

**Report To:****ADVANCED GROW LABS****Attn: Elaine Lonergan****400 Frontage Rd****West Haven, CT 06516****Laboratory Report#: AGL073020-03****Report Date: 08/07/2020****E-Mail:**elonergan@advancedgrowlabs.com

<u>Sample Site:</u>	ADVANCED GROW LABS • 400 FRONTAGE RD, WEST HAVEN CT		
<u>Date Collected:</u>	7/30/2020 11:52	Collected by: EC of NELabs	
<u>Laboratory ID #:</u>	2081538-03		
<u>Product Description:</u>	IOB – F7H8 – 200722 – O – PAX		

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	0.17	%
camphene	---	%
b-pinene	---	%
b-myrcene	0.84	%
3-carene	---	%
a-terpinene	---	%
a-ocimene	---	%
p-cymene	---	%
limonene	1.16	%
b-ocimene	---	%
y-terpinene	---	%
terpinolene	0.33	%
linalool	---	%
(-)-isopulegol	---	%
geraniol	---	%
b-caryophyllene	2.43	%
a-humulene	0.77	%
cis-nerolidol	---	%
trans-nerolidol	0.40	%
guaial	0.48	%
a-bisabolol	0.66	%
TOTAL TERPENES =	7.24	%

CANNABINOIDS by HPLC (% Dry weight)	Result	Units
THCA	---	% weight
d9THC	82.01	% weight
CBDA	---	% weight
CBD	---	% weight
CBGA	---	% weight
CBG	1.80	% weight
CBN	0.75	% weight
CBC	1.04	% weight
TOTAL CANNABINOIDS =	85.60	% weight

Residual Alcohol	0.48	%
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Comments:

- Results are based on sample/s submitted to Northeast Laboratories, Inc. on: 07/30/2020

Reviewed & Released by:

Kelly Ullmann, QA / QC

Approved By:

Alan C. Johnson, Laboratory Director

Date: 8/07/2020



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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	82.01	246.03	410.05	820.10	852.90
CBDA	----	----	----	----	----
CBD	----	----	----	----	----
CBGA	----	----	----	----	----
CBG	1.80	5.40	9.00	18.00	18.72
CBN	0.75	2.25	3.75	7.50	7.80
CBC	1.04	3.12	5.20	10.40	10.82

Comments:

- Results are based on a sample submitted to Northeast Laboratories, Inc. on: 07/30/2020