

Advanced Grow Labs

400 Frontage Rd.
West Haven, CT 06516

Date Received: 02/09/2023

Report Date: 02/16/2023

NELabs Report ID: 2389481-06

Product ID: ZG-F4H37-230131

Microbiology	Results (CFU)	Limits (CFU)	Methods
Total Aerobic Microbial Count	<100	100,000	AOAC 990.12
Total Yeast & Mold Count	450	10,000	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	30.74
Δ ⁹ THC	1.11
CBDA	0.14
CBD	---
THCV	---
CBGA	0.47
CBG	0.23
CBN	---
CBC	---
Total Cannabinoids	32.69 %
Total THC: 28.07 %	

^a: percentages reported by dry weight

Moisture	Results
Water Content (% w/w)	14.9
Water Activity (Aw)	0.48

Terpenes by GC-MS	Results (% w/w ^a)
α-Pinene	0.13
Camphene	0.02
β-Myrcene	0.12
β-Pinene	0.14
3-Carene	---
α-Terpinene	---
Limonene	0.55
Ocimene	0.11
p-Cymene	---
γ-Terpinene	---
Terpinolene	0.01
Linalool	0.28
(-)-Isopulegol	---
Geraniol	---
β-Caryophyllene	0.64
α-Humulene	0.21
cis-Nerolidol	---
trans-Nerolidol	---
Guaiol	---
α-Bisabolol	0.02
Total Terpenes: 2.23 %	

^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 02/09/2023.

Date:	Reviewed by: <i>Michelle Szylobryt</i>	Released by: <i>Zachary Cannone</i>
2/16/23	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	30.74	1075.90	2151.80	4303.60	8607.20
Δ^9 THC	1.11	38.85	77.70	155.40	310.80
CBDA	0.14	4.90	9.80	19.60	39.20
CBD	---	---	---	---	---
THCV	---	---	---	---	---
CBGA	0.47	16.45	32.90	65.80	131.60
CBG	0.23	8.05	16.10	32.20	64.40
CBN	---	---	---	---	---
CBC	---	---	---	---	---

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