

**Report To:**

ADVANCED GROW LABS

Attn: Elaine Loneragan

400 Frontage Rd

West Haven, CT 06516

Date Received: 10/15/2019

Date Tested: 10/15/2019

Laboratory Report#: **N1979248-03****E-Mail:** elonergan@adancedgrowlabs.com

Report Date: 10/25/2019

<u>Sample Site:</u>	ADVANCED GROW LABS • 400 FRONTAGE RD., WEST HAVEN CT		
<u>Date Collected:</u>	10/15/2019 12:17	Collected by: E. Cybulski of NELabs	
<u>Laboratory ID #:</u>	<u>1979248-03</u>		
<u>Product Description:</u>	<u>GH-F6H14-190917-CR</u>		

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: 10/15/2019

Approved By:

Alan C. Johnson, Laboratory Director

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Date Received: 10/15/2019

Date Tested: 10/16 – 10/18 2019

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HEAVY METALS:

<u>Parameter</u>	<u>Result</u>	<u>Units</u>		<u>Limits</u>
Arsenic, Total	<0.0005	µg/kg BW/day	PASS	<0.14
Cadmium, Total	<0.002	µg/kg BW/day	PASS	<0.09
Lead, Total	<0.002	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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Date Received: **10/03 & 10/15 2019**Date Tested: **10/11 & 10/16 2019**Laboratory Report#: **N1979248-03****E-Mail:** elonergan@adancedgrowlabs.comReport Date: **10/25/2019**

Sample Site:	ADVANCED GROW LABS • 400 FRONTAGE RD., WEST HAVEN CT	
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Laboratory ID #:	1979248-03	
Product Description:	<u>GH-F6H14-190917-CR</u>	

TERPENES (% Dry Weight)	Result	Units
a-pinene	<0.1	%
b-pinene	<0.1	%
b-myrcene	<0.1	%
limonene	<0.1	%
ocimene	<0.1	%
linalool	0.14	%
b-caryophyllene	0.51	%
humulene	0.12	%
a-bisabolol	0.29	%

Residual Alcohol	<0.01	%
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METHODS: GC, GC/MS**Comments:**

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PESTICIDES LC (MS/MS)				
Parameter	Result	Units		Limits
Bifenazate	<0.01	mg/kg	PASS	6
Bifenthrin	<0.01	mg/kg	PASS	12
Cyfluthrin	<0.01	mg/kg	PASS	12
Etoxazole	<0.01	mg/kg	PASS	24
Imazalil	<0.01	mg/kg	PASS	6
Imidacloprid	<0.01	mg/kg	PASS	36
Myclobutanil	<0.01	mg/kg	PASS	18
Pyrethrum	<0.01	mg/kg	PASS	3
Spiromesifen	<0.01	mg/kg	PASS	15
Trifloxystrobin	<0.01	mg/kg	PASS	60

LOQ = 1.0 µg/kg LOD = 0.1 µg/kg

METHODS: LC – MS/MS (Restek Method)**LIMITS:** per FAO - WHO**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)

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<u>CANNABINOIDS (% weight)</u>	<u>Result</u>	<u>Units</u>
THCA	65.23	% weight
THC	21.31	% weight
CBDA	<0.1	% weight
CBD	<0.1	% weight
CBGA	0.75	% weight
CBG	0.24	% weight
CBN	1.20	% weight
CBC	<0.1	% weight

METHODS: HPLC**Comments:**

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<u>CANNABINOIDS (mg per 500mg)</u>	<u>Result</u>	<u>Units</u>
THCA	326.15	mg per 500mg
THC	106.55	mg per 500mg
CBDA	<0.50	mg per 500mg
CBD	<0.50	mg per 500mg
CBGA	3.75	mg per 500mg
CBG	1.20	mg per 500mg
CBN	6.00	mg per 500mg
CBC	<0.50	mg per 500mg

METHODS: HPLC

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<u>CANNABINOIDS (mg per 1,000mg)</u>	<u>Result</u>	<u>Units</u>
THCA	652.30	mg per 1,000mg
THC	213.10	mg per 1,000mg
CBDA	<1.00	mg per 1,000mg
CBD	<1.00	mg per 1,000mg
CBGA	7.50	mg per 1,000mg
CBG	2.40	mg per 1,000mg
CBN	12.00	mg per 1,000mg
CBC	<1.00	mg per 1,000mg

METHODS: HPLC

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