

Advanced Grow Labs

400 Frontage Rd.
West Haven, CT 06516

Date Received: 07/14/2023

Report Date: 07/21/2023

NELabs Report ID: 2390735-01

Product ID: AF-230714-RS-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
<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	27.05
Δ^9 THC	48.69
CBDA	0.16
CBD	----
THCV	0.13
CBGA	1.81
CBG	0.42
CBN	----
CBC	----
Total Cannabinoids	78.26 %
Total THC: 72.41 %	

Terpenes by GC-MS	Results (% w/w)
α -Pinene	0.23
Camphene	0.06
β -Myrcene	1.09
β -Pinene	0.04
3-Carene	----
α -Terpinene	----
Limonene	1.00
Ocimene	0.06
p-Cymene	----
γ -Terpinene	0.01
Terpinolene	----
Linalool	0.57
(-)-Isopulegol	----
Geraniol	----
β -Caryophyllene	0.90
α -Humulene	----
cis-Nerolidol	----
trans-Nerolidol	----
Guaiol	----
α -Bisabolol	----
Total Terpenes: 3.96 %	



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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 ($\mu\text{g/kg}$)	Limits ($\mu\text{g/kg}$)
Aflatoxins (B1, B2, G1, G2)	<20 each	<20 each
Ochratoxin-A	<20	<20
Pass/Fail: PASS		

Ingredient Testing by FTIR	Results ($\mu\text{g/kg}$)	Limits ($\mu\text{g/kg}$)
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 07/14/2023.

Date:	Reviewed by: 	Released by: 
07/21/2023	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).

129 Mill Street Berlin, CT 06037

www.nelabsct.com

Telephone: 860-828-9787

CT Cert. #PH-0404 EPA Cert. #CT-024 FDA Reg. #086650488 CT CSL#0000624

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Cannabinoids	% w/w	mg per 500 mg	mg per 1000 mg
THCA	27.05	135.25	270.50
Δ^9 THC	48.69	243.45	486.90
CBDA	0.16	0.80	1.60
CBD	----	----	----
THCV	0.13	0.65	1.30
CBGA	1.81	9.05	18.10
CBG	0.42	2.10	4.20
CBN	----	----	----
CBC	----	----	----

NOTE: Results are for sample(s) submitted to Northeast Laboratories Inc. on 07/14/2023.

