

Advanced Grow Labs

400 Frontage Rd.
West Haven, CT 06516

Date Received: 12/06/2022

Report Date: 12/13/2022

NELabs Report ID: 2288979-07

Product ID: LAK-F10H23-RS

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
<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			

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	0.12
Camphene	0.04
β -Myrcene	0.37
β -Pinene	0.17
3-Carene	----
α -Terpinene	----
Limonene	0.77
Ocimene	----
p-Cymene	----
γ -Terpinene	----
Terpinolene	0.02
Linalool	0.48
(-)-Isopulegol	----
Geraniol	----
β -Caryophyllene	1.45
α -Humulene	0.47
cis-Nerolidol	0.11
trans-Nerolidol	0.32
Guaiol	0.03
α -Bisabolol	0.06
Total Terpenes: 4.41	

<i>Cannabinoids by HPLC</i>	Results (% w/w)
THCA	84.77
THC	0.77
CBDA	0.38
CBD	----
THCV	----
CBGA	1.59
CBG	0.39
CBN	----
CBC	----
Total Cannabinoids: 87.90	

NOTE: Results are for sample(s) submitted to Northeast Laboratories Inc. on 12/06/2022.

Date:	Reviewed by: 	Released by: 
12/13/2022	Michelle Szylobryt, QA / QC	Zachary Cannone, 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	84.77	254.31	423.85	847.70	881.61
THC	0.77	2.31	3.85	7.70	8.01
CBDA	0.38	1.14	1.90	3.80	3.95
CBD	----	----	----	----	----
THCV	----	----	----	----	----
CBGA	1.59	4.77	7.95	15.90	16.54
CBG	0.39	1.17	1.95	3.90	4.06
CBN	----	----	----	----	----
CBC	----	----	----	----	----

NOTE: Results are for sample(s) submitted to Northeast Laboratories Inc. on 12/06/2022.