

**Report To:****ADVANCED GROW LABS****Attn: Elaine Loneragan****400 Frontage Rd****West Haven, CT 06516**Date Received: **01/23/2020**Date Tested: **01/23/2020**Laboratory Report#: **N2080134-03**E-Mail: elonergan@adancedgrowlabs.comReport Date: **02/04/2020**

<u>Sample Site:</u>	ADVANCED GROW LABS • 400 FRONTAGE RD., WEST HAVEN CT		
<u>Date Collected:</u>	01/23/2020 12:00	Collected by: E. Cybulski of NELabs	
<u>Laboratory ID #:</u>	<u>2080134-03</u>		
<u>Product Description:</u>	MAC-F9H7-200113-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: 01/23/2019

Approved By:

Alan C. Johnson, Laboratory Director

**Report To:****ADVANCED GROW LABS****Attn: Elaine Loneragan****400 Frontage Rd****West Haven, CT 06516****Date Received: 01/23/2020****Date Tested: 01/27 – 01/29 2020****Laboratory Report#: N2080134-03****E-Mail: elonergan@adancedgrowlabs.com****Report Date: 02/04/2020**

Sample Site:	ADVANCED GROW LABS • 400 FRONTAGE RD., WEST HAVEN CT		
Date Collected:	01/23/2020 12:00	Collected by: E. Cybulski of NELabs	
Laboratory ID #:	<u>2080134-03</u>		
Product Description:	MAC-F9H7-200113-SH		

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:**

- Results are based on sample/s submitted to Northeast Laboratories, Inc. on: 01/23/2020
- Sample tested as part of composite with MAC-F9H7-200123-CR

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

**Report To:****ADVANCED GROW LABS****Attn: Elaine Loneragan****400 Frontage Rd****West Haven, CT 06516**Date Received: **01/13 & 01/23 2020**Date Tested: **01/14 & 01/24 2020**Laboratory Report#: **N2080134-03**E-Mail: elonergan@adancedgrowlabs.comReport Date: **02/04/2020**

<u>Sample Site:</u>	ADVANCED GROW LABS • 400 FRONTAGE RD., WEST HAVEN CT		
<u>Date Collected:</u>	01/23/2020 12:00	Collected by: E. Cybulski of NELabs	
<u>Laboratory ID #:</u>	<u>2080134-03 / 2080037-02</u>		
<u>Product Description:</u>	MAC-F9H7-200113-SH		

TERPENES (% Dry Weight)	Result	Units
a-pinene	<0.1	%
b-pinene	<0.1	%
b-myrcene	0.20	%
limonene	0.16	%
ocimene	<0.1	%
linalool	0.33	%
b-caryophyllene	0.69	%
humulene	0.17	%
a-bisabolol	<0.1	%

Residual Alcohol	0.21	%
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METHODS: GC, GC/MS**Comments:**

- Results are based on sample/s submitted to Northeast Laboratories, Inc. on: 01/13 & 01/23 2020

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<u>Date Collected:</u>	01/23/2020 12:00	Collected by: E. Cybulski of NELabs	
<u>Laboratory ID #:</u>	<u>2080134-03</u>		
<u>Product Description:</u>	MAC-F9H7-200113-SH		

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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- Sample tested as part of composite with MAC-F9H7-200123-CR

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Product Description:	MAC-F9H7-200113-SH		

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>	MAC-F9H7-200113-SH		

<u>CANNABINOIDS (% weight)</u>	<u>Result</u>	<u>Units</u>
THCA	76.06	% weight
THC	3.68	% weight
CBDA	<0.1	% weight
CBD	<0.1	% weight
CBGA	2.77	% weight
CBG	<0.1	% weight
CBN	<0.1	% weight
CBC	<0.1	% weight

METHODS: HPLC**Comments:**

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CANNABINOIDS (mg per 500mg)	Result	Units
THCA	380.30	mg per 500mg
THC	18.40	mg per 500mg
CBDA	<0.50	mg per 500mg
CBD	<0.50	mg per 500mg
CBGA	13.85	mg per 500mg
CBG	<0.50	mg per 500mg
CBN	<0.50	mg per 500mg
CBC	<0.50	mg per 500mg

METHODS: HPLC

Comments:

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<u>Product Description:</u>	MAC-F9H7-200113-SH		

CANNABINOIDS (mg per 1,000mg)	Result	Units
THCA	760.60	mg per 1,000mg
THC	36.80	mg per 1,000mg
CBDA	<1.00	mg per 1,000mg
CBD	<1.00	mg per 1,000mg
CBGA	27.70	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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