

Advanced Grow Labs

400 Frontage Rd.
West Haven, CT 06516

Date Received: 01/11/2024

Report Date: 01/23/2024

NELabs Report ID: 2492381-04

Product ID: RGR-F9H28-240105

Microbiology	Results (CFU)	Limits (CFU)	Methods
Total Aerobic Microbial Count	500	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	26.15
Δ ⁹ THC	0.26
CBDA	0.23
CBD	
THCV	
CBGA	0.27
CBG	<LOQ
CBN	
CBC	
Total Cannabinoids	26.91%
Total THC: 23.19%	

^a: percentages reported by dry weight

Moisture	Results
Water Content (% w/w)	16.3
Water Activity (Aw)	0.59

Terpenes by GC-MS	Results (% w/w ^a)
α-Pinene	0.02
Camphene	
β-Myrcene	0.08
β-Pinene	0.03
3-Carene	
α-Terpinene	
Limonene	0.10
Ocimene	
p-Cymene	
γ-Terpinene	
Terpinolene	0.01
Linalool	0.25
(-)-Isopulegol	
Geraniol	
β-Caryophyllene	0.90
α-Humulene	0.28
cis-Nerolidol	
trans-Nerolidol	
Guaiol	
α-Bisabolol	
Total Terpenes: 1.67%	

^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 01/11/2024.

Date:	Reviewed by: <i>Michelle Szylobryt</i>	Released by: <i>Zachary Cannone</i>
01/23/2024	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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Cannabinoids	% w/w	mg per 3.5 g	mg per 7 g	mg per 14 g	mg per 28 g
THCA	26.15	915.25	1830.50	3661.00	7322.00
Δ^9 THC	0.26	9.10	18.20	36.40	72.80
CBDA	0.23	8.05	16.10	32.20	64.40
CBD					
THCV					
CBGA	0.27	9.45	18.90	37.80	75.60
CBG	<LOQ	<1.0	<1.0	<1.0	<1.0
CBN					
CBC					

NOTE: Results are for sample(s) submitted to Northeast Laboratories Inc. on 01/11/2024.

