NORTHEAST LABORATORIES

CERTIFICATE OF ANALYSIS

Theraplant, LLC
856 Echo Lake Road
Watertown, CT 06795

Date Received: 07/06/2023
Report Date: 07/14/2023
NELabs Report ID: 2390663-03

Product ID: IPJH23-003

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	FDA BAM
Pass/Fail: **PASS**			

Cannabinoids by HPLC	Results (% w/w)
CBDV	----
CBDA	----
CBGA	----
CBG	0.45
CBD	----
THCV	0.31
CBN	0.03
Δ^9 THC	18.78
CBL	----
CBC	----
THCA	----
Total Cannabinoids	**19.57 %**
Total THC: 18.78 %	

Density	Results (g/cm³)
Sample Mass	0.95

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 ≥ 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 (µg/kg)**	**Limits (µg/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 07/06/2023.

Date:	Reviewed by:	Released by:
07/14/2023	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 ISOILAC-IAF Communiqué dated April 2017).

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Major Cannabinoids	% w/w	mg per one 100 mg THC pill	mg per ten 100 mg THC pill
CBDA	----	----	----
CBD	----	----	----
Δ^9 THC	18.78	100.00	1,000
THCA	----	----	----
Total Weight of Sample (g)	----	0.532	5.325
Total Major Cannabinoids	18.78	100.00	1,000.00

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

NOTE: Results are for sample(s) submitted to Northeast Laboratories Inc. on 07/06/2023.