

Advanced Grow Labs

400 Frontage Rd.
West Haven, CT 06516

Date Received: 05/02/2024

Report Date: 05/09/2024

NE Labs Report ID: 2493319-02

Product ID: BY-F5H37-240501

Biotrack ID: 4455 6699 6827 3790, 5323 6997 7610 0984

Microbiology	Results (CFU)	Limits (CFU)	Methods
Total Aerobic Microbial Count	<100	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	qPCR
Pass/Fail: PASS			

Cannabinoids by HPLC	Results (% w/w)
CBDV	----
CBDA	<LOQ
CBGA	1.51
CBG	<LOQ
CBD	----
THCV	----
CBN	----
Δ^9 THC	1.08
Δ^8 THC	----
CBL	----
THCA	23.20
CBC	----
Total Cannabinoids: 25.79 %	
Total THC ($0.877 \times \text{THCA}$)+THC: 21.43 %	

^a: percentages calculated on dry weight basis

Terpenes by GC-MS	Results (% w/w)
α -Pinene	0.26
β -Myrcene	1.59
β -Pinene	0.13
Limonene	0.13
α -Terpinolene	0.00
Linalool	0.07
β -Caryophyllene	0.39
α -Humulene	0.11
Caryophyllene Oxide	----
α -Bisabolol	0.03
Total Terpenes: 2.71 %	

^a: percentages calculated on dry weight basis

Moisture	Results
Water Content (% w/w)	14.7
Water Activity (Aw)	0.51



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

State of CT: ACTL.0000004



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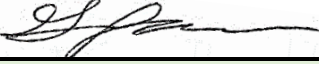
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Pesticides by LC-MS/MS	Results	Limits
Per Sample $\geq 0.5g$	Below Action Limits	Below Action Levels
Pass/Fail: PASS		

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 05/02/2024.

Date:	Reviewed by: 	Released by: 
05/09/2024	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	1.51	52.85	105.70	211.40	422.80
CBG	<LOQ	<1.0	<1.0	<1.0	<1.0
CBD	----	----	----	----	----
THCV	----	----	----	----	----
CBN	----	----	----	----	----
Δ^9 THC	1.08	37.80	75.60	151.20	302.40
Δ^8 THC	----	----	----	----	----
CBL	----	----	----	----	----
THCA	23.20	812.00	1624.00	3248.00	6496.00
CBC	----	----	----	----	----

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