

Advanced Grow Labs

400 Frontage Rd.
West Haven, CT 06516

Date Received: 12/15/2022

Report Date: 12/22/2022

NELabs Report ID: 2289091-11

Product ID: ZG-F1H37-221108

Microbiology	Results (CFU)	Limits (CFU)	Methods
Total Aerobic Microbial Count	<100	100,000	AOAC 990.12
Total Yeast & Mold Count	150	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	28.42
THC	0.92
CBDA	0.13
CBD	----
THCV	----
CBGA	0.94
CBG	0.31
CBN	----
CBC	----
Total Cannabinoids: 30.72 %	

^a: percentages reported by dry weight

Moisture	Results
Water Content (% w/w)	13.70
Water Activity (Aw)	0.47

Terpenes by GC-MS	Results (% w/w ^a)
α-Pinene	0.09
Camphene	0.01
β-Myrcene	0.02
β-Pinene	0.07
3-Carene	----
α-Terpinene	----
Limonene	0.25
Ocimene	0.07
p-Cymene	----
γ-Terpinene	----
Terpinolene	0.01
Linalool	0.02
(-)-Isopulegol	----
Geraniol	----
β-Caryophyllene	0.21
α-Humulene	0.07
cis-Nerolidol	0.02
trans-Nerolidol	0.04
Guaiol	----
α-Bisabolol	----
Total Terpenes: 0.88 %	

^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 12/15/2022.

Date:	Reviewed by: 	Released by: 
12/22/2022	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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<i>Cannabinoids</i>	% w/w	mg per 3.5 g	mg per 7 g	mg per 14 g	mg per 28 g
THCA	28.42	994.70	1,989.40	3,978.80	7,957.60
THC	0.92	32.20	64.40	128.80	257.60
CBDA	0.13	4.55	9.10	18.20	36.40
CBD	----	----	----	----	----
THCV	----	----	----	----	----
CBGA	0.94	32.90	65.80	131.60	263.20
CBG	0.31	10.85	21.70	43.40	86.80
CBN	----	----	----	----	----
CBC	----	----	----	----	----

NOTE: Results are for sample(s) submitted to Northeast Laboratories Inc. on 12/15/2022.

