

**Report To:**

Advanced Grow Labs
400 Frontage Rd
West Haven, CT 06516

Laboratory Report#: **AGL050621-02**Report Date: **05/14/2021**

Sample Site:	ADVANCED GROW LABS • 400 FRONTAGE RD, WEST HAVEN CT
Product Description:	AF-210423-O

Microbiological Parameters	Result	Units	Pass/Fail	Recommended Limits
Total Aerobic Microbial Count	<100	per gram	PASS	100,000
Total Yeast & Mold Count	<100	per gram	PASS	10,000
Bile Tolerant Gram Negative Bacteria	<100	per gram	PASS	1,000
Coliform	<100	per gram	PASS	1,000
Enteropathogenic E.coli	Not Detected	per gram	PASS	Not Detected
Salmonella species	Not Detected	per gram	PASS	Not Detected

Heavy Metals:	Result	Units		Limits
Arsenic, Total	<0.0005	µg/kg BW/day	PASS	<0.14
Cadmium, Total	<0.007	µg/kg BW/day	PASS	<0.09
Lead, Total	<0.25	µg/kg BW/day	PASS	<0.29
Mercury, Total	<0.005	µg/kg BW/day	PASS	<0.29

Mycotoxins:	Result	Units		Limits
Aflatoxin B1	<5	µg/kg	PASS	5
Aflatoxin B2	<5	µg/kg	PASS	5
Aflatoxin G1	<5	µg/kg	PASS	5
Aflatoxin G2	<5	µg/kg	PASS	5
Ochratoxin-A	<5	µg/kg	PASS	5

Pesticides:	
Bifenazate	PASS
Bifenthrin	PASS
Cyfluthrin	PASS
Etoxazole	PASS
Imazalil	PASS
Imidacloprid	PASS
Myclobutanil	PASS
Pyrethrum	PASS
Spiromesifen	PASS
Trifloxystrobin	PASS

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TERPENES by GC/MS (% Dry Weight)	Result	Units
a-pinene	0.09	%
camphene	0.04	%
b-pinene	0.18	%
b-myrcene	0.96	%
3-carene	----	%
a-terpinene	----	%
a-ocimene	----	%
p-cymene	----	%
limonene	1.13	%
ocimene	----	%
y-terpinene	----	%
terpinolene	----	%
linalool	6.38	%
(-)-isopulegol	----	%
geraniol	----	%
b-caryophyllene	1.72	%
a-humulene	0.51	%
cis-nerolidol	----	%
trans-nerolidol	0.14	%
guaial	----	%
a-bisabolol	0.18	%
TOTAL TERPENES =	11.33	%

CANNABINOIDS by HPLC (% Dry weight)	Result	Units
THCA	----	% weight
THC	77.41	% weight
CBDA	----	% weight
CBD	----	% weight
THCV	----	% weight
CBGA	0.15	% weight
CBG	2.60	% weight
CBN	----	% weight
CBC	0.60	% weight
TOTAL CANNABINOIDS =	80.76	% weight

Residual Alcohol <0.10 %

Comments:

- Results are based on sample/s submitted to Northeast Laboratories, Inc. on: 05/06/2021 (2184016-02).

Reviewed & Released by:

Michelle Szylobryt
Michelle Szylobryt, QA / QC

Approved By:

Alan C. Johnson
Alan C. Johnson, Laboratory Director

Date: 5/14/2021



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<u>CANNABINOIDS</u>	<u>% by Weight</u>	<u>Mg per 300 mg</u>	<u>Mg per 500 mg</u>	<u>Mg per 1000 mg</u>	<u>Mg per 1040 mg</u>
THCA	----	---	---	---	---
THC	77.41	232.23	387.05	774.10	805.06
CBDA	----	---	---	---	---
CBD	----	---	---	---	---
THCV	----	---	---	---	---
CBGA	0.15	0.45	0.75	1.50	1.56
CBG	2.60	7.80	13.00	26.00	27.04
CBN	----	---	---	---	---
CBC	0.60	1.80	3.00	6.00	6.24

Comments:

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