NORTHEAST LABORATORIES

CERTIFICATE OF ANALYSIS

CTPharma
280 Dividend Dr.
Rocky Hill, CT 06067

Date Received: 02/23/2024
Report Date: 03/04/2024
NELabs Report ID: 2492733-08

Product ID: GCR100623-3

Microbiology	Results (CFU)	Limits (CFU)	Methods
Total Aerobic Microbial Count	800	100,000	AOAC 990.12
Total Yeast & Mold Count	1,000	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[a])
CBDV	----
CBDA	<LOQ
CBGA	0.20
CBG	0.23
CBD	----
THCV	----
CBN	----
Δ^9 THC	0.63
CBL	----
CBC	----
THCA	32.86
Total Cannabinoids	**33.92 %**
Total THC:	**29.45 %**

[a]: percentages reported by dry weight

Terpenes by GC-MS	Results (% w/w[a])
α-Pinene	0.08
β-Myrcene	0.84
β-Pinene	0.10
δ-Limonene	0.63
α-Terpinolene	0.02
Linalool	0.43
β-Caryophyllene	0.42
α-Humulene	0.13
Carophyllene Oxide	----
α-Bisabolol	0.07
Total Terpenes:	**2.72 %**

[a]: percentages reported by dry weight

Moisture	Results
Water Content (% w/w)	14.3
Water Activity (Aw)	0.51

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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 02/23/2024.

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