	----
α -Terpinene	----
Limonene	0.28
Ocimene	0.03
p-Cymene	----
γ -Terpinene	----
Terpinolene	0.01
Linalool	0.09
(-)-Isopulegol	----
Geraniol	----
β -Caryophyllene	0.41
α -Humulene	0.29
cis-Nerolidol	0.04
trans-Nerolidol	----
Guaiol	----
α -Bisabolol	----
Total Terpenes: 1.48 %	



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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 05/16/2023.

Date:	Reviewed by: <i>Michelle Szylobryt</i>	Released by: <i>Zachary Cannone</i>
05/30/2023	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/ILAC-IAF Communiqué dated April 2017).



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PJLA Testing ISO/IEC 17025:2017 Accreditation #: 99258



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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	3.05	30.50	3.05	9.15	15.25	30.50
CBD	0.64	6.40	0.64	1.92	3.20	6.40
THCV	0.84	8.40	0.84	2.52	4.20	8.40
CBN	3.53	35.30	3.53	10.59	17.65	35.30
Δ^9 THC	82.33	823.30	82.33	246.99	411.65	823.30
CBL	----	----	----	----	----	----
CBC	----	----	----	----	----	----
THCA	----	----	----	----	----	----
Total Cannabinoids	90.39	903.90	90.39	271.17	451.95	903.90

Most Prevalent Terpenes	Results (% w/w)
α -Pinene	0.24
Limonene	0.28
β -Caryophyllene	0.41
α -Humulene	0.29

NOTE: Results are for sample(s) submitted to Northeast Laboratories Inc. on 05/16/2023.

