

Advanced Grow Labs

400 Frontage Rd.
West Haven, CT 06516

Date Received: 01/05/2024

Report Date: 01/12/2024

NELabs Report ID: 2492319-04

Product ID: ZA-231228-O-8952

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	1.32
Δ^9 THC	78.27
CBDA	----
CBD	<LOQ
THCV	0.76
CBGA	----
CBG	2.64
CBN	<LOQ
CBC	1.04
Total Cannabinoids	84.03 %
Total THC: 79.43 %	

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

Terpenes by GC-MS	Results (% w/w)
α -Pinene	0.08
Camphene	0.02
β -Myrcene	0.69
β -Pinene	0.17
3-Carene	----
α -Terpinene	----
Limonene	1.23
Ocimene	0.02
p-Cymene	----
γ -Terpinene	----
Terpinolene	0.02
Linalool	1.50
(-)-Isopulegol	----
Geraniol	----
β -Caryophyllene	0.79
α -Humulene	0.28
cis-Nerolidol	----
trans-Nerolidol	----
Guaiol	0.12
α -Bisabolol	----
Total Terpenes: 4.92 %	



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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 01/05/2024.

Date:	Reviewed by: <i>Michelle Szylobryt</i>	Released by: <i>Zachary Cannone</i>
01/12/24	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	1.32	3.96	6.60	13.20	13.73
Δ^9 THC	78.27	234.81	391.35	782.70	814.01
CBDA	----	----	----	----	----
CBD	<LOQ	<1.0	<1.0	<1.0	<1.0
THCV	0.76	2.28	3.80	7.60	7.90
CBGA	----	----	----	----	----
CBG	2.64	7.92	13.20	26.40	27.46
CBN	<LOQ	<1.0	<1.0	<1.0	<1.0
CBC	1.04	3.12	5.20	10.40	10.82

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