

Advanced Grow Labs

400 Frontage Rd.
West Haven, CT 06516

Date Received: 12/22/2022

Report Date: 12/29/2022

NELabs Report ID: 2289158-02

Product ID: GRG-F9H23-221128

Microbiology	Results (CFU)	Limits (CFU)	Methods
Total Aerobic Microbial Count	5,800	100,000	AOAC 990.12
Total Yeast & Mold Count	1,100	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	29.44
THC	0.43
CBDA	0.14
CBD	----
THCV	----
CBGA	0.74
CBG	0.19
CBN	----
CBC	----
Total Cannabinoids: 30.94 %	

^a: percentages reported by dry weight

Moisture	Results
Water Content (% w/w)	13.50
Water Activity (Aw)	0.41

Terpenes by GC-MS	Results (% w/w ^a)
α-Pinene	0.05
Camphene	0.01
β-Myrcene	0.13
β-Pinene	0.08
3-Carene	----
α-Terpinene	----
Limonene	0.46
Ocimene	----
p-Cymene	----
γ-Terpinene	----
Terpinolene	----
Linalool	0.03
(-)-Isopulegol	----
Geraniol	----
β-Caryophyllene	0.39
α-Humulene	0.17
cis-Nerolidol	0.02
trans-Nerolidol	0.12
Guaiol	----
α-Bisabolol	----
Total Terpenes: 1.46 %	

^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 12/22/2022.

Date:	Reviewed by: <i>Michelle Szylobryt</i>	Released by: <i>Zachary Cannone</i>
12/29/2022	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	29.44	1,030.40	2,060.80	4,121.60	8,243.20
THC	0.43	15.05	30.10	60.20	120.40
CBDA	0.14	4.90	9.80	19.60	39.20
CBD	----	----	----	----	----
THCV	----	----	----	----	----
CBGA	0.74	25.90	51.80	103.60	207.20
CBG	0.19	6.65	13.30	26.60	53.20
CBN	----	----	----	----	----
CBC	----	----	----	----	----

NOTE: Results are for sample(s) submitted to Northeast Laboratories Inc. on 12/22/2022.

