CERTIFICATE OF ANALYSIS

Advanced Grow Labs
400 Frontage Rd.
West Haven, CT 06516

Date Received: 09/09/2024
Report Date: 09/16/2024
NELabs Report ID: 2494636-01

Product ID: CX-240903-O-8718

Biotrack ID: 9622 2912 8590 3753

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	<LOQ
CBG	2.44
CBD	<LOQ
THCV	<LOQ
CBN	0.55
Δ^9 THC	80.24
Δ^8 THC	----
CBL	----
THCA	----
CBC	0.83
Total Cannabinoids: 84.06 %	
Total THC (0.877*THCA)+THC: 80.24 %	

Terpenes by GC-MS	Results (% w/w)
α-Pinene	0.03
β-Myrcene	0.38
β-Pinene	0.08
Limonene	0.74
α-Terpinolene	----
Linalool	0.28
β-Caryophyllene	1.38
α-Humulene	0.40
Caryophyllene Oxide	----
α-Bisabolol	----
Total Terpenes: 3.29%	

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 09/09/2024.

Date:	**Reviewed by:**	**Released by:**
09/16/2024	**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.

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Cannabinoids	% w/w	mg per 300 mg	mg per 500 mg	mg per 1000 mg	mg per 1040 mg
CBDV	----	----	----	----	----
CBDA	----	----	----	----	----
CBGA	<LOQ	<1.0	<1.0	<1.0	<1.0
CBG	2.44	7.32	12.20	24.40	25.38
CBD	<LOQ	<1.0	<1.0	<1.0	<1.0
THCV	<LOQ	<1.0	<1.0	<1.0	<1.0
CBN	0.55	1.65	2.75	5.50	5.72
Δ^9 THC	80.24	240.72	401.20	802.40	834.50
Δ^8 THC	----	----	----	----	----
CBL	----	----	----	----	----
THCA	----	----	----	----	----
CBC	0.83	2.49	4.15	8.30	8.63

NOTE: Results are for sample(s) submitted to Northeast Laboratories Inc. on 09/09/2024.