

Theraplant, LLC
856 Echo Lake Road
Watertown, CT 06795

Date Received: 08/06/2024
Report Date: 08/15/2024
NELabs Report ID: 2494310-07

Product ID: HPEN24-026T

Biotrack ID: 9395 3067 1569 8050

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	2.24
CBD	<LOQ
THCV	<LOQ
CBN	1.20
Δ^9 THC	88.51
Δ^8 THC	----
CBL	----
THCA	----
CBC	----
Total Cannabinoids: 91.95 %	
Total THC (0.877*THCA)+THC: 88.51 %	

Terpenes by GC-MS	Results (% w/w)
α -Pinene	0.02
β -Myrcene	0.28
β -Pinene	0.06
Limonene	0.35
α -Terpinolene	----
Linalool	0.16
β -Caryophyllene	0.27
α -Humulene	0.07
Caryophyllene Oxide	----
α -Bisabolol	0.02
Total Terpenes: 1.23 %	

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 08/06/2024.

Date:	Reviewed by:	Released by:
08/15/2024	Jaina Haberern, QA/QC	Zachary Cannone, Laboratory Director

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017. 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).

*Not all results and/or analytes reported are obtained from Iso accredited testing methods.
Please refer to our ISO certificate for a full list of testing under our scope of accreditation.*



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	2.24	7.84	11.20	17.92	22.40
CBD	<LOQ	<1.0	<1.0	<1.0	<1.0
THCV	<LOQ	<1.0	<1.0	<1.0	<1.0
CBN	1.20	4.20	6.00	9.60	12.00
Δ^9 THC	88.51	309.79	442.55	708.08	885.10
Δ^8 THC	----	----	----	----	----
CBL	----	----	----	----	----
THCA	----	----	----	----	----
CBC	----	----	----	----	----

Most Prevalent Terpenes	Results (% w/w)
Limonene	0.35
β -Myrcene	0.28
Linalool	0.16
β -Caryophyllene	0.27

NOTE: Results are for sample(s) submitted to Northeast Laboratories Inc. on 08/06/2024



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