

Advanced Grow Labs

400 Frontage Rd.
West Haven, CT 06516

Date Received: 02/21/2023

Report Date: 03/02/2023

NELabs Report ID: 2389565-05

Product ID: HC-F7H22-230210

Microbiology	Results (CFU)	Limits (CFU)	Methods
Total Aerobic Microbial Count	200	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	29.39
Δ ⁹ THC	1.83
CBDA	0.15
CBD	----
THCV	----
CBGA	0.47
CBG	0.34
CBN	----
CBC	----
Total Cannabinoids	32.18 %
Total THC: 27.61 %	

^a: percentages reported by dry weight

Moisture	Results
Water Content (% w/w)	14.70
Water Activity (Aw)	0.42

Terpenes by GC-MS	Results (% w/w ^a)
α-Pinene	0.07
Camphene	0.02
β-Myrcene	0.81
β-Pinene	0.15
3-Carene	----
α-Terpinene	----
Limonene	0.83
Ocimene	0.02
p-Cymene	----
γ-Terpinene	----
Terpinolene	0.01
Linalool	----
(-)-Isopulegol	----
Geraniol	----
β-Caryophyllene	0.52
α-Humulene	0.16
cis-Nerolidol	----
trans-Nerolidol	0.06
Guaiol	----
α-Bisabolol	----
Total Terpenes: 2.65 %	

^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 02/21/2023.

Date:	Reviewed by: <i>Michelle Szylobryt</i>	Released by: <i>Zachary Cannone</i>
03/02/2023	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	29.39	1,028.65	2,057.30	4,114.60	8,229.20
Δ^9 THC	1.83	64.05	128.10	256.20	512.40
CBDA	0.15	5.25	10.50	21.00	42.00
CBD	----	----	----	----	----
THCV	----	----	----	----	----
CBGA	0.47	16.45	32.90	65.80	131.60
CBG	0.34	11.90	23.80	47.60	95.20
CBN	----	----	----	----	----
CBC	----	----	----	----	----

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