

**Report To:**

Advanced Grow Labs
400 Frontage Rd
West Haven, CT 06516

Laboratory Report#: **AGL072921-01**Report Date: **08/06/2021**

Sample Site: ADVANCED GROW LABS
• 400 FRONTAGE RD, WEST HAVEN CT

Product Description: AF-210722-O

<u>Microbiological Parameters</u>	<u>Result</u>	<u>Units</u>	<u>Pass/Fail</u>	<u>Recommended Limits</u>
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

<u>Heavy Metals:</u>	<u>Result</u>	<u>Units</u>		<u>Limits</u>
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

<u>Mycotoxins:</u>	<u>Result</u>	<u>Units</u>		<u>Limits</u>
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
α-Pinene	0.10	%
Camphene	0.04	%
β-Myrcene	1.06	%
β-Pinene	0.14	%
3-Carene	----	%
α-terpinene	----	%
α-Ocimene	----	%
p-Cymene	----	%
Limonene	1.36	%
β-Ocimene	----	%
γ-Terpinene	----	%
Linalool	4.43	%
Terpinolene	----	%
(-)-Isopulegol	----	%
Geraniol	----	%
β-Caryophyllene	1.91	%
α-Humulene	0.48	%
cis-Nerolidol	----	%
trans-Nerolidol	0.23	%
Guaiol	----	%
α-Bisabolol	0.19	%
TOTAL TERPENES =	9.94	%

CANNABINOIDS by HPLC (% Dry weight)	Result	Units
THCA	0.05	% weight
THC	76.87	% weight
CBDA	----	% weight
CBD	----	% weight
THCV	2.22	% weight
CBGA	2.08	% weight
CBG	----	% weight
CBN	----	% weight
CBC	----	% weight
TOTAL CANNABINOIDS =	81.22	% weight

Residual Alcohol <0.10 %

Comments:

- Results are based on sample/s submitted to Northeast Laboratories, Inc. on: 07/29/2021 (2184857-01).

Reviewed & Released by:

Michelle Szylobryt, QA / QC

Approved By:

Alan C. Johnson, Laboratory Director

Date: 8/6/2021



Northeast Laboratories, Inc. Supplemental Attachment

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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	0.05	0.15	0.25	0.50	0.52
THC	76.87	230.61	384.35	768.70	799.45
CBDA	----	----	----	----	----
CBD	----	----	----	----	----
THCV	2.22	6.66	11.10	22.20	23.09
CBGA	2.08	6.24	10.40	20.80	21.63
CBG	----	----	----	----	----
CBN	----	----	----	----	----
CBC	----	----	----	----	----

Comments:

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