CERTIFICATE OF ANALYSIS

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

Date Received: 08/15/2024
Report Date: 08/23/2024
NELabs Report ID: 2494425-14

Product ID: AD-240811-O-7585

Biotrack ID: 7539 2529 1242 5301

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	2.16
CBD	<LOQ
THCV	<LOQ
CBN	0.92
Δ^9 THC	77.33
Δ^8 THC	----
CBL	----
THCA	----
CBC	1.56
Total Cannabinoids: 81.97 %	
Total THC (0.877*THCA)+THC: 77.33 %	

Terpenes by GC-MS	Results (% w/w)
α-Pinene	0.06
β-Myrcene	0.73
β-Pinene	0.15
Limonene	1.62
α-Terpinolene	----
Linalool	0.46
β-Caryophyllene	1.52
α-Humulene	0.55
Caryophyllene Oxide	----
α-Bisabolol	0.06
Total Terpenes: 5.15 %	

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 08/15/2024.

Date:	**Reviewed by:**	**Released by:**
8/23/24	Jaina Haberern, 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	----	----	----	----	----
CBG	2.13	6.48	10.80	21.60	22.46
CBD	<LOQ	<1.0	<1.0	<1.0	<1.0
THCV	<LOQ	<1.0	<1.0	<1.0	<1.0
CBN	0.92	2.76	4.60	7.20	9.57
Δ^9 THC	77.33	231.99	386.65	773.30	804.23
Δ^8 THC	----	----	----	----	----
CBL	----	----	----	----	----
THCA	----	----	----	----	----
CBC	1.56	4.68	7.80	15.60	16.22

NOTE: Results are for sample(s) submitted to Northeast Laboratories Inc. on 08/15/2024.