

Advanced Grow Labs

400 Frontage Rd.
West Haven, CT 06516

Date Received: 03/28/2023

Report Date: 04/05/2023

NELabs Report ID: 2389863-09

Product ID: GSC-F1H39-230323

Microbiology	Results (CFU)	Limits (CFU)	Methods
Total Aerobic Microbial Count	<100	100,000	AOAC 990.12
Total Yeast & Mold Count	300	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	33.04
Δ ⁹ THC	0.74
CBDA	0.16
CBD	----
THCV	----
CBGA	2.43
CBG	0.24
CBN	----
CBC	----
Total Cannabinoids	36.61 %
Total THC: 29.72 %	

^a: percentages reported by dry weight

Moisture	Results
Water Content (% w/w)	14.00
Water Activity (Aw)	0.52

Terpenes by GC-MS	Results (% w/w ^a)
α-Pinene	0.05
Camphene	0.01
β-Myrcene	0.14
β-Pinene	0.09
3-Carene	----
α-Terpinene	----
Limonene	0.36
Ocimene	0.01
p-Cymene	----
γ-Terpinene	----
Terpinolene	0.01
Linalool	0.20
(-)-Isopulegol	----
Geraniol	----
β-Caryophyllene	0.68
α-Humulene	0.25
cis-Nerolidol	0.08
trans-Nerolidol	----
Guaiol	----
α-Bisabolol	0.01
Total Terpenes: 1.89 %	

^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 03/28/2023.

Date:	Reviewed by: <i>Michelle Szylobryt</i>	Released by: <i>Zachary Cannone</i>
04/05/2023	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).



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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	33.04	1,156.40	2,312.80	4,625.60	9,251.20
Δ^9 THC	0.74	25.90	51.80	103.60	207.20
CBDA	0.16	5.60	11.20	22.40	44.80
CBD	----	----	----	----	----
THCV	----	----	----	----	----
CBGA	2.43	85.05	170.10	340.20	680.40
CBG	0.24	8.40	16.80	33.60	67.20
CBN	----	----	----	----	----
CBC	----	----	----	----	----

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