

Theraplant, LLC
856 Echo Lake Road
Watertown, CT 06795

Date Received: 05/30/2024
Report Date: 06/05/2024
NELabs Report ID: 2493595-04

Product ID: HPEN24-011T

Biotrack ID 2964 3422 8074 8014

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</i> (flavus, fumigatus, terreus, niger)	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	qPCR
Pass/Fail: PASS			

Cannabinoids by HPLC	Results (% w/w)
CBDV	----
CBDA	----
CBGA	---
CBG	2.95
CBD	<LOQ
THCV	<LOQ
CBN	1.57
Δ^9 THC	82.83
Δ^8 THC	----
CBL	---
THCA	----
CBC	----
Total Cannabinoids: 87.35 %	
Total THC (0.877*THCA)+THC: 82.83 %	

Terpenes by GC-MS	Results (% w/w)
α -Pinene	0.01
β -Myrcene	0.05
β -Pinene	0.02
Limonene	0.09
α -Terpinolene	----
Linalool	0.17
β -Caryophyllene	0.13
α -Humulene	0.04
Caryophyllene Oxide	----
α -Bisabolol	----
Total Terpenes: 0.51%	

Density	Results (g/cm ³)
Sample Mass	1.00
Residual Solvent by GC-MS	Results (% w/w)
Ethanol	<LOQ



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Pesticides by LC-MS/MS	Results	Limits
Per Sample $\geq 0.5g$	Below Action Limits	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		

Heavy Metals by ICP-MS	Results	Limits
As, Cd, Pb, Hg	Below Action Limits	Below Action Levels
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 05/30/2024.

Date:	Reviewed by:	Released by:
06/05/2024	Garrett Johnson, 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).



30 Cold Spring Rd. Rocky Hill, CT 06067 • www.nelabsct.com • P: 860-828-9787
PJLA Testing ISO/IEC 17025:2017 Accreditation #: 99258
State of CT: ACTL.0000004



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Cannabinoids	% w/w	mg/350 mg	mg/500 mg	mg/800 mg	mg/1,000 mg
CBDV	----	----	----	----	----
CBDA	----	----	----	----	----
CBGA	----	----	----	----	----
CBG	2.95	10.33	14.75	23.60	29.50
CBD	<LOQ	<1.0	<1.0	<1.0	<1.0
THCV	<LOQ	<1.0	<1.0	<1.0	<1.0
CBN	1.57	5.50	7.85	12.56	15.70
Δ^9 THC	82.83	289.91	414.15	662.64	828.30
Δ^8 THC	----	----	----	----	----
CBL	----	----	----	----	----
THCA	----	----	----	----	----
CBC	----	----	----	----	----

Most Prevalent Terpenes	Results (% w/w)
Linalool	0.17
β -Caryophyllene	0.13
Limonene	0.09
β -Myrcene	0.05

NOTE: Results are for sample(s) submitted to Northeast Laboratories Inc. on 05/30/2024.



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