NORTHEAST LABORATORIES INC.

CERTIFICATE OF ANALYSIS

Theraplant, LLC
856 Echo Lake Road
Watertown, CT 06795

Date Received: 03/07/2024
Report Date: 03/15/2024
NELabs Report ID: 2492839-17

Product ID: GUM-24-101

Biotrack ID: 2308709706215054

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	----
CBD	----
THCV	----
CBN	----
Δ^9 THC	0.13
Δ^8 THC	----
CBL	----
THCA	----
CBC	----
Total Cannabinoids: 0.13 %	
Total THC (0.877*THCA+THC): 0.13 %	

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	

Moisture	Results
Water Activity (Aw)	0.62

Dosing Information	mg per edible (3.63 g)
Δ^9 THC	4.7

PJLA Testing

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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 03/07/2024.

Date:	**Reviewed by:**	**Released by:**
03/15/2024	**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).