

Advanced Grow Labs 400 Frontage Road West Haven, CT 06516

Sativarin A 250 VPen - 250mg

V2

NDC: 2859

Batch: AGL-TG-F4H8-170106-OP
Ingredients: Cannabis Oil, Polyethylene Glycol.

Packaging Date: 01/26/2017 Net Wt: 0.42 g
Expiration Date: 01/17/2018 0.01 oz

Testing Date: 01/17/2017

Flower Equivalence: 1.0 grams

Microbiology, Mycotoxins, Heavy Metals,

Pesticides - ALL PASS

Contains Terpenes:

α -Pinene	0 %	Ocimene	0 %
B-Pinene	0 %	Linalool	0 %
B-Myrcene	0.97 %	B-Caryophyllene	0.39 %
Limonene	0 %	Humulene	0.19 %

Cannabinoid Content per Unit:

THC-A	THC	CBD-A	CBD	CBG-A	CBG	CBN	CBC
0 mg	250.40 mg	0 mg	0 mg	0 mg	5.21 mg	0 mg	0 mg
0 %	59.62 %	0 %	0 %	0 %	1.24 %	0 %	0 %

Sativarin A 250 VPen V2

NDC#2859 Expiration: 1/17/18

See vial for more information

**Report To:****ADVANCED GROW LABS****Attn: Elaine Lonergan****400 Frontage Rd****West Haven, CT 06516****Date Received: 01/16/2017****Date Tested: 01/17 & 1/23 2017****Laboratory Report#: N1768612-04****E-Mail: elonergan@adancedgrowlabs.com****Report Date: 01/25/2017**

<u>Sample Site:</u>	ADVANCED GROW LABS • 400 FRONTAGE RD., WEST HAVEN CT		
<u>Date Collected:</u>	01/16/2017 11:00	Collected by: C. Appell of NELabs	
<u>Laboratory ID #:</u>	<u>1768612-04</u>		
<u>Product Description:</u>	<u>AGL TG-F4H8-170106-OP</u>		

TERPENES
(% Dry Weight)

	Result	Units
a-pinene	---	%
b-pirene	---	%
b-myrcene	0.97	%
limonene	---	%
ocimene	---	%
linalool	---	%
b-caryophyllene	0.39	%
humulene	0.19	%

Residual Alcohol	<0.01	%
------------------	-------	---

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

- Results are based on sample/s submitted to Northeast Laboratories, Inc. on: 01/16/2017

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

**Report To:****ADVANCED GROW LABS****Attn: Elaine Loneragan****400 Frontage Rd****West Haven, CT 06516****Date Received: 01/16/2017****Date Tested: 01/17/2017****Laboratory Report#: N1768612-04****E-Mail: elonergan@adancedgrowlabs.com****Report Date: 01/25/2017**

<u>Sample Site:</u>	ADVANCED GROW LABS • 400 FRONTAGE RD., WEST HAVEN CT		
<u>Date Collected:</u>	01/16/2017 11:00	Collected by: C. Appell of NELabs	
<u>Laboratory ID #:</u>	<u>1768612-04</u>		
<u>Product Description:</u>	AGL TG-F4H8-170106-OP		

<u>CANNABINOIDS (% weight)</u>	<u>Result</u>	<u>Units</u>
CBDV	----	% weight
CBDA	----	% weight
CBGA	----	% weight
CBG	1.24	% weight
CBD	----	% weight
THCV	----	% weight
CBN	----	% weight
THC	59.62	% weight
CBC	----	% weight
THCA	----	% weight

METHODS: HPLC**Comments:**

- Results are based on sample/s submitted to Northeast Laboratories, Inc. on: 01/16/2017

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

**Report To:****ADVANCED GROW LABS****Attn: Elaine Loneragan****400 Frontage Rd****West Haven, CT 06516****Date Received: 01/16/2017****Date Tested: 01/17/2017****Laboratory Report#: N1768612-04****E-Mail: elonergan@adancedgrowlabs.com****Report Date: 01/25/2017**

