Analytical Report

Report To:
ADVANCED GROW LABS
Attn: Elaine Lonergan
400 Frontage Rd
West Haven, CT 06516

Laboratory Report#: **AGL091720-02**
Report Date: **09/25/2020**

Sample Site:	**ADVANCED GROW LABS** • **400 FRONTAGE RD, WEST HAVEN CT**
Product Description:	**CPN – F4H22 – 200306 – 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	0.22	%
camphene	----	%
b-pinene	0.31	%
b-myrcene	0.81	%
3-carene	----	%
a-terpinene	----	%
a-ocimene	----	%
p-cymene	----	%
limonene	2.03	%
b-ocimene	----	%
y-terpinene	----	%
terpinolene	0.42	%
linalool	0.45	%
(-)isopulegol	----	%
geraniol	----	%
b-caryophyllene	1.72	%
a-humulene	0.84	%
cis-nerolidol	0.30	%
trans-nerolidol	----	%
guaiol	0.76	%
a-bisabolol	0.88	%
TOTAL TERPENES =	8.75	%

CANNABINOIDS by HPLC (% Dry weight)	**Result**	**Units**
THCA	----	% weight
d9THC	77.81	% weight
CBDA	----	% weight
CBD	----	% weight
CBGA	----	% weight
CBG	----	% weight
CBN	----	% weight
CBC	1.52	% weight
TOTAL CANNABINOIDS =	81.63	% weight

Residual Alcohol	<0.1	%

Comments:
- Results are based on sample/s submitted to Northeast Laboratories, Inc. on: 09/17/2020 (2082034-02).

Reviewed & Released by: Michelle Szylobryt, QA / QC

Approved By: Alan C. Johnson, Laboratory Director

Date: 9/25/2020

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CANNABINOIDS	% by Weight	Mg per 300 mg	Mg per 500 mg	Mg per 1000 mg	Mg per 1040 mg
THCA	----	----	----	----	----
d9THC	77.81	233.43	389.05	778.10	809.22
CBDA	----	----	----	----	----
CBD	----	----	----	----	----
CBGA	----	----	----	----	----
CBG	----	----	----	----	----
CBN	----	----	----	----	----
CBC	1.52	4.56	7.60	15.20	15.35

Comments:
- Results are based on a sample submitted to Northeast Laboratories, Inc. on: 09/17/2020 (2082034-02).