

Advanced Grow Labs

400 Frontage Rd.
West Haven, CT 06516

Date Received: 12/20/2022

Report Date: 12/28/2022

NELabs Report ID: 2289134-01

Product ID: RU-F7H21-221122

Microbiology	Results (CFU)	Limits (CFU)	Methods
Total Aerobic Microbial Count	150	100,000	AOAC 990.12
Total Yeast & Mold Count	350	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	qPCR
Shiga Toxin Producing <i>E. coli</i>	Not Detected	Not Detected	qPCR
Pass/Fail: PASS			

Cannabinoids by HPLC	Results (% w/w ^a)
THCA	29.80
THC	0.45
CBDA	0.14
CBD	---
THCV	---
CBGA	0.51
CBG	0.21
CBN	---
CBC	---
Total Cannabinoids: 31.11%	

^a: percentages reported by dry weight

Moisture	Results
Water Content (% w/w)	14.7
Water Activity (Aw)	0.49

Terpenes by GC-MS	Results (% w/w ^a)
α-Pinene	0.06
Camphene	0.01
β-Myrcene	0.15
β-Pinene	0.09
3-Carene	---
α-Terpinene	---
Limonene	0.53
Ocimene	---
p-Cymene	---
γ-Terpinene	---
Terpinolene	0.01
Linalool	0.12
(-)-Isopulegol	---
Geraniol	---
β-Caryophyllene	0.34
α-Humulene	0.09
cis-Nerolidol	0.02
trans-Nerolidol	0.04
Guaiol	0.03
α-Bisabolol	0.03
Total Terpenes: 1.52%	

^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 12/20/2022.

Date:	Reviewed by: 	Released by: 
12/28/2022	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	29.80	1043.00	2086.00	4172.00	8344.00
THC	0.45	15.75	31.50	63.00	126.00
CBDA	0.14	4.90	9.80	19.60	39.20
CBD	----	----	----	----	----
THCV	----	----	----	----	----
CBGA	0.51	17.85	35.70	71.40	142.80
CBG	0.21	7.35	14.70	29.40	58.80
CBN	----	----	----	----	----
CBC	----	----	----	----	----

NOTE: Results are for sample(s) submitted to Northeast Laboratories Inc. on 12/20/2022.