<u>Sample Site:</u>	ADVANCED GROW LABS • 400 FRONTAGE RD., WEST HAVEN CT		
<u>Date Collected:</u>	01/16/2017 11:00	Collected by: C. Appell of NELabs	
<u>Laboratory ID #:</u>	<u>1768612-04</u>		
<u>Product Description:</u>	AGL TG-F4H8-170106-OP		

CANNABINOIDS mg per 280 mg	Result	Units
CBDV	----	mg/280 mg
CBDA	----	mg/280 mg
CBGA	----	mg/280 mg
CBG	3.47	mg/280 mg
CBD	----	mg/280 mg
THCV	----	mg/280 mg
CBN	----	mg/280 mg
THC	166.94	mg/280 mg
CBC	----	mg/280 mg
THCA	----	mg/280 mg

METHODS: HPLC**Comments:**

- Results are based on sample/s submitted to Northeast Laboratories, Inc. on: 01/16/2017

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

**Report To:****ADVANCED GROW LABS****Attn: Elaine Loneragan****400 Frontage Rd****West Haven, CT 06516****Date Received: 01/16/2017****Date Tested: 01/17/2017****Laboratory Report#: N1768612-04****E-Mail: elonergan@adancedgrowlabs.com****Report Date: 01/25/2017**

<u>Sample Site:</u>	ADVANCED GROW LABS • 400 FRONTAGE RD., WEST HAVEN CT		
<u>Date Collected:</u>	01/16/2017 11:00	Collected by: C. Appell of NELabs	
<u>Laboratory ID #:</u>	1768612-04		
<u>Product Description:</u>	AGL TG-F4H8-170106-OP		

<u>CANNABINOIDS</u> <u>mg per 420 mg</u>	<u>Result</u>	<u>Units</u>
CBDV	----	mg/420 mg
CBDA	----	mg/420 mg
CBGA	----	mg/420 mg
CBG	5.21	mg/420 mg
CBD	----	mg/420 mg
THCV	----	mg/420 mg
CBN	----	mg/420 mg
THC	250.40	mg/420 mg
CBC	----	mg/420 mg
THCA	----	mg/420 mg

METHODS: HPLC**Comments:**

- Results are based on sample/s submitted to Northeast Laboratories, Inc. on: 01/16/2017

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

**Report To:**

ADVANCED GROW LABS

Attn: Elaine Loneragan

400 Frontage Rd

West Haven, CT 06516

Date Received: **01/16/2017**Date Tested: **01/17/2017**Laboratory Report#: **N1768612-04****E-Mail:** elonergan@adancedgrowlabs.comReport Date: **01/25/2017**

<u>Sample Site:</u>	ADVANCED GROW LABS • 400 FRONTAGE RD., WEST HAVEN CT		
<u>Date Collected:</u>	01/16/2017 11:00	Collected by: C. Appell of NELabs	
<u>Laboratory ID #:</u>	<u>1768612-04</u>		
<u>Product Description:</u>	AGL TG-F4H8-170106-OP		

<u>CANNABINOIDS</u> mg per 530 mg	<u>Result</u>	<u>Units</u>
CBDV	----	mg/530 mg
CBDA	----	mg/530 mg
CBGA	----	mg/530 mg
CBG	6.57	mg/530 mg
CBD	----	mg/530 mg
THCV	----	mg/530 mg
CBN	----	mg/530 mg
THC	315.99	mg/530 mg
CBC	----	mg/530 mg
THCA	----	mg/530 mg

METHODS: HPLC**Comments:**

- Results are based on sample/s submitted to Northeast Laboratories, Inc. on: 01/16/2017

Approved By:

Alan C. Johnson, Laboratory Director

**Report To:****ADVANCED GROW LABS****Attn: Elaine Loneragan****400 Frontage Rd****West Haven, CT 06516**Date Received: **01/09/2017**Date Tested: **01/09/2017**Laboratory Report#: **N1768522-07****E-Mail:** elonergan@adancedgrowlabs.comReport Date: **01/18/2017**

