

Advanced Grow Labs

400 Frontage Rd.
West Haven, CT 06516

Date Received: 03/04/2024

Report Date: 03/11/2024

NE Labs Report ID: 2492798-01

Product ID: ZK-F5H36-240229

Product Type: Flower

Microbiology	Results (CFU)	Limits (CFU)	Methods
Total Aerobic Microbial Count	350	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			

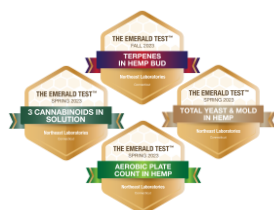
Cannabinoids by HPLC	Results (% w/w)
CBDV	----
CBDA	<LOQ
CBGA	0.39
CBG	<LOQ
CBD	----
THCV	----
CBN	----
Δ^9 THC	0.51
Δ^8 THC	----
CBL	----
THCA	21.91
CBC	----
Total Cannabinoids: 22.81 %	
Total THC ($0.877 \times \text{THCA} + \text{THC}$): 19.73 %	

^a: percentages calculated on dry weight basis

Terpenes by GC-MS	Results (% w/w)
α -Pinene	0.01
β -Myrcene	0.05
β -Pinene	0.03
Limonene	0.24
α -Terpinolene	0.03
Linalool	0.41
β -Caryophyllene	1.91
α -Humulene	0.81
Caryophyllene Oxide	----
α -Bisabolol	0.08
Total Terpenes: 3.57 %	

^a: percentages calculated on dry weight basis

Moisture	Results
Water Content (% w/w)	16.0
Water Activity (Aw)	0.58



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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 03/04/2024.

Date:	Reviewed by: 	Released by: 
03/11/24	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 ISO/ILAC-IAF Communiqué dated April 2017).



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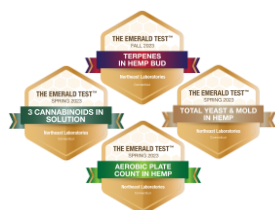
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Product Type: Flower

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	0.39	13.65	27.30	54.60	109.20
CBG	<LOQ	<1.0	<1.0	<1.0	<1.0
CBD	----	----	----	----	----
THCV	----	----	----	----	----
CBN	----	----	----	----	----
Δ^9 THC	0.51	17.85	35.70	71.40	142.80
Δ^8 THC	----	----	----	----	----
CBL	----	----	----	----	----
THCA	21.91	766.85	1533.70	3067.40	6134.80
CBC	----	----	----	----	----

NOTE: Results are for sample(s) submitted to Northeast Laboratories Inc. on 03/04/2024.



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