

Theraplant, LLC
856 Echo Lake Road
Watertown, CT 06795

Date Received: 04/11/2023
Report Date: 04/19/2023
NELabs Report ID: 2389979-06

Product ID: HPEN23-007

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	1.38
CBD	----
THCV	1.56
CBN	3.57
Δ^9 THC	84.86
CBL	----
CBC	----
THCA	----
Total Cannabinoids	91.37 %
Total THC: 84.86 %	

Density	Results (g/cm ³)
Sample Mass	1.00

Residual Solvent by GC-MS	Results (% w/w)
Ethanol	0.41

Terpenes by GC-MS	Results (% w/w)
α -Pinene	0.24
Camphene	0.02
β -Myrcene	0.58
β -Pinene	0.17
3-Carene	0.04
α -Terpinene	0.02
Limonene	0.73
Ocimene	1.98
p-Cymene	----
γ -Terpinene	0.02
Terpinolene	0.72
Linalool	0.15
(-)-Isopulegol	----
Geraniol	----
β -Caryophyllene	0.62
α -Humulene	0.20
cis-Nerolidol	0.11
trans-Nerolidol	0.02
Guaiol	----
α -Bisabolol	0.01
Total Terpenes: 5.63 %	



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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 04/11/2023.

Date:	Reviewed by: <i>Michelle Szylobryt</i>	Released by: <i>Zachary Cannone</i>
04/19/2023	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/IEC 17025:2017 Accreditation # 99258 dated April 2017).



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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	1.38	13.80	1.38	4.14	6.90	13.80
CBD	----	----	----	----	----	----
THCV	1.56	15.60	1.56	4.68	7.80	15.60
CBN	3.57	35.70	3.57	10.71	17.85	35.70
Δ^9 THC	84.86	848.60	84.86	254.58	424.30	848.60
CBL	----	----	----	----	----	----
CBC	----	----	----	----	----	----
THCA	----	----	----	----	----	----
Total Cannabinoids	91.37	913.70	91.37	274.11	456.85	913.70

Most Prevalent Terpenes	Results (% w/w)
Limonene	0.73
Ocimene	1.98
Terpinolene	0.72
β -Caryophyllene	0.62

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