

Advanced Grow Labs

400 Frontage Rd.
West Haven, CT 06516

Date Received: 02/27/2024

Report Date: 03/05/2024

NE Labs Report ID: 2492746-06

Product ID: BY-F5H36-240226

Microbiology	Results (CFU)	Limits (CFU)	Methods
Total Aerobic Microbial Count	750	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	23.40
Δ ⁹ THC	0.48
CBDA	<LOQ
CBD	----
THCV	----
CBGA	1.32
CBG	<LOQ
CBN	----
CBC	----
Total Cannabinoids	25.20 %
Total THC: 21.00 %	

^a: percentages reported by dry weight

Terpenes by GC-MS	Results (% w/w ^a)
α-Pinene	0.17
β-Myrcene	1.07
β-Pinene	0.07
δ-Limonene	0.11
α-Terpinolene	0.03
Linalool	0.08
β-Caryophyllene	0.27
α-Humulene	0.10
Carophyllene Oxide	----
α-Bisabolol	0.05
Total Terpenes: 1.95 %	

^a: percentages reported by dry weight

Moisture	Results
Water Content (% w/w)	13.0
Water Activity (Aw)	0.56



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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 02/27/2024.

Date:	Reviewed by: <i>Michelle Szylobryt</i>	Released by: <i>Zachary Cannone</i>
03/05/2024	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	23.40	819.00	1638.00	3276.00	6552.00
Δ^9 THC	0.48	16.80	33.60	67.20	134.40
CBDA	<LOQ	<1.0	<1.0	<1.0	<1.0
CBD	----	----	----	----	----
THCV	----	----	----	----	----
CBGA	1.32	46.20	92.40	184.80	369.60
CBG	<LOQ	<1.0	<1.0	<1.0	<1.0
CBN	----	----	----	----	----
CBC	----	----	----	----	----

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