

Advanced Grow Labs

400 Frontage Rd.
West Haven, CT 06516

Date Received: 12/05/2023

Report Date: 12/12/2023

NELabs Report ID: 2392046-02

Product ID: LAK-231201-O-5116

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
<i>Aspergillus (flavus, fumigatus, terreus, niger)</i>	Not Detected	Not Detected	qPCR
Enteropathogenic <i>E. coli</i>	Not Detected	Not Detected	AOAC 2017.01
<i>Listeria Monocytogenes</i>	Not Detected	Not Detected	AOAC 2016.08
<i>Salmonella</i> species	Not Detected	Not Detected	AOAC 2016.01
Shiga Toxin Producing <i>E. coli</i>	Not Detected	Not Detected	FDA BAM
Pass/Fail: PASS			

Cannabinoids by HPLC	Results (% w/w)
THCA	1.59
Δ^9 THC	83.95
CBDA	0.98
CBD	<LOQ
THCV	<LOQ
CBGA	----
CBG	1.01
CBN	<LOQ
CBC	1.11
Total Cannabinoids	88.64 %
Total THC: 85.34 %	

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

Terpenes by GC-MS	Results (% w/w)
α -Pinene	0.11
Camphene	0.03
β -Myrcene	0.47
β -Pinene	0.22
3-Carene	----
α -Terpinene	----
Limonene	0.93
Ocimene	----
p-Cymene	----
γ -Terpinene	----
Terpinolene	0.02
Linalool	1.28
(-)-Isopulegol	----
Geraniol	----
β -Caryophyllene	1.81
α -Humulene	0.48
cis-Nerolidol	----
trans-Nerolidol	----
Guaiol	----
α -Bisabolol	----
Total Terpenes: 5.35 %	



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Pesticides by LC-MS/MS	Results	Limits
Per Sample $\geq 0.5g$	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 ($\mu g/kg$)	Limits ($\mu g/kg$)
Aflatoxins (B1, B2, G1, G2)	<20 each	<20 each
Ochratoxin-A	<20	<20
Pass/Fail: PASS		

Ingredient Testing by FTIR	Results ($\mu g/kg$)	Limits ($\mu g/kg$)
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 12/05/2023.

Date:	Reviewed by: <i>Michelle Szylobryt</i>	Released by: <i>Zachary Cannone</i>
12/12/23	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 ISO/ILAC-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	1.59	4.77	7.95	15.90	16.54
Δ^9 THC	83.95	251.85	419.75	839.50	873.08
CBDA	0.98	2.94	4.90	9.80	10.19
CBD	<LOQ	<1.0	<1.0	<1.0	<1.0
THCV	<LOQ	<1.0	<1.0	<1.0	<1.0
CBGA	----	----	----	----	----
CBG	1.01	3.03	5.05	10.10	10.50
CBN	<LOQ	<1.0	<1.0	<1.0	<1.0
CBC	1.11	3.33	5.55	11.10	11.54

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