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

Date Received: 12/15/2023
Report Date: 12/27/2023
NELabs Report ID: 2392184-04

Product ID: LR-231207-O-8048

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	1.45
Δ^9 THC	84.08
CBDA	<LOQ
CBD	<LOQ
THCV	<LOQ
CBGA	----
CBG	0.72
CBN	<LOQ
CBC	1.62
Total Cannabinoids	**87.87 %**
Total THC: 85.35 %	

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

Terpenes by GC-MS	Results (% w/w)
α-Pinene	0.05
Camphene	0.02
β-Myrcene	0.50
β-Pinene	0.13
3-Carene	----
α-Terpinene	----
Limonene	1.05
Ocimene	----
p-Cymene	----
γ-Terpinene	----
Terpinolene	0.05
Linalool	2.01
(-)-Isopulegol	----
Geraniol	----
β-Caryophyllene	1.09
α-Humulene	0.35
cis-Nerolidol	----
trans-Nerolidol	----
Guaiol	----
α-Bisabolol	----
Total Terpenes: 5.25 %	

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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 12/15/2023.

Date:	Reviewed by:	Released by:
12/27/23	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	1.45	4.35	7.25	14.50	15.08
Δ^9 THC	84.08	252.24	420.40	840.80	874.43
CBDA	<LOQ	<1.0	<1.0	<1.0	<1.0
CBD	<LOQ	<1.0	<1.0	<1.0	<1.0
THCV	<LOQ	<1.0	<1.0	<1.0	<1.0
CBGA	----	----	----	----	----
CBG	0.72	2.16	3.60	7.20	7.49
CBN	<LOQ	<1.0	<1.0	<1.0	<1.0
CBC	1.62	4.86	8.10	16.20	16.85

NOTE: Results are for sample(s) submitted to Northeast Laboratories Inc. on 12/15/2023.