<u>Sample Site:</u>	ADVANCED GROW LABS		
	• 400 FRONTAGE RD., WEST HAVEN CT		
<u>Date Collected:</u>	01/09/2017 11:00	Collected by: C. Appell of NELabs	
<u>Laboratory ID #:</u>	1768522 – 07		
<u>Product Description:</u>	AGL TG F4H8 170106 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: 01/09/2017

Approved By:

Alan C. Johnson, Laboratory Director

**Report To:****ADVANCED GROW LABS****Attn: Elaine Loneragan****400 Frontage Rd****West Haven, CT 06516****Date Received: 01/09/2017****Date Tested: 01/17 – 01/18 2017****Laboratory Report#: N1768522-07****E-Mail: elonergan@adancedgrowlabs.com****Report Date: 01/18/2017**

<u>Sample Site:</u>	ADVANCED GROW LABS • 400 FRONTAGE RD., WEST HAVEN CT		
<u>Date Collected:</u>	01/09/2017 11:00	Collected by: C. Appell of NELabs	
<u>Laboratory ID #:</u>	<u>1768522 – 07</u>		
<u>Product Description:</u>	AGL TG F4H8 170106 O		

HEAVY METALS:				
Parameter	Result	Units		Limits
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:**

- Results are based on sample/s submitted to Northeast Laboratories, Inc. on: 01/09/2017

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

**Report To:****ADVANCED GROW LABS****Attn: Elaine Loneragan****400 Frontage Rd****West Haven, CT 06516****Date Received: 01/09/2017****Date Tested: 01/11 & 01/13 2017****Laboratory Report#: N1768522-07****E-Mail: elonergan@adancedgrowlabs.com****Report Date: 01/18/2017**

<u>Sample Site:</u>	ADVANCED GROW LABS • 400 FRONTAGE RD., WEST HAVEN CT		
<u>Date Collected:</u>	01/09/2017 11:00	Collected by: C. Appell of NELabs	
<u>Laboratory ID #:</u>	<u>1768522 – 07</u>		
<u>Product Description:</u>	AGL TG F4H8 170106 O		

TERPENES (% Dry Weight)	Result	Units
a-pinene	---	%
b-pirene	---	%
b-myrcene	---	%
limonene	---	%
ocimene	---	%
linalool	---	%
b-caryophyllene	0.30	%
humulene	0.13	%

Residual Alcohol	<0.01	%
------------------	-------	---

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

- Results are based on sample/s submitted to Northeast Laboratories, Inc. on: 01/09/2017

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

**Report To:****ADVANCED GROW LABS****Attn: Elaine Loneragan****400 Frontage Rd****West Haven, CT 06516****Date Received: 01/09/2017****Date Tested: 01/11/2017****Laboratory Report#: N1768522-07****E-Mail: elonergan@adancedgrowlabs.com****Report Date: 01/18/2017**

<u>Sample Site:</u>	ADVANCED GROW LABS • 400 FRONTAGE RD., WEST HAVEN CT		
<u>Date Collected:</u>	01/09/2017 11:00	Collected by: C. Appell of NELabs	
<u>Laboratory ID #:</u>	<u>1768522 – 07</u>		
<u>Product Description:</u>	AGL TG F4H8 170106 O		

PESTICIDES LC (MS/MS)				
Parameter	Result	Units		Limits
Abamectin	<0.01	mg/kg	PASS	15
Acequinocyl	<0.01	mg/kg	PASS	14
Azadiractin	<0.01	mg/kg	PASS	60
Bifenazate	<0.01	mg/kg	PASS	6
Bifenthrin	<0.01	mg/kg	PASS	12
Chlormequat Chloride	<0.01	mg/kg	PASS	30
Cyfluthrin	<0.01	mg/kg	PASS	12
Daminozide	<0.01	mg/kg	PASS	270
Etoxazole	<0.01	mg/kg	PASS	24
Fenoxycarb	<0.01	mg/kg	PASS	32
Imazalil	<0.01	mg/kg	PASS	6
Imidacloprid	<0.01	mg/kg	PASS	36
Myclobutanil	<0.01	mg/kg	PASS	18
Paclobutrazol	<0.01	mg/kg	PASS	13
Pyrethrum	<0.01	mg/kg	PASS	3
Spinosad	<0.01	mg/kg	PASS	12
Spiromesifen	<0.01	mg/kg	PASS	15
Spirotetramat	<0.01	mg/kg	PASS	30
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:**

