

Advanced Grow Labs

400 Frontage Rd.
West Haven, CT 06516

Date Received: 11/29/2022

Report Date: 12/06/2022

NELabs Report ID: 2288928-01

Product ID: ZG-F5H29-221024

Microbiology	Results (CFU)	Limits (CFU)	Methods
Total Aerobic Microbial Count	<100	100,000	AOAC 990.12
Total Yeast & Mold Count	400	10,000	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	qPCR
Shiga Toxin Producing <i>E. coli</i>	Not Detected	Not Detected	qPCR
Pass/Fail: PASS			

Heavy Metals by ICP-MS	Results (µg/kg BW/day)	Limits (µg/kg BW/day)
Arsenic	<0.14	0.14
Cadmium	<0.09	0.09
Lead	<0.29	0.29
Mercury	<0.29	0.29
Pass/Fail: PASS		

Mycotoxins by LC-MS/MS	Results (µg/kg)	Limits (µg/kg)
Aflatoxin B1	<20	20
Aflatoxin B2	<20	20
Aflatoxin G1	<20	20
Aflatoxin G2	<20	20
Ochratoxin-A	<20	20
Pass/Fail: PASS		

Pesticides by LC-MS/MS	Results		Results
Bifenazate	Not Detected	Myclobutanil	Not Detected
Dimethomorph	Not Detected	Piperonylbutoxide	Not Detected
Etoazole	Not Detected	Spinetoram (J +L)	Not Detected
Fenhexamid	Not Detected	Spinosad (A+D)	Not Detected
Flonicamid	Not Detected	Spirotetramat	Not Detected
Fludioxonil	Not Detected	Thiamethoxam	Not Detected
Imidacloprid	Not Detected	Trifloxystrobin	Not Detected
Pass/Fail: PASS			

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CT Cert. #PH-0404 EPA Cert. #CT-024 FDA Reg. #086650488 CT CSL#0000624

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<i>Terpenes by GC-MS</i>	Results (% w/w^a)
α-Pinene	0.14
Camphene	0.02
β-Myrcene	0.14
β-Pinene	0.13
3-Carene	----
α-Terpinene	----
Limonene	0.50
Ocimene	0.05
p-Cymene	----
γ-Terpinene	----
Terpinolene	0.01
Linalool	0.20
(-)-Isopulegol	----
Geraniol	----
β-Caryophyllene	0.42
α-Humulene	0.13
cis-Nerolidol	0.01
trans-Nerolidol	0.02
Guaiol	----
α-Bisabolol	0.05
Total Terpenes: 1.82	

^a: percentages reported by dry weight

<i>Cannabinoids by HPLC</i>	Results (% w/w^a)
THCA	24.05
THC	0.80
CBDA	0.14
CBD	----
THCV	----
CBGA	0.32
CBG	0.16
CBN	----
CBC	----
Total Cannabinoids: 25.47	

^a: percentages reported by dry weight

<i>Moisture</i>	Results (% w/w)
Water Content	14.40

NOTE: Results are for sample(s) submitted to Northeast Laboratories Inc. on 11/29/2022.

Date:	Reviewed by: 	Released by: 
12/06/2022	Michelle Szylobryt, QA / QC	Zachary Cannone, Laboratory Director

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<i>Cannabinoids</i>	% w/w	mg per 3.5 g	mg per 7 g	mg per 14 g	mg per 28 g
THCA	24.05	841.75	1,683.50	3,367.00	6,734.00
THC	0.80	28.00	56.00	112.00	224.00
CBDA	0.14	4.90	9.80	19.60	39.20
CBD	----	----	----	----	----
THCV	----	----	----	----	----
CBGA	0.32	11.20	22.40	44.80	89.60
CBG	0.16	5.60	11.20	22.40	44.80
CBN	----	----	----	----	----
CBC	----	----	----	----	----

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