NORTHEAST LABORATORIES

CERTIFICATE OF ANALYSIS

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

Date Received: 08/30/2023
Report Date: 09/08/2023
NELabs Report ID: 2391184-17

Product ID: OGKB-230821-O

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	80.57
CBDA	----
CBD	0.10
THCV	0.27
CBGA	----
CBG	2.03
CBN	1.44
CBC	----
Total Cannabinoids	**84.41 %**
Total THC: 80.57 %	

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

Terpenes by GC-MS	Results (% w/w)
α-Pinene	0.06
Camphene	0.02
β-Myrcene	0.28
β-Pinene	0.14
3-Carene	----
α-Terpinene	----
Limonene	0.38
Ocimene	----
p-Cymene	----
γ-Terpinene	----
Terpinolene	0.02
Linalool	0.44
(-)-Isopulegol	----
Geraniol	----
β-Caryophyllene	1.21
α-Humulene	0.37
cis-Nerolidol	0.45
trans-Nerolidol	----
Guaiol	----
α-Bisabolol	----
Total Terpenes: 3.37 %	

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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 08/30/2023.

Date:	Reviewed by:	Released by:
09/08/2023	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).

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Cannabinoids	% w/w	mg per 300 mg	mg per 500 mg	mg per 1000 mg	mg per 1040 mg
THCA	----	----	----	----	----
Δ^9 THC	80.57	241.71	402.85	805.70	837.93
CBDA	----	----	----	----	----
CBD	0.10	0.30	0.50	1.00	1.04
THCV	0.27	0.81	1.35	2.70	2.81
CBGA	----	----	----	----	----
CBG	2.03	6.09	10.15	20.30	21.11
CBN	1.44	4.32	7.20	14.40	14.98
CBC	----	----	----	----	----

NOTE: Results are for sample(s) submitted to Northeast Laboratories Inc. on 08/30/2023.