- Results are based on sample/s submitted to Northeast Laboratories, Inc. on: 01/09/2017

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

**Report To:****ADVANCED GROW LABS****Attn: Elaine Loneragan****400 Frontage Rd****West Haven, CT 06516****Date Received: 01/09/2017****Date Tested: 01/11/2017****Laboratory Report#: N1768522-07****E-Mail: elonergan@adancedgrowlabs.com****Report Date: 01/18/2017**

<u>Sample Site:</u>	ADVANCED GROW LABS • 400 FRONTAGE RD., WEST HAVEN CT		
<u>Date Collected:</u>	01/09/2017 11:00	Collected by: C. Appell of NELabs	
<u>Laboratory ID #:</u>	<u>1768522 – 07</u>		
<u>Product Description:</u>	<u>AGL TG F4H8 170106 O</u>		

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:**

- Results are based on sample/s submitted to Northeast Laboratories, Inc. on: 01/09/2017

Approved By:

Alan C. Johnson, Laboratory Director

**Report To:****ADVANCED GROW LABS****Attn: Elaine Loneragan****400 Frontage Rd****West Haven, CT 06516****Date Received: 01/09/2017****Date Tested: 01/11/2017****Laboratory Report#: N1768522-07****E-Mail: elonergan@adancedgrowlabs.com****Report Date: 01/18/2017**

<u>Sample Site:</u>	ADVANCED GROW LABS • 400 FRONTAGE RD., WEST HAVEN CT		
<u>Date Collected:</u>	01/09/2017 11:00	Collected by: C. Appell of NELabs	
<u>Laboratory ID #:</u>	<u>1768522 – 07</u>		
<u>Product Description:</u>	AGL TG F4H8 170106 O		

CANNABINOIDS (% weight)	Result	Units
CBDV	----	% weight
CBDA	----	% weight
CBGA	0.41	% weight
CBG	2.05	% weight
CBD	----	% weight
THCV	----	% weight
CBN	----	% weight
THC	86.04	% weight
CBC	----	% weight
THCA	----	% weight

METHODS: HPLC**Comments:**

- Results are based on sample/s submitted to Northeast Laboratories, Inc. on: 01/09/2017


Approved By: Alan C. Johnson, Laboratory Director

**Report To:****ADVANCED GROW LABS****Attn: Elaine Loneragan****400 Frontage Rd****West Haven, CT 06516****Date Received: 01/09/2017****Date Tested: 01/11/2017****Laboratory Report#: N1768522-07****E-Mail: elonergan@adancedgrowlabs.com****Report Date: 01/18/2017**

<u>Sample Site:</u>	ADVANCED GROW LABS • 400 FRONTAGE RD., WEST HAVEN CT		
<u>Date Collected:</u>	01/09/2017 11:00	Collected by: C. Appell of NELabs	
<u>Laboratory ID #:</u>	<u>1768522 – 07</u>		
<u>Product Description:</u>	<u>AGL TG F4H8 170106 O</u>		

CANNABINOIDS mg per 280 mg	Result	Units
CBDV	----	mg/280 mg
CBDA	----	mg/280 mg
CBGA	1.15	mg/280 mg
CBG	5.74	mg/280 mg
CBD	----	mg/280 mg
THCV	----	mg/280 mg
CBN	----	mg/280 mg
THC	240.91	mg/280 mg
CBC	----	mg/280 mg
THCA	----	mg/280 mg

METHODS: HPLC**Comments:**

- Results are based on sample/s submitted to Northeast Laboratories, Inc. on: 01/09/2017

