

**Report To:****ADVANCED GROW LABS****Attn: Elaine Loneragan****400 Frontage Rd****West Haven, CT 06516**Date Received: **01/13/2020**Date Tested: **01/13/2020**Laboratory Report#: **N2080037-01**E-Mail: elonergan@adancedgrowlabs.comReport Date: **01/22/2020**

Sample Site:	ADVANCED GROW LABS • 400 FRONTAGE RD., WEST HAVEN CT		
Date Collected:	01/13/2020 11:20	Collected by: E. Cybulski of NELabs	
Laboratory ID #:	<u>2080037-01</u>		
Product Description:	DO-F3H22-200107-SH		

Parameter	Result	Units	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

*** RECOMMENDED LIMITS:** per American Herbal Pharmacopoeia (2013)**PASS =** Product meets Microbial and Fungal Recommended Limits
per American Herbal Pharmacopoeia (2013)**METHODS:** USP 2021, USP 2022, FDA-BAM, AOAC 996.09**Comments:**

- Results are based on sample/s submitted to Northeast Laboratories, Inc. on: 01/13/2019

Approved By:

Alan C. Johnson, Laboratory Director

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HEAVY METALS:				
Parameter	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

Daily Dose: 1 gram**Body Weight: 50 kilograms****METHODS: USP <232> and <233> (Modified)****AOAC 986.15, 935.50, 971.21****FCC 7, Appendix 3****LIMITS: per American Herbal Pharmacopoeia (2013)****PASS = Product meets Heavy Metals Recommended Limits
per American Herbal Pharmacopoeia (2013)****Comments:**

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TERPENES (% Dry Weight)	Result	Units
a-pinene	<0.1	%
b-pinene	<0.1	%
b-myrcene	0.24	%
limonene	0.14	%
ocimene	<0.1	%
linalool	1.75	%
b-caryophyllene	1.97	%
humulene	0.36	%
a-bisabolol	0.17	%

Residual Alcohol	0.45	%
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METHODS: GC, GC/MS**Comments:**

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PESTICIDES	
Parameter	Result
Bifenazate	PASS
Bifenthrin	PASS
Cyfluthrin	PASS
Etoxazole	PASS
Imazalil	PASS
Imidacloprid	PASS
Myclobutanil	PASS
Pyrethrum	PASS
Spiromesifen	PASS
Trifloxystrobin	PASS

Comments:

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MYCOTOXINS				
Parameter	Result	Units		Limits
<i>Method: USP 561-II</i>				
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
<i>Method: USP 561-II (Mod)</i>				
Ochratoxin-A	<5	µg/kg	PASS	5

METHODS: USP <561>

Articles of Botanical Origin: Aflatoxins Method 2 (modified for Ochratoxin)

LIMITS: per American Herbal Pharmacopoeia (2013)**Comments:**

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Product Description:	DO-F3H22-200107-SH		

<u>CANNABINOIDS (% weight)</u>	<u>Result</u>	<u>Units</u>
THCA	82.43	% weight
THC	3.45	% weight
CBDA	<0.1	% weight
CBD	<0.1	% weight
CBGA	1.25	% weight
CBG	<0.1	% weight
CBN	<0.1	% weight
CBC	<0.1	% weight

METHODS: HPLC**Comments:**

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<u>Product Description:</u>	DO-F3H22-200107-SH		

<u>CANNABINOIDS (mg per 500mg)</u>	<u>Result</u>	<u>Units</u>
THCA	412.15	mg per 500mg
THC	17.25	mg per 500mg
CBDA	<0.50	mg per 500mg
CBD	<0.50	mg per 500mg
CBGA	6.25	mg per 500mg
CBG	<0.50	mg per 500mg
CBN	<0.50	mg per 500mg
CBC	<0.50	mg per 500mg

METHODS: HPLC

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<u>Product Description:</u>	DO-F3H22-200107-SH		

<u>CANNABINOIDS (mg per 1,000mg)</u>	<u>Result</u>	<u>Units</u>
THCA	824.30	mg per 1,000mg
THC	34.50	mg per 1,000mg
CBDA	<1.00	mg per 1,000mg
CBD	<1.00	mg per 1,000mg
CBGA	12.50	mg per 1,000mg
CBG	<1.00	mg per 1,000mg
CBN	<1.00	mg per 1,000mg
CBC	<1.00	mg per 1,000mg

METHODS: HPLC

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