

Advanced Grow Labs

400 Frontage Rd.
West Haven, CT 06516

Date Received: 01/02/2024

Report Date: 01/09/2024

NELabs Report ID: 2492291-03

Product ID: AF-231212-O-2643

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	----
Δ^9 THC	78.79
CBDA	<LOQ
CBD	<LOQ
THCV	0.55
CBGA	<LOQ
CBG	1.55
CBN	0.89
CBC	1.60
Total Cannabinoids	83.38 %
Total THC: 78.79 %	

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

Terpenes by GC-MS	Results (% w/w)
α -Pinene	0.04
Camphene	0.01
β -Myrcene	0.66
β -Pinene	0.09
3-Carene	----
α -Terpinene	----
Limonene	0.82
Ocimene	----
p-Cymene	----
γ -Terpinene	----
Terpinolene	0.02
Linalool	2.29
(-)-Isopulegol	----
Geraniol	----
β -Caryophyllene	1.35
α -Humulene	0.41
cis-Nerolidol	----
trans-Nerolidol	----
Guaiol	0.02
α -Bisabolol	----
Total Terpenes: 5.71 %	



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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 01/02/2024.

Date:	Reviewed by: 	Released by: 
01/09/24	Garrett Johnson, 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	----	----	----	----	----
Δ^9 THC	78.79	236.37	393.95	787.90	819.42
CBDA	<LOQ	<1.0	<1.0	<1.0	<1.0
CBD	<LOQ	<1.0	<1.0	<1.0	<1.0
THCV	0.55	1.65	2.75	5.50	5.72
CBGA	<LOQ	<1.0	<1.0	<1.0	<1.0
CBG	1.55	4.65	7.75	15.50	16.12
CBN	0.89	2.67	4.45	8.90	9.26
CBC	1.60	4.80	8.00	16.00	16.64

NOTE: Results are for sample(s) submitted to Northeast Laboratories Inc. on 01/02/2024.



30 Cold Spring Rd. Rocky Hill, CT 06067 • www.nelabsct.com • P: 860-828-9787
PJLA Testing ISO/IEC 17025:2017 Accreditation #: 99258

