CERTIFICATE OF ANALYSIS

Theraplant, LLC
856 Echo Lake Road
Watertown, CT 06795

Date Received: 06/27/2024
Report Date: 07/08/2024
NELabs Report ID: 2493900-02

Product ID: IPJL24-004

Biotrack ID: 1944 3006 2731 9831

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
Aspergillus *(flavus, fumigatus, terreus, niger)*	Not Detected	Not Detected	qPCR
Enteropathogenic *E. coli*	Not Detected	Not Detected	AOAC 2017.01
Listeria Monocytogenes	Not Detected	Not Detected	AOAC 2016.08
Salmonella **species**	Not Detected	Not Detected	AOAC 2016.01
Shiga Toxin Producing *E. coli*	Not Detected	Not Detected	qPCR
Pass/Fail: PASS			

Cannabinoids by HPLC	Results (% w/w)
CBDV	
CBDA	----
CBGA	----
CBG	<LOQ
CBD	----
THCV	----
CBN	<LOQ
Δ^9 THC	1.96
Δ^8 THC	----
CBL	<LOQ
THCA	----
CBC	----
Total Cannabinoids: 1.96 %	
Total THC (0.877*THCA+THC): 1.96 %	

Terpenes by GC-MS	Results (% w/w)
α-Pinene	----
β-Myrcene	----
β-Pinene	----
Limonene	----
α-Terpinolene	----
Linalool	----
β-Caryophyllene	----
α-Humulene	----
Caryophyllene Oxide	----
α-Bisabolol	----
Total Terpenes: Below Detection	

Density	Results (g/cm³)
Sample Mass	0.92

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Pesticides by LC-MS/MS	**Results**	**Limits**
Per Sample ≥ 0.5g	Below Action Limits	Below Action Levels
Pass/Fail: **PASS**		

Mycotoxins by LC-MS/MS	**Results (µg/kg)**	**Limits (µg/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 06/27/2024.

Date:	**Reviewed by:**	**Released by:**
07/08/2024	**Caelyn Audrain**, 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).

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Major Cannabinoids	% w/w	Single 10 mg THC	Single 50 mg THC	Single 100 mg pill
CBDV	<LOQ	<0.10	<0.10	<0.10
CBDA	----	----	----	----
CBGA	----	----	----	----
CBG	<LOQ	<0.10	<0.10	<0.10
CBD	----	-----	----	----
THCV	----	----	-----	----
CBN	<LOQ	<0.10	<0.10	<0.10
Δ^9 THC	1.96	10.00	50.00	100.00
CBL	<LOQ	<0.10	<0.10	<0.10
CBC				
THCA				
Total Weight of Sample (g)	N/A	0.510	2.551	5.102

NOTE: Results are for sample(s) submitted to Northeast Laboratories Inc. on 06/27/2024.