

Advanced Grow Labs

400 Frontage Rd.
West Haven, CT 06516

Date Received: 09/13/2023

Report Date: 09/21/2023

NELabs Report ID: 2391302-08

Product ID: D-230831-STL

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	0.86
Δ^9 THC	88.71
CBDA	----
CBD	<LOQ
THCV	<LOQ
CBGA	----
CBG	1.67
CBN	1.19
CBC	----
Total Cannabinoids	92.43 %
Total THC: 89.46 %	

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

Terpenes by GC-MS	Results (% w/w)
α -Pinene	0.08
Camphene	0.01
β -Myrcene	0.33
β -Pinene	0.10
3-Carene	----
α -Terpinene	----
Limonene	0.52
Ocimene	0.01
p-Cymene	----
γ -Terpinene	----
Terpinolene	0.01
Linalool	----
(-)-Isopulegol	0.06
Geraniol	----
β -Caryophyllene	0.55
α -Humulene	0.15
cis-Nerolidol	0.04
trans-Nerolidol	----
Guaiol	----
α -Bisabolol	----
Total Terpenes: 1.86 %	



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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 09/13/2023.

Date:	Reviewed by: <i>Michelle Szylobryt</i>	Released by: <i>Zachary Cannone</i>
09/21/2023	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	0.86	2.58	4.30	8.60	8.94
Δ^9 THC	88.71	266.13	443.55	887.10	922.58
CBDA	----	----	----	----	----
CBD	<LOQ	<1.00	<1.00	<1.00	<1.00
THCV	<LOQ	<1.00	<1.00	<1.00	<1.00
CBGA	----	----	----	----	----
CBG	1.67	5.01	8.35	16.70	17.37
CBN	1.19	3.57	5.95	11.90	12.38
CBC	----	----	----	----	----

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