

Advanced Grow Labs

400 Frontage Rd.
West Haven, CT 06516

Date Received: 03/02/2023

Report Date: 03/09/2023

NELabs Report ID: 2389643-12

Product ID: AF-F9H24-230221

Microbiology	Results (CFU)	Limits (CFU)	Methods
Total Aerobic Microbial Count	<100	100,000	AOAC 990.12
Total Yeast & Mold Count	150	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 ^a)
THCA	36.51
Δ ⁹ THC	1.39
CBDA	0.13
CBD	----
THCV	----
CBGA	0.98
CBG	0.18
CBN	----
CBC	----
Total Cannabinoids	39.19 %
Total THC: 33.41 %	

^a: percentages reported by dry weight

Moisture	Results
Water Content (% w/w)	15.20
Water Activity (Aw)	0.53

Terpenes by GC-MS	Results (% w/w ^a)
α-Pinene	0.04
Camphene	0.01
β-Myrcene	0.28
β-Pinene	0.07
3-Carene	----
α-Terpinene	----
Limonene	0.35
Ocimene	0.01
p-Cymene	----
γ-Terpinene	----
Terpinolene	----
Linalool	0.47
(-)-Isopulegol	----
Geraniol	0.01
β-Caryophyllene	0.63
α-Humulene	0.20
cis-Nerolidol	0.19
trans-Nerolidol	0.06
Guaiol	----
α-Bisabolol	0.01
Total Terpenes: 2.33 %	

^a: percentages reported by dry weight



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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		

NOTE: Results are for sample(s) submitted to Northeast Laboratories Inc. on 03/02/2023.

Date:	Reviewed by: <i>Michelle Szylobryt</i>	Released by: <i>Zachary Cannone</i>
03/09/2023	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 ISO/ILAC-IAF Communiqué dated April 2017).



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<i>Cannabinoids</i>	% w/w	mg per 3.5 g	mg per 7 g	mg per 14 g	mg per 28 g
THCA	36.51	1,277.85	2,555.70	5,111.40	10,222.80
Δ^9 THC	1.39	48.65	97.30	194.60	389.20
CBDA	0.13	4.55	9.10	18.20	36.40
CBD	----	----	----	----	----
THCV	----	----	----	----	----
CBGA	0.98	34.30	68.60	137.20	274.40
CBG	0.18	6.30	12.60	25.20	50.40
CBN	----	----	----	----	----
CBC	----	----	----	----	----

NOTE: Results are for sample(s) submitted to Northeast Laboratories Inc. on 03/02/2023.

