

Advanced Grow Labs

400 Frontage Rd.
West Haven, CT 06516

Date Received: 07/03/2023

Report Date: 07/12/2023

NELabs Report ID: 2390640-03

Product ID: FP-F1H40-230630

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 (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	20.38
Δ ⁹ THC	1.28
CBDA	0.13
CBD	----
THCV	----
CBGA	0.43
CBG	0.03
CBN	----
CBC	----
Total Cannabinoids	22.25 %
Total THC: 19.15 %	

^a: percentages reported by dry weight

Moisture	Results
Water Content (% w/w)	14.00
Water Activity (Aw)	0.57

Terpenes by GC-MS	Results (% w/w ^a)
α-Pinene	0.06
Camphene	0.02
β-Myrcene	0.24
β-Pinene	0.12
3-Carene	----
α-Terpinene	----
Limonene	0.59
Ocimene	----
p-Cymene	----
γ-Terpinene	----
Terpinolene	----
Linalool	0.24
(-)-Isopulegol	0.01
Geraniol	----
β-Caryophyllene	0.18
α-Humulene	0.04
cis-Nerolidol	----
trans-Nerolidol	----
Guaiol	----
α-Bisabolol	0.02
Total Terpenes: 1.52 %	

^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 ($\mu\text{g/kg}$)	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 07/03/2023.

Date:	Reviewed by: 	Released by: 
07/12/2023	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).



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	20.38	713.30	1,426.60	2,853.20	5,706.40
Δ^9 THC	1.28	44.80	89.60	179.20	358.40
CBDA	0.13	4.55	9.10	18.20	36.40
CBD	----	----	----	----	----
THCV	----	----	----	----	----
CBGA	0.43	15.05	30.10	60.20	120.40
CBG	0.03	1.05	2.10	4.20	8.40
CBN	----	----	----	----	----
CBC	----	----	----	----	----

NOTE: Results are for sample(s) submitted to Northeast Laboratories Inc. on 07/03/2023.

