

Theraplant, LLC
856 Echo Lake Road
Watertown, CT 06795

Date Received: 11/16/2023
Report Date: 11/27/2023
NELabs Report ID: 2391930-05

Product ID: HPJM23-004

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	0.22
CBD	<LOQ
THCV	<LOQ
CBN	0.19
Δ^9 THC	8.59
Δ^8 THC	----
CBL	0.20
CBC	----
THCA	----
Total Cannabinoids	9.20 %
Total THC: 8.59 %	

Density	Results (g/cm ³)
Sample Mass	0.92

Terpenes by GC-MS	Results (% w/w)
α -Pinene	----
Camphene	----
β -Myrcene	----
β -Pinene	----
3-Carene	----
α -Terpinene	----
Limonene	----
Ocimene	----
p-Cymene	----
γ -Terpinene	----
Terpinolene	----
Linalool	----
(-)-Isopulegol	----
Geraniol	----
β -Caryophyllene	----
α -Humulene	----
cis-Nerolidol	----
trans-Nerolidol	----
Guaiol	----
α -Bisabolol	----
Total Terpenes: BELOW DETECTION	



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

NOTE: Results are for sample(s) submitted to Northeast Laboratories Inc. on 11/16/2023.

Date:	Reviewed by: <i>Michelle Szylobryt</i>	Released by: <i>Zachary Cannone</i>
11/27/2023	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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Major Cannabinoids	% w/w	mg per one 50 mg THC pill	mg per ten 50 mg THC pill
CBG	0.22	1.28	12.81
CBN	0.19	1.11	11.06
Δ^9 THC	8.59	50.00	500.00
CBL	0.20	1.16	11.64
Total Weight of Sample (g)	----	0.582	5.82
Total Major Cannabinoids	9.20	53.55	535.51

Most Prevalent Terpenes	Results (% w/w)
BELOW DETECTION	

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