

Advanced Grow Labs

400 Frontage Rd.
West Haven, CT 06516

Date Received: 07/11/2023

Report Date: 07/18/2023

NELabs Report ID: 2390692-02

Product ID: D-230707-TG

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	83.98
CBDA	----
CBD	0.93
THCV	1.15
CBGA	----
CBG	2.14
CBN	1.19
CBC	----
Total Cannabinoids	89.39 %
Total THC: 83.98 %	

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

Terpenes by GC-MS	Results (% w/w)
α -Pinene	0.05
Camphene	----
β -Myrcene	0.39
β -Pinene	0.10
3-Carene	0.04
α -Terpinene	----
Limonene	0.21
Ocimene	1.09
p-Cymene	----
γ -Terpinene	0.05
Terpinolene	1.69
Linalool	0.18
(-)-Isopulegol	----
Geraniol	----
β -Caryophyllene	0.47
α -Humulene	0.08
cis-Nerolidol	0.05
trans-Nerolidol	----
Guaiol	----
α -Bisabolol	----
Total Terpenes: 4.40 %	



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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 07/11/2023

Date:	Reviewed by: 	Released by: 
07/18/2023	Garrett Johnson, 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	83.98	251.94	419.90	839.80	873.39
CBDA	----	----	----	----	----
CBD	0.93	2.79	4.65	9.30	9.67
THCV	1.15	3.45	5.75	11.50	11.96
CBGA	----	----	----	----	----
CBG	2.14	6.42	10.70	21.40	22.26
CBN	1.19	3.57	5.95	11.90	12.38
CBC	----	----	----	----	----

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