CERTIFICATE OF ANALYSIS

CTPharma
280 Dividend Dr.
Rocky Hill, CT 06067

Date Received: 07/08/2024
Report Date: 07/16/2024
NELabs Report ID: 2493974-09

Product ID: AUV0341

Biotrack ID: 0631 5585 3240 3727

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	2.79
CBD	1.25
THCV	<LOQ
CBN	<LOQ
Δ^9 THC	85.09
Δ^8 THC	----
CBL	----
THCA	----
CBC	-----
Total Cannabinoids: 89.13 %	
Total THC (0.877*THCA)+THC: 85.09 %	

Terpenes by GC-MS	Results (% w/w)
α-Pinene	0.17
β-Myrcene	0.26
β-Pinene	0.21
Limonene	0.58
α-Terpinolene	0.03
Linalool	0.48
β-Caryophyllene	1.57
α-Humulene	0.36
Caryophyllene Oxide	----
α-Bisabolol	----
Total Terpenes: 3.66 %	

Residual Solvent by GC-MS	Results (% w/w)
Ethanol	<LOQ

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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**		

Ingredient Testing by FTIR	**Results (µg/kg)**	**Limits (µg/kg)**
Vitamin E Acetate	Not Detected	Absent
Medium Chain Triglycerides	Not Detected	Absent
Squalene	Not Detected	Absent
Squalane	Not Detected	Absent
Polyethylene Glycol	Not Detected	Absent
Pass/Fail: **PASS**		

NOTE: Results are for sample(s) submitted to Northeast Laboratories Inc. on 07/08/2024.

Date:	**Reviewed by:**	**Released by:**
07/16/2024	**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).
Not all results and/or analytes reported are obtained from ISO accredited testing methods.
Please refer to our ISO certificate for a full list of testing under our scope of accreditation.