

Advanced Grow Labs

400 Frontage Rd.
West Haven, CT 06516

Date Received: 03/23/2023

Report Date: 04/03/2023

NELabs Report ID: 2389830-07

Product ID: AF-F10H24-230303

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 ^a)
THCA	38.10
Δ ⁹ THC	1.34
CBDA	0.14
CBD	----
THCV	----
CBGA	1.08
CBG	0.15
CBN	----
CBC	----
Total Cannabinoids	40.81 %
Total THC: 34.75 %	

^a: percentages reported by dry weight

Moisture	Results
Water Content (% w/w)	14.40
Water Activity (Aw)	0.49

Terpenes by GC-MS	Results (% w/w ^a)
α-Pinene	0.03
Camphene	0.01
β-Myrcene	0.41
β-Pinene	0.07
3-Carene	----
α-Terpinene	----
Limonene	0.34
Ocimene	0.02
p-Cymene	----
γ-Terpinene	----
Terpinolene	0.02
Linalool	0.51
(-)-Isopulegol	----
Geraniol	0.02
β-Caryophyllene	0.70
α-Humulene	0.21
cis-Nerolidol	0.16
trans-Nerolidol	0.05
Guaiol	----
α-Bisabolol	0.01
Total Terpenes: 2.56 %	

^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 03/23/2023.
CoA issued 03/31/2023; re-issued 04/03/2023 to update Cannabinoid results at the request of the client.

Date:	Reviewed by: 	Released by: 
04/03/2023	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 ISOILAC-IAF Communiqué dated April 2017).



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Cannabinoids	% w/w	mg per 3.5 g	mg per 7 g	mg per 14 g	mg per 28 g
THCA	38.10	1,333.50	2,667.00	5,334.00	10,668.00
Δ^9 THC	1.34	46.90	93.80	187.60	375.20
CBDA	0.14	4.90	9.80	19.60	39.20
CBD	----	----	----	----	----
THCV	----	----	----	----	----
CBGA	1.08	37.80	75.60	151.20	302.40
CBG	0.15	5.25	10.50	21.00	42.00
CBN	----	----	----	----	----
CBC	----	----	----	----	----

NOTE: Results are for sample(s) submitted to Northeast Laboratories Inc. on 03/23/2023.
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