

Theraplant, LLC
856 Echo Lake Road
Watertown, CT 06795

Date Received: 10/06/2023
Report Date: 10/24/2023
NELabs Report ID: 2391561-11

Product ID: IPEN23-020

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	4.88
CBD	<LOQ
THCV	0.52
CBN	1.28
Δ^9 THC	82.64
CBL	----
CBC	----
THCA	----
Total Cannabinoids	89.32 %
Total THC: 82.64 %	

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

Density	Results (g/cm ³)
Sample Mass	1.00

Terpenes by GC-MS	Results (% w/w)
α -Pinene	0.01
Camphene	----
β -Myrcene	0.12
β -Pinene	0.01
3-Carene	----
α -Terpinene	----
Limonene	0.03
Ocimene	----
p-Cymene	----
γ -Terpinene	----
Terpinolene	0.03
Linalool	0.03
(-)-Isopulegol	----
Geraniol	----
β -Caryophyllene	0.24
α -Humulene	0.08
cis-Nerolidol	0.11
trans-Nerolidol	----
Guaiol	0.07
α -Bisabolol	----
Total Terpenes: 0.73 %	



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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 ($\mu g/kg$)	Limits ($\mu g/kg$)
Aflatoxins (B1, B2, G1, G2)	<20 each	<20 each
Ochratoxin-A	<20	<20
Pass/Fail: PASS		

Ingredient Testing by FTIR	Results ($\mu g/kg$)	Limits ($\mu g/kg$)
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 10/06/2023.

Date:	Reviewed by: <i>Michelle Szylobryt</i>	Released by: <i>Zachary Cannone</i>
10/24/2023	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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Cannabinoids	% w/w	1 mL serving	0.1 mL serving	mg/300 mg	mg/500 mg	mg/1,000 mg
CBDV	----	----	----	----	----	----
CBDA	----	----	----	----	----	----
CBGA	----	----	----	----	----	----
CBG	4.88	48.80	4.88	14.64	24.40	48.80
CBD	<LOQ	<1	<1	<1	<1	<1
THCV	0.52	5.20	0.52	1.56	2.60	5.20
CBN	1.28	12.80	1.28	3.84	6.40	12.80
Δ^9 THC	82.64	826.40	82.64	247.92	413.20	826.40
CBL	----	----	----	----	----	----
CBC	----	----	----	----	----	----
THCA	----	----	----	----	----	----

Most Prevalent Terpenes	Results (% w/w)
β -Caryophyllene	0.24
β -Myrcene	0.12
cis-Nerolidol	0.11
α -Humulene	0.08

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