

Advanced Grow Labs

400 Frontage Rd.
West Haven, CT 06516

Date Received: 08/30/2023

Report Date: 09/08/2023

NELabs Report ID: 2391184-10

Product ID: VL-F4H40-230824

Microbiology	Results (CFU)	Limits (CFU)	Methods
Total Aerobic Microbial Count	200	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	33.20
Δ ⁹ THC	0.24
CBDA	0.25
CBD	----
THCV	----
CBGA	0.75
CBG	0.02
CBN	----
CBC	----
Total Cannabinoids	34.46 %
Total THC: 29.36 %	

^a: percentages reported by dry weight

Moisture	Results
Water Content (% w/w)	19.60
Water Activity (Aw)	0.55

Terpenes by GC-MS	Results (% w/w ^a)
α-Pinene	0.01
Camphene	0.12
β-Myrcene	0.09
β-Pinene	----
3-Carene	----
α-Terpinene	0.20
Limonene	----
Ocimene	----
p-Cymene	----
γ-Terpinene	----
Terpinolene	0.14
Linalool	----
(-)-Isopulegol	----
Geraniol	0.43
β-Caryophyllene	0.14
α-Humulene	----
cis-Nerolidol	----
trans-Nerolidol	0.04
Guaiol	----
α-Bisabolol	----
Total Terpenes: 1.17 %	

^a: percentages reported by dry weight



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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 ($\mu g/kg$)	Limits ($\mu g/kg$)
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 08/30/2023.

Date:	Reviewed by: <i>Michelle Szylobryt</i>	Released by: <i>Zachary Cannone</i>
09/08/2023	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).



30 Cold Spring Rd. Rocky Hill, CT 06067 • www.nelabsct.com • P: 860-828-9787
PJLA Testing ISO/IEC 17025:2017 Accreditation #: 99258



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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	33.20	1,162.00	2,324.00	4,648.00	9,296.00
Δ^9 THC	0.24	8.40	16.80	33.60	67.20
CBDA	0.25	8.75	17.50	35.00	70.00
CBD	----	----	----	----	----
THCV	----	----	----	----	----
CBGA	0.75	26.25	52.50	105.00	210.00
CBG	0.02	0.70	1.40	2.80	5.60
CBN	----	----	----	----	----
CBC	----	----	----	----	----

NOTE: Results are for sample(s) submitted to Northeast Laboratories Inc. on 08/30/2023.

