

Advanced Grow Labs

400 Frontage Rd.
West Haven, CT 06516

Date Received: 05/02/2023

Report Date: 05/11/2023

NELabs Report ID: 2390145-11

Product ID: DC-230329-O

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)
THCA	----
Δ^9 THC	75.21
CBDA	----
CBD	0.73
THCV	0.80
CBGA	----
CBG	4.98
CBN	1.61
CBC	----
Total Cannabinoids	83.33%
Total THC: 75.21%	

*Residual Solvent by GC-MS	Results (% w/w)
Ethanol	<0.10

Terpenes by GC-MS	Results (% w/w)
α -Pinene	0.02
Camphene	----
β -Myrcene	0.15
β -Pinene	0.05
3-Carene	0.02
α -Terpinene	0.02
Limonene	0.19
Ocimene	0.53
p-Cymene	----
γ -Terpinene	0.04
Terpinolene	0.86
Linalool	0.18
(-)-Isopulegol	0.01
Geraniol	0.02
β -Caryophyllene	0.85
α -Humulene	0.29
cis-Nerolidol	0.15
trans-Nerolidol	----
Guaiol	0.11
α -Bisabolol	0.01
Total Terpenes: 3.50%	



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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		

Ingredient Testing by FTIR	Results ($\mu\text{g/kg}$)	Limits ($\mu\text{g/kg}$)
Vitamin E Acetate	Not Detected	Absent
Medium Chain Triglycerides	Not Detected	Absent
Squalene	Not Detected	Absent
Squalane	Not Detected	Absent
Polyethylene Glycol	Not Detected	Absent
Pass/Fail: PASS		

NOTE: Results are for sample(s) submitted to Northeast Laboratories Inc. on 05/02/2023 except for the following: *Residual Solvent; results from 03/30/2023 (2389895-05).

Date:	Reviewed by: <i>Michelle Szylobryt</i>	Released by: <i>Zachary Cannone</i>
05/11/2023	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 300 mg	mg per 500 mg	mg per 1000 mg	mg per 1040 mg
THCA	----	----	----	----	----
Δ^9 THC	75.21	225.63	376.05	752.10	782.18
CBDA	----	----	----	----	----
CBD	0.73	2.19	3.65	7.30	7.59
THCV	0.80	2.40	4.00	8.00	8.32
CBGA	----	----	----	----	----
CBG	4.98	14.94	24.90	49.80	51.79
CBN	1.61	4.83	8.05	16.10	16.74
CBC	----	----	----	----	----

NOTE: Results are for sample(s) submitted to Northeast Laboratories Inc. on 05/02/2023.

