

Advanced Grow Labs

400 Frontage Rd.
West Haven, CT 06516

Date Received: 04/13/2023

Report Date: 04/21/2023

NELabs Report ID: 2389997-01

Product ID: IV-230331-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	1.82
Δ^9 THC	85.87
CBDA	----
CBD	----
THCV	1.60
CBGA	----
CBG	1.81
CBN	1.31
CBC	----
Total Cannabinoids	92.41 %
Total THC: 87.47 %	

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

Terpenes by GC-MS	Results (% w/w)
α -Pinene	0.07
Camphene	0.02
β -Myrcene	0.60
β -Pinene	0.16
3-Carene	----
α -Terpinene	----
Limonene	0.87
Ocimene	0.02
p-Cymene	----
γ -Terpinene	----
Terpinolene	0.03
Linalool	0.56
(-)-Isopulegol	----
Geraniol	0.01
β -Caryophyllene	0.66
α -Humulene	0.23
cis-Nerolidol	0.32
trans-Nerolidol	0.08
Guaiol	----
α -Bisabolol	0.02
Total Terpenes: 3.65 %	



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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 04/13/2023 except for the following: *Residual Solvent; results from 04/03/2023 (2389913-03).

Date:	Reviewed by: <i>Michelle Szylobryt</i>	Released by: <i>Zachary Cannone</i>
04/21/2023	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	1.82	5.46	9.10	18.20	18.93
Δ^9 THC	85.87	257.61	429.35	858.70	893.05
CBDA	----	----	----	----	----
CBD	----	----	----	----	----
THCV	1.60	4.80	8.00	16.00	16.64
CBGA	----	----	----	----	----
CBG	1.81	5.43	9.05	18.10	18.82
CBN	1.31	3.93	6.55	13.10	13.62
CBC	----	----	----	----	----

NOTE: Results are for sample(s) submitted to Northeast Laboratories Inc. on 04/13/2023.

