

Theraplant, LLC
856 Echo Lake Road
Watertown, CT 06795

Date Received: 03/26/2024
Report Date: 04/03/2024
NELabs Report ID: 2493012-06

Product ID: PEC-24-F10H1B2

Biotrack ID 1164611041897590

Microbiology	Results (CFU)	Limits (CFU)	Methods
Total Aerobic Microbial Count	850	100,000	AOAC 990.12
Total Yeast & Mold Count	6,800	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	FDA BAM
Pass/Fail: PASS			

Cannabinoids by HPLC	Results (% w/w)
CBDV	----
CBDA	<LOQ
CBGA	1.02
CBG	<LOQ
CBD	----
THCV	----
CBN	----
Δ^9 THC	0.29
Δ^8 THC	----
CBL	----
THCA	32.70
CBC	----
Total Cannabinoids: 34.01 %	
Total THC (0.877*THCA+THC): 28.97 %	

^a: percentages calculated on dry weight basis

Terpenes by GC-MS	Results (% w/w)
α -Pinene	0.09
β -Myrcene	0.30
β -Pinene	0.10
Limonene	1.13
α -Terpinolene	0.02
Linalool	0.09
β -Caryophyllene	0.90
α -Humulene	0.31
Caryophyllene Oxide	----
α -Bisabolol	0.06
Total Terpenes: 3.00 %	

^a: percentages calculated on dry weight basis

Moisture	Results
Water Content (% w/w)	14.3
Water Activity (Aw)	0.48



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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		

NOTE: Results are for sample(s) submitted to Northeast Laboratories Inc. on 03/26/2024

Date:	Reviewed by: 	Released by: 
04/03/2024	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).



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PJLA Testing ISO/IEC 17025:2017 Accreditation #: 99258
State of CT: ACTL.0000004

