

**Report To:****ADVANCED GROW LABS****Attn: Elaine Loneragan****400 Frontage Rd****West Haven, CT 06516**Date Received: **01/02/2020**Date Tested: **01/02/2020**Laboratory Report#: **N2079954-01**E-Mail: elonergan@adancedgrowlabs.comReport Date: **01/13/2020**

Sample Site:	ADVANCED GROW LABS • 400 FRONTAGE RD., WEST HAVEN CT		
Date Collected:	01/02/2020 11:24	Collected by: E. Cybulski of NELabs	
Laboratory ID #:	<u>20789954-01</u>		
Product Description:	AM-F5H14-191227-O-FS		

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: 01/02/2019

Approved By:

Alan C. Johnson, Laboratory Director

**Report To:****ADVANCED GROW LABS****Attn: Elaine Loneragan****400 Frontage Rd****West Haven, CT 06516****Date Received: 01/02/2020****Date Tested: 01/06 – 01/09 2020****Laboratory Report#: N2079954-01****E-Mail: elonergan@adancedgrowlabs.com****Report Date: 01/13/2020**

<u>Sample Site:</u>	ADVANCED GROW LABS • 400 FRONTAGE RD., WEST HAVEN CT		
<u>Date Collected:</u>	01/02/2020 11:24	Collected by: E. Cybulski of NELabs	
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<u>Product Description:</u>	AM-F5H14-191227-O-FS		

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

**Report To:****ADVANCED GROW LABS****Attn: Elaine Loneragan****400 Frontage Rd****West Haven, CT 06516****Date Received: 01/02/2020****Date Tested: 01/02 & 01/03 2020****Laboratory Report#: N2079954-01****E-Mail: elonergan@adancedgrowlabs.com****Report Date: 01/13/2020**

<u>Sample Site:</u>	ADVANCED GROW LABS • 400 FRONTAGE RD., WEST HAVEN CT		
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TERPENES (% Dry Weight)	Result	Units
a-pinene	<0.1	%
b-pinene	<0.1	%
b-myrcene	0.14	%
limonene	0.36	%
ocimene	<0.1	%
linalool	0.49	%
b-caryophyllene	3.77	%
humulene	0.69	%
a-bisabolol	0.45	%

METHODS: GC, GC/MS**Comments:**

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<u>Sample Site:</u>	ADVANCED GROW LABS • 400 FRONTAGE RD., WEST HAVEN CT		
<u>Date Collected:</u>	01/02/2020 11:24	Collected by: E. Cybulski of NELabs	
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<u>Product Description:</u>	AM-F5H14-191227-O-FS		

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

Comments:

- Results are based on a sample submitted to Northeast Laboratories, Inc. on: 12/27/2019

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Sample Site:	ADVANCED GROW LABS • 400 FRONTAGE RD., WEST HAVEN CT		
Date Collected:	01/02/2020 11:24	Collected by: E. Cybulski of NELabs	
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Product Description:	AM-F5H14-191227-O-FS		

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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<u>Product Description:</u>	AM-F5H14-191227-O-FS		

<u>CANNABINOIDS (% weight)</u>	<u>Result</u>	<u>Units</u>
THCA	<0.1	% weight
THC	74.95	% weight
CBDA	<0.1	% weight
CBD	<0.1	% weight
CBGA	<0.1	% weight
CBG	2.86	% weight
CBN	0.53	% weight
CBC	0.99	% weight

METHODS: HPLC**Comments:**

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Date Received: 01/02/2020
Date Tested: 01/06/2020
Laboratory Report#: N2079954-01

E-Mail: elonergan@adancedgrowlabs.com

Report Date: 01/10/2020

<u>Sample Site:</u>	Advanced Grow Labs • 400 Frontage Rd., West Haven CT		
<u>Date Collected:</u>	01/02/2020 11:24	Collected by: E. Cybulski of NELabs	
<u>Laboratory ID #:</u>	<u>20789954-01</u>		
<u>Product Description:</u>	AM-F5H14-191227-O-FS		

<u>CANNABINOIDS (mg per 300mg)</u>	<u>Result</u>	<u>Units</u>
THCA	<0.30	mg per 300mg
THC	224.85	mg per 300mg
CBDA	<0.30	mg per 300mg
CBD	<0.30	mg per 300mg
CBGA	<0.30	mg per 300mg
CBG	8.58	mg per 300mg
CBN	1.59	mg per 300mg
CBC	2.97	mg per 300mg

METHODS: HPLC

Comments:

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E-Mail: elonergan@adancedgrowlabs.com

Report Date: **01/10/2020**

<u>Sample Site:</u>	Advanced Grow Labs • 400 Frontage Rd., West Haven CT		
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<u>Product Description:</u>	AM-F5H14-191227-O-FS		

<u>CANNABINOIDS (mg per 420mg)</u>	<u>Result</u>	<u>Units</u>
THCA	<0.42	mg per 420mg
THC	314.79	mg per 420mg
CBDA	<0.42	mg per 420mg
CBD	<0.42	mg per 420mg
CBGA	<0.42	mg per 420mg
CBG	12.01	mg per 420mg
CBN	2.23	mg per 420mg
CBC	4.16	mg per 420mg

METHODS: HPLC

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<u>CANNABINOIDS (mg per 500mg)</u>	<u>Result</u>	<u>Units</u>
THCA	<0.50	mg per 500mg
THC	374.75	mg per 500mg
CBDA	<0.50	mg per 500mg
CBD	<0.50	mg per 500mg
CBGA	<0.50	mg per 500mg
CBG	14.30	mg per 500mg
CBN	2.65	mg per 500mg
CBC	4.95	mg per 500mg

METHODS: HPLC

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CANNABINOIDS (mg per 1,000mg)	Result	Units
THCA	<1.00	mg per 1,000mg
THC	749.50	mg per 1,000mg
CBDA	<1.00	mg per 1,000mg
CBD	<1.00	mg per 1,000mg
CBGA	<1.00	mg per 1,000mg
CBG	28.60	mg per 1,000mg
CBN	5.30	mg per 1,000mg
CBC	9.90	mg per 1,000mg

METHODS: HPLC

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