

Theraplant, LLC
856 Echo Lake Road
Watertown, CT 06795

Date Received: 10/26/2023
Report Date: 12/04/2023
NELabs Report ID: 2391759-01

Product ID: IPEN23-006T

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	2.46
CBD	----
THCV	<LOQ
CBN	2.34
Δ^9 THC	78.46
CBL	----
CBC	<LOQ
THCA	----
Total Cannabinoids	83.26 %
Total THC: 78.46 %	

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	0.03
Camphene	----
β -Myrcene	0.63
β -Pinene	0.04
3-Carene	----
α -Terpinene	0.01
Limonene	0.26
Ocimene	0.39
p-Cymene	----
γ -Terpinene	----
Terpinolene	0.13
Linalool	0.11
(-)-Isopulegol	----
Geraniol	----
β -Caryophyllene	0.64
α -Humulene	0.19
cis-Nerolidol	0.17
trans-Nerolidol	----
Guaiol	0.03
α -Bisabolol	----
Total Terpenes: 2.63 %	



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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 10/26/2023.
CoA issued 11/14/2023; re-issued 12/04/2023 to update dosing results at the request of the client.

Date:	Reviewed by: <i>Michelle Szylobryt</i>	Released by: <i>Zachary Cannone</i>
12/05/23	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 ISOILAC-IAF Communiqué dated April 2017).



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Cannabinoids	% w/w	mg/350 mg	mg/500 mg	mg/800 mg	mg/1,000 mg
CBDV	----	----	----	----	----
CBDA	----	----	----	----	----
CBGA	----	----	----	----	----
CBG	2.46	8.61	12.30	19.68	24.60
CBD	----	----	----	----	----
THCV	<LOQ	<1.0	<1.0	<1.0	<1.0
CBN	2.34	8.19	11.70	18.72	23.40
Δ^9 THC	78.46	274.61	392.30	627.68	784.60
CBL	----	----	----	----	----
CBC	<LOQ	<1.0	<1.0	<1.0	<1.0
THCA	----	----	----	----	----

Most Prevalent Terpenes	Results (% w/w)
β -Myrcene	0.63
Ocimene	0.39
β -Caryophyllene	0.64
Limonene	0.26

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