

Advanced Grow Labs

400 Frontage Rd.
West Haven, CT 06516

Date Received: 08/18/2023

Report Date: 08/30/2023

NELabs Report ID: 2391077-04

Product ID: D-230816-LA

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	2.54
Δ^9 THC	80.32
Δ^8 THC	1.89
CBDA	----
CBD	0.90
THCV	1.25
CBGA	----
CBG	1.57
CBN	<LOQ
CBC	----
Total Cannabinoids	88.47 %
Total THC: 84.44 %	

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

Terpenes by GC-MS	Results (% w/w)
α -Pinene	0.03
Camphene	0.01
β -Myrcene	0.18
β -Pinene	0.06
3-Carene	----
α -Terpinene	----
Limonene	0.16
Ocimene	----
p-Cymene	----
γ -Terpinene	----
Terpinolene	0.01
Linalool	----
(-)-Isopulegol	----
Geraniol	----
β -Caryophyllene	1.29
α -Humulene	0.43
cis-Nerolidol	0.19
trans-Nerolidol	----
Guaiol	----
α -Bisabolol	----
Total Terpenes: 2.36 %	



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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 08/18/2023.

Date:	Reviewed by: <i>Michelle Szylobryt</i>	Released by: <i>Zachary Cannone</i>
08/30/2023	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	2.54	7.62	12.70	25.40	26.42
Δ^9 THC	80.32	240.96	401.60	803.20	835.33
Δ^8 THC	1.89	5.67	9.45	18.90	19.66
CBDA	----	----	----	----	----
CBD	0.90	2.70	4.50	9.00	9.36
THCV	1.25	3.75	6.25	12.50	13.00
CBGA	----	----	----	----	----
CBG	1.57	4.71	7.85	15.70	16.33
CBN	<LOQ	<1.00	<1.00	<1.00	<1.00
CBC	----	----	----	----	----

NOTE: Results are for sample(s) submitted to Northeast Laboratories Inc. on 08/18/2023.

