

**Report To:****ADVANCED GROW LABS****Attn: Elaine Lonergan****400 Frontage Rd****West Haven, CT 06516****Laboratory Report#: AGL031621-02****Report Date: 03/24/2021**

Sample Site:	ADVANCED GROW LABS • 400 FRONTAGE RD, WEST HAVEN CT
Product Description:	AF-F4H28-210216

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	0.06	%
camphene	0.02	%
b-pinene	0.12	%
b-myrcene	0.36	%
3-carene	----	%
a-terpinene	----	%
a-ocimene	----	%
p-cymene	----	%
limonene	0.68	%
b-ocimene	0.02	%
y-terpinene	----	%
terpinolene	----	%
linalool	1.38	%
(-)-isopulegol	----	%
geraniol	----	%
b-caryophyllene	0.67	%
a-humulene	0.17	%
cis-nerolidol	----	%
trans-nerolidol	0.05	%
guaial	----	%
a-bisabolol	0.09	%
TOTAL TERPENES =	3.62	%

CANNABINOIDS by HPLC (% Dry weight)	Result	Units
THCA	30.84	% weight
THC	1.47	% weight
THCV	----	% weight
CBDA	0.01	% weight
CBD	----	% weight
CBGA	1.15	% weight
CBG	0.13	% weight
CBN	----	% weight
CBC	0.03	% weight
TOTAL CANNABINOIDS =	33.63	% weight

Moisture	13.42	%
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Comments:

- Results are based on sample/s submitted to Northeast Laboratories, Inc. on: 03/16/2021 (2183532-02).

Reviewed & Released by: *Michelle Szylobryt*
Michelle Szylobryt, QA / QC

Approved By: *Alan C. Johnson*
Alan C. Johnson, Laboratory Director

Date: 3/24/2021