

Advanced Grow Labs

400 Frontage Rd.
West Haven, CT 06516

Date Received: 04/09/2024

Report Date: 04/16/2024

NE Labs Report ID: 2493118-05

Product ID: AF-F8H23-240405

Biotrack ID: 9779093089141335, 2411250811580809

Microbiology	Results (CFU)	Limits (CFU)	Methods
Total Aerobic Microbial Count	150	100,000	AOAC 990.12
Total Yeast & Mold Count	<100	100,000	AOAC 2014.05
<i>Aspergillus</i> (flavus, fumigatus, terreus, niger)	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)
CBDV	----
CBDA	<LOQ
CBGA	1.18
CBG	<LOQ
CBD	----
THCV	----
CBN	----
Δ^9 THC	0.63
Δ^8 THC	----
CBL	----
THCA	34.61
CBC	----
Total Cannabinoids: 36.42 %	
Total THC ($0.877 \times \text{THCA}$)+THC: 30.98 %	

^a: percentages calculated on dry weight basis

Terpenes by GC-MS	Results (% w/w)
α -Pinene	0.06
β -Myrcene	0.79
β -Pinene	0.08
Limonene	0.67
α -Terpinolene	0.03
Linalool	0.48
β -Caryophyllene	0.75
α -Humulene	0.20
Caryophyllene Oxide	----
α -Bisabolol	0.02
Total Terpenes: 3.08 %	

^a: percentages calculated on dry weight basis

Moisture	Results
Water Content (% w/w)	14.3
Water Activity (Aw)	0.53



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PJLA Testing ISO/IEC 17025:2017 Accreditation #: 99258

State of CT: ACTL.0000004



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Pesticides by LC-MS/MS	Results	Limits
Per Sample $\geq 0.5g$	Below Action Limits	Below Action Levels
Pass/Fail: PASS		

Mycotoxins by LC-MS/MS	Results ($\mu g/kg$)	Limits ($\mu g/kg$)
Aflatoxins (B1, B2, G1, G2)	<20 each	<20 each
Ochratoxin-A	<20	<20
Pass/Fail: PASS		

Heavy Metals by ICP-MS	Results	Limits
As, Cd, Pb, Hg	Below Action Limits	Below Action Levels
Pass/Fail: PASS		

NOTE: Results are for sample(s) submitted to Northeast Laboratories Inc. on 04/09/2024.

Date:	Reviewed by: 	Released by: 
04/16/2024	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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Cannabinoids	% w/w	mg per 3.5 g	mg per 7 g	mg per 14 g	mg per 28 g
CBDV	----	----	----	----	----
CBDA	<LOQ	<1.0	<1.0	<1.0	<1.0
CBGA	1.18	41.30	82.60	165.20	330.40
CBG	<LOQ	<1.0	<1.0	<1.0	<1.0
CBD	----	----	----	----	----
THCV	----	----	----	----	----
CBN	----	----	----	----	----
Δ^9 THC	0.63	22.05	44.10	88.20	176.40
Δ^8 THC	----	----	----	----	----
CBL	----	----	----	----	----
THCA	34.61	1211.35	2422.70	4845.40	9690.80
CBC	----	----	----	----	----

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