

**Report To:****ADVANCED GROW LABS****Attn: Elaine Loneragan****400 Frontage Rd****West Haven, CT 06516**Date Received: **12/27/2019**Date Tested: **12/27/2019**Laboratory Report#: **N1979299-01**E-Mail: elonergan@adancedgrowlabs.comReport Date: **01/10/2020**

<u>Sample Site:</u>	ADVANCED GROW LABS • 400 FRONTAGE RD., WEST HAVEN CT		
<u>Date Collected:</u>	12/27/2019 11:14	Collected by: E. Cybulski of NELabs	
<u>Laboratory ID #:</u>	<u>1979922-01</u>		
<u>Product Description:</u>	CP-F5H13-191216-O		

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: 12/27/2019

Approved By:

Alan C. Johnson, Laboratory Director

**Report To:****ADVANCED GROW LABS****Attn: Elaine Loneragan****400 Frontage Rd****West Haven, CT 06516****Date Received: 12/27/2019****Date Tested: 12/30/2019 – 1/3/2020****Laboratory Report#: N1979299-01****E-Mail: elonergan@adancedgrowlabs.com****Report Date: 01/10/2020**

Sample Site:	ADVANCED GROW LABS • 400 FRONTAGE RD., WEST HAVEN CT		
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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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Approved By:**Alan C. Johnson, Laboratory Director**

**Report To:****ADVANCED GROW LABS****Attn: Elaine Loneragan****400 Frontage Rd****West Haven, CT 06516**Date Received: **12/17 & 12/27 2019**Date Tested: **12/27 & 12/30 2019**Laboratory Report#: **N1979299-01**E-Mail: elonergan@adancedgrowlabs.comReport Date: **01/10/2020**

Sample Site:	ADVANCED GROW LABS • 400 FRONTAGE RD., WEST HAVEN CT		
Date Collected:	12/27/2019 11:14	Collected by: E. Cybulski of NELabs	
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Product Description:	CP-F5H13-191216-O		

TERPENES (% Dry Weight)	Result	Units
a-pinene	0.49	%
b-pinene	0.24	%
b-myrcene	0.81	%
limonene	0.23	%
ocimene	<0.1	%
linalool	0.28	%
b-caryophyllene	1.88	%
humulene	0.47	%
a-bisabolol	0.42	%

Residual Alcohol	0.24	%
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METHODS: GC, GC/MS**Comments:**

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**Report To:****ADVANCED GROW LABS****Attn: Elaine Loneragan****400 Frontage Rd****West Haven, CT 06516****Date Received: 12/27/2019****Date Tested: 01/04/ - 01/07 2020****Laboratory Report#: N1979299-01****E-Mail: elonergan@adancedgrowlabs.com****Report Date: 01/10/2020**

Sample Site:	ADVANCED GROW LABS • 400 FRONTAGE RD., WEST HAVEN CT		
Date Collected:	12/27/2019 11:14	Collected by: E. Cybulski of NELabs	
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Product Description:	CP-F5H13-191216-O		

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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Product Description:	CP-F5H13-191216-O		

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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Sample Site:	ADVANCED GROW LABS • 400 FRONTAGE RD., WEST HAVEN CT		
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Product Description:	CP-F5H13-191216-O		

<u>CANNABINOIDS (% weight)</u>	<u>Result</u>	<u>Units</u>
THCA	<0.1	% weight
THC	77.12	% weight
CBDA	<0.1	% weight
CBD	<0.1	% weight
CBGA	<0.1	% weight
CBG	0.84	% weight
CBN	1.50	% weight
CBC	<0.1	% weight

METHODS: HPLC**Comments:**

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Date Tested: 12/30/2019
Laboratory Report#: N1979299-01

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>	12/27/2019 11:14	Collected by: E. Cybulski of NELabs	
<u>Laboratory ID #:</u>	<u>1979922-01</u>		
<u>Product Description:</u>	CP-F5H13-191216-O		

<u>CANNABINOIDS (mg per 300mg)</u>	<u>Result</u>	<u>Units</u>
THCA	<0.30	mg per 300mg
THC	231.36	mg per 300mg
CBDA	<0.30	mg per 300mg
CBD	<0.30	mg per 300mg
CBGA	<0.30	mg per 300mg
CBG	2.52	mg per 300mg
CBN	4.50	mg per 300mg
CBC	<0.30	mg per 300mg

METHODS: HPLC

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<u>CANNABINOIDS (mg per 420mg)</u>	<u>Result</u>	<u>Units</u>
THCA	<0.42	mg per 420mg
THC	323.90	mg per 420mg
CBDA	<0.42	mg per 420mg
CBD	<0.42	mg per 420mg
CBGA	<0.42	mg per 420mg
CBG	3.53	mg per 420mg
CBN	6.30	mg per 420mg
CBC	<0.42	mg per 420mg

METHODS: HPLC

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<u>Product Description:</u>	CP-F5H13-191216-O		

CANNABINOIDS (mg per 500mg)	Result	Units
THCA	<0.50	mg per 500mg
THC	385.60	mg per 500mg
CBDA	<0.50	mg per 500mg
CBD	<0.50	mg per 500mg
CBGA	<0.50	mg per 500mg
CBG	4.20	mg per 500mg
CBN	7.50	mg per 500mg
CBC	<0.50	mg per 500mg

METHODS: HPLC

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<u>Product Description:</u>	CP-F5H13-191216-O		

CANNABINOIDS (mg per 1,040mg)	Result	Units
THCA	<1.00	mg per 1,040mg
THC	802.05	mg per 1,040mg
CBDA	<1.00	mg per 1,040mg
CBD	<1.00	mg per 1,040mg
CBGA	<1.00	mg per 1,040mg
CBG	8.74	mg per 1,040mg
CBN	15.60	mg per 1,040mg
CBC	<1.00	mg per 1,040mg

METHODS: HPLC

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