NORTHEAST LABORATORIES

CERTIFICATE OF ANALYSIS

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

Date Received: 03/30/2023
Report Date: 04/10/2023
NELabs Report ID: N2389895-04

Product ID: D-230210-RS

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)
THCA	----
Δ^9 THC	89.29
CBDA	----
CBD	1.55
THCV	1.48
CBGA	----
CBG	1.64
CBN	1.63
CBC	----
Total Cannabinoids	**95.59%**
Total THC: 89.29%	

Terpenes by GC-MS	Results (% w/w)
α-Pinene	0.32
Camphene	0.01
β-Myrcene	1.65
β-Pinene	0.21
3-Carene	----
α-Terpinene	----
Limonene	0.29
Ocimene	0.06
p-Cymene	----
γ-Terpinene	----
Terpinolene	----
Linalool	0.24
(-)-Isopulegol	----
Geraniol	----
β-Caryophyllene	0.15
α-Humulene	0.04
cis-Nerolidol	0.10
trans-Nerolidol	----
Guaiol	----
α-Bisabolol	----
Total Terpenes: 3.07%	

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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**		

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 03/30/2023.

Date:	Reviewed by:	Released by:
4/10/2023	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).

NOTE: Results are for sample(s) submitted to Northeast Laboratories Inc. on 03/30/2023.

Cannabinoids	% w/w	mg per 300 mg	mg per 500 mg	mg per 1000 mg	mg per 1040 mg
THCA	----	----	----	----	----
Δ^9 THC	89.29	267.87	446.45	892.90	928.62
CBDA	----	----	----	----	----
CBD	1.55	4.65	7.75	15.50	16.12
THCV	1.48	4.44	7.40	14.80	15.39
CBGA	----	----	----	----	----
CBG	1.64	4.92	8.20	16.40	17.06
CBN	1.63	4.89	8.15	16.30	16.95
CBC	----	----	----	----	----