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

**Report To:****ADVANCED GROW LABS****Attn: Elaine Loneragan****400 Frontage Rd****West Haven, CT 06516****Date Received: 01/09/2017****Date Tested: 01/11/2017****Laboratory Report#: N1768522-07****E-Mail: elonergan@adancedgrowlabs.com****Report Date: 01/18/2017**

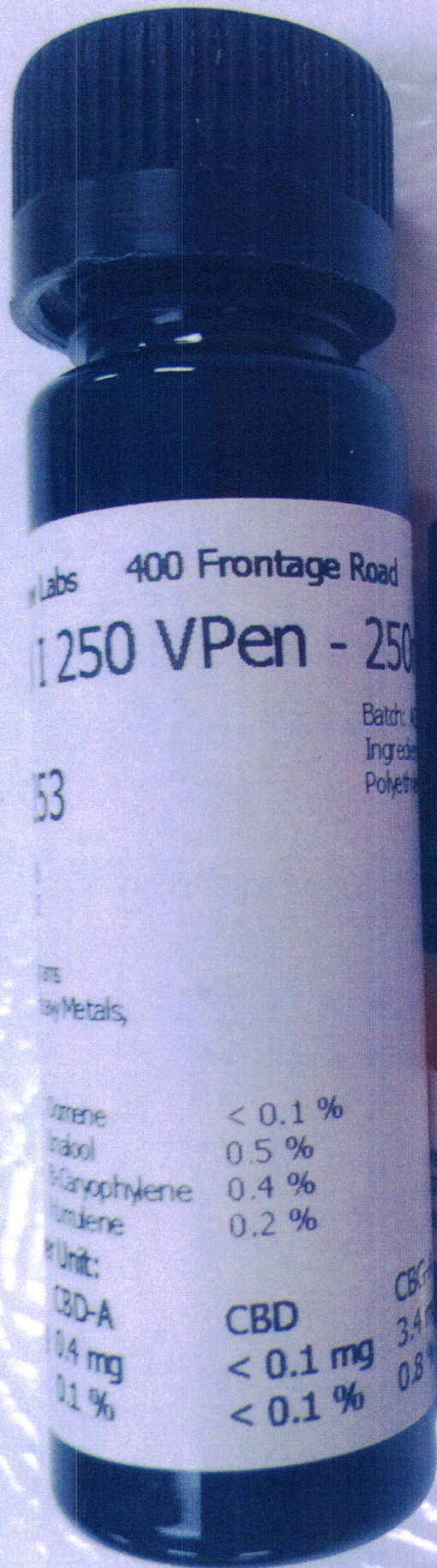
<u>Sample Site:</u>	ADVANCED GROW LABS • 400 FRONTAGE RD., WEST HAVEN CT		
<u>Date Collected:</u>	01/09/2017 11:00	Collected by: C. Appell of NELabs	
<u>Laboratory ID #:</u>	<u>1768522 – 07</u>		
<u>Product Description:</u>	AGL TG F4H8 170106 O		

<u>CANNABINOIDS</u> <u>mg per 420 mg</u>	<u>Result</u>	<u>Units</u>
CBDV	----	mg/420 mg
CBDA	----	mg/420 mg
CBGA	1.72	mg/420 mg
CBG	8.61	mg/420 mg
CBD	----	mg/420 mg
THCV	----	mg/420 mg
CBN	----	mg/420 mg
THC	361.37	mg/420 mg
CBC	----	mg/420 mg
THCA	----	mg/420 mg

METHODS: HPLC**Comments:**

- Results are based on sample/s submitted to Northeast Laboratories, Inc. on: 01/09/2017

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



Labs 400 Frontage Road

Marin L 250 VPen - 250mg/mL

Batch: K
Ingredients
Polyethylene

53

Trace
Heavy Metals,

Propylene	< 0.1 %
Glycerol	0.5 %
Polyethylene	0.4 %
Benzyl Alcohol	0.2 %

per Unit:

CBD-A
0.4 mg
0.1 %

CBD
< 0.1 mg
< 0.1 %

CBD
3.4 mg
0.8 %

Marin L 250 VPen
Expiration
for more info