

Advanced Grow Labs

400 Frontage Rd.
West Haven, CT 06516

Date Received: 3/15/2022

Report Date: 3/22/2022

NELabs Report ID: 2286932-01

Product ID: LAK-220301-O

Microbiology	Results (CFU)	Limits (CFU)	Methods
Total Aerobic Microbial Count	<100	100,000	AOAC 990.12
Total Yeast & Mold Count	<100	10,000	AOAC 2014.05
Bile Tolerant Gram-Negative Bacteria	<100	1,000	AOAC 2003.01
Coliform	<100	1,000	AOAC 991.14
Enteropathogenic <i>E. coli</i>	Not Detected	Not Detected	AOAC 2017.01
Salmonella species	Not Detected	Not Detected	AOAC 2016.01
Pass/Fail: PASS			

Heavy Metals by ICP-MS	Results (µg/kg BW/day)	Limits (µg/kg BW/day)
Arsenic	<3.2 ⁻⁴	<0.14
Cadmium	<2.4 ⁻⁴	<0.09
Lead	<2.2 ⁻⁴	<0.29
Mercury	<8.4 ⁻⁴	<0.29
Pass/Fail: PASS		

Mycotoxins by LC-MS/MS	Results (µg/kg)	Limits (µg/kg)
Aflatoxin B1	<5	5
Aflatoxin B2	<5	5
Aflatoxin G1	<5	5
Aflatoxin G2	<5	5
Ochratoxin-A	<5	5
Pass/Fail: PASS		

Pesticides by LC-MS/MS	Results	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			

129 Mill Street Berlin, CT 06037

www.nelabsct.com Telephone: 860-828-9787

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)
α -Pinene	0.09
Camphene	0.02
β -Myrcene	0.27
β -Pinene	0.17
3-Carene	----
α -terpinene	----
α -Ocimene	----
p-Cymene	----
Limonene	0.61
β -Ocimene	----
γ -Terpinene	----
Linalool	0.44
Terpinolene	----
(-)-Isopulegol	----
Geraniol	----
β -Caryophyllene	2.12
α -Humulene	0.56
cis-Nerolidol	0.05
trans-Nerolidol	2.43
Guaiol	----
α -Bisabolol	0.01
Total Terpenes: 6.77	

<i>Cannabinoids by HPLC</i>	Results (% w/w)
THCA	0.06
THC	88.28
CBDA	----
CBD	----
THCV	0.01
CBGA	0.30
CBG	0.53
CBN	0.58
CBC	----
Total Cannabinoids: 89.76	

<i>*Residual Alcohol by GC-MS</i>	Results (% w/w)
Ethanol	<0.10

NOTE: Results are for sample(s) submitted to Northeast Laboratories Inc. on 3/15/2022 except for the following: *Residual Alcohol; results from 3/03/2022 (2286842-05).

Date:	Reviewed by: <i>Michelle Szylobryt</i>	Released by: <i>Alan C. Johnson</i>
3/22/2022	Michelle Szylobryt, QA / QC	Alan C. Johnson, Laboratory Director

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<i>Cannabinoids</i>	% w/w	mg per 300 mg	mg per 500 mg	mg per 1000 mg	mg per 1040 mg
THCA	0.06	0.18	0.30	0.60	0.62
THC	88.28	264.84	441.40	882.80	918.11
CBDA	----	----	----	----	----
CBD	----	----	----	----	----
THCV	0.01	0.03	0.05	0.10	0.10
CBGA	0.30	0.90	1.50	3.00	3.12
CBG	0.53	1.59	2.65	5.30	5.51
CBN	0.58	1.74	2.90	5.80	6.03
CBC	----	----	----	----	----

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