

Advanced Grow Labs

400 Frontage Rd.
West Haven, CT 06516

Date Received: 02/29/2024

Report Date: 03/07/2024

NE Labs Report ID: 2492776-06

Product ID: BK-F5H36-240228

Product Type: Flower

Microbiology	Results (CFU)	Limits (CFU)	Methods
Total Aerobic Microbial Count	600	100,000	AOAC 990.12
Total Yeast & Mold Count	<100	10,000	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	0.67
CBG	<LOQ
CBD	-----
THCV	-----
CBN	-----
Δ^9 THC	0.65
Δ^8 THC	-----
CBL	-----
THCA	25.39
CBC	-----
Total Cannabinoids: 26.71 %	
Total THC ($0.877 \times \text{THCA} + \text{THC}$): 22.92 %	

^a: percentages calculated on dry weight basis

Terpenes by GC-MS	Results (% w/w)
α -Pinene	0.11
β -Myrcene	0.50
β -Pinene	0.11
Limonene	1.10
α -Terpinolene	0.03
Linalool	0.31
β -Caryophyllene	0.98
α -Humulene	0.26
Caryophyllene Oxide	-----
α -Bisabolol	0.07
Total Terpenes: 3.47 %	

^a: percentages calculated on dry weight basis

Moisture	Results
Water Content (% w/w)	10.2
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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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		

Ingredient Testing by FTIR	Results ($\mu g/kg$)	Limits ($\mu g/kg$)
Vitamin E Acetate	Not Detected	Absent
Medium Chain Triglycerides	Not Detected	Absent
Squalene	Not Detected	Absent
Squalane	Not Detected	Absent
Polyethylene Glycol	Not Detected	Absent
Pass/Fail: PASS		

NOTE: Results are for sample(s) submitted to Northeast Laboratories Inc. on 02/29/2024.

Date:	Reviewed by:	Released by:
03/07/24	 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 ISOILAC-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	0.67	23.45	46.90	93.80	187.60
CBG	<LOQ	<1.0	<1.0	<1.0	<1.0
CBD	----	----	----	----	----
THCV	----	----	----	----	----
CBN	----	----	----	----	----
Δ^9 THC	0.65	22.75	45.50	91.00	182.00
Δ^8 THC	----	----	----	----	----
CBL	----	----	----	----	----
THCA	25.39	888.65	1777.30	3554.60	7109.20
CBC	----	----	----	----	----

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