

Advanced Grow Labs 400 Frontage Road West Haven, CT 06516

Sativarin I 250 VPen - 250mg

V1

NDC: 3095

Batch: AGL-CP-F2H9-170125-OP
Ingredients: Cannabis Oil, Polyethylene Glycol.

Packaging Date: 02/20/2017 Net Wt: 0.42 g
Expiration Date: 02/08/2018 0.01 oz

Contains 5.96mg (1.42%) THCv

Testing Date: 02/08/2017

Flower Equivalence: 1.0 grams

Microbiology, Mycotoxins, Heavy Metals,

Pesticides - ALL PASS

Contains Terpenes:

a-Pinene	0 %	Odorless	0 %
B-Pinene	0 %	Linalool	0.24 %
B-Myrcene	0 %	B-Caryophyllene	0.21 %
Limonene	0 %	Humulene	0.13 %

Cannabinoid Content per Unit:

THC-A	THC	CBD-A	CBD	CBG-A	CBG	CBN	CBC
1.13 mg	253.47 mg	< 0.42 mg	< 0.42 mg	< 0.42 mg	3.11 mg	1.09 mg	1.68 mg
0.27 %	60.35 %	< 0.1 %	< 0.1 %	< 0.1 %	0.74 %	0.26 %	0.40 %

Sativarin I 250 VPen V1

NDC#3095 Expiration: 2/8/18

See vial for more information

**Report To:****Report To:****ADVANCED GROW LABS****Attn: Elaine Loneragan****400 Frontage Rd****West Haven, CT 06516**Date Received: **02/07/2017**Date Tested: **02/08/2017**Laboratory Report#: **N1768875-01****E-Mail:** elonergan@adancedgrowlabs.comReport Date: **02/17/2017**

<u>Sample Site:</u>	ADVANCED GROW LABS • 400 FRONTAGE RD., WEST HAVEN CT		
<u>Date Collected:</u>	02/07/2017 11:20 AM	Collected by: C. Appell of NELabs	
<u>Laboratory ID #:</u>	<u>1768875 – 01</u>		
<u>Product Description:</u>	<u>CP-F2H9-170125-OP</u>		

TERPENES
(% Dry Weight)

	Result	Units
a-pinene	---	%
b-pirene	---	%
b-myrcene	---	%
limonene	---	%
ocimene	---	%
linalool	0.24	%
b-caryophyllene	0.21	%
humulene	0.13	%

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

- Results are based on sample/s submitted to Northeast Laboratories, Inc. on: 02/07/2017

Approved By:

Alan C. Johnson, Laboratory Director

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Sample Site:	ADVANCED GROW LABS • 400 FRONTAGE RD., WEST HAVEN CT
Date Collected:	02/07/2017 11:20 AM Collected by: C. Appell of NELabs
Laboratory ID #:	1768875 – 01
Product Description:	CP-F2H9-170125-OP

CANNABINOIDS (% weight)	Result	Units
CBDV	<0.1	% weight
CBDA	<0.1	% weight
CBGA	<0.1	% weight
CBG	0.74	% weight
CBD	<0.1	% weight
THCV	1.42	% weight
CBN	0.26	% weight
THC	60.35	% weight
CBC	0.40	% weight
THCA	0.27	% weight

METHODS: HPLC**Comments:**

- Results are based on sample/s submitted to Northeast Laboratories, Inc. on: 02/07/2017

Approved By:

Alan C. Johnson, Laboratory Director

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Sample Site:	ADVANCED GROW LABS • 400 FRONTAGE RD., WEST HAVEN CT
Date Collected:	02/07/2017 11:20 AM Collected by: C. Appell of NELabs
Laboratory ID #:	1768875 – 01
Product Description:	CP-F2H9-170125-OP

CANNABINOIDS (mg per 280mg)	Result	Units
CBDV	<0.28	mg per 280mg
CBDA	<0.28	mg per 280mg
CBGA	<0.28	mg per 280mg
CBG	2.07	mg per 280mg
CBD	<0.28	mg per 280mg
THCV	3.98	mg per 280mg
CBN	0.73	mg per 280mg
THC	168.98	mg per 280mg
CBC	1.12	mg per 280mg
THCA	0.76	mg per 280mg

METHODS: HPLC**Comments:**

- Results are based on sample/s submitted to Northeast Laboratories, Inc. on: 02/07/2017

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

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<u>Date Collected:</u>	02/07/2017 11:20 AM Collected by: C. Appell of NELabs
<u>Laboratory ID #:</u>	<u>1768875 – 01</u>
<u>Product Description:</u>	<u>CP-F2H9-170125-OP</u>

CANNABINOIDS (mg per 420mg)	Result	Units
CBDV	<0.42	mg per 420mg
CBDA	<0.42	mg per 420mg
CBGA	<0.42	mg per 420mg
CBG	3.11	mg per 420mg
CBD	<0.42	mg per 420mg
THCV	5.96	mg per 420mg
CBN	1.09	mg per 420mg
THC	253.47	mg per 420mg
CBC	1.68	mg per 420mg
THCA	1.13	mg per 420mg

METHODS: HPLC**Comments:**

- Results are based on sample/s submitted to Northeast Laboratories, Inc. on: 02/07/2017

Approved By:

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<u>Laboratory ID #:</u>	<u>1768875 – 01</u>		
<u>Product Description:</u>	<u>CP-F2H9-170125-OP</u>		

CANNABINOIDS (mg per 530mg)	Result	Units
CBDV	<0.53	mg per 530mg
CBDA	<0.53	mg per 530mg
CBGA	<0.53	mg per 530mg
CBG	3.92	mg per 530mg
CBD	<0.53	mg per 530mg
THCV	7.53	mg per 530mg
CBN	1.38	mg per 530mg
THC	319.86	mg per 530mg
CBC	2.12	mg per 530mg
THCA	1.43	mg per 530mg

METHODS: HPLC**Comments:**

- Results are based on sample/s submitted to Northeast Laboratories, Inc. on: 02/07/2017


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

**Report To:****ADVANCED GROW LABS****Attn: Elaine Loneragan****400 Frontage Rd****West Haven, CT 06516**Date Received: **01/26/2017**Date Tested: **01/26/2017**Laboratory Report#: **N1768741-03****E-Mail:** elonergan@adancedgrowlabs.com

Report Date:

<u>Sample Site:</u>	ADVANCED GROW LABS • 400 FRONTAGE RD., WEST HAVEN CT		
<u>Date Collected:</u>	01/26/2017 11:00 AM	Collected by: C. Appell of NELabs	
<u>Laboratory ID #:</u>	<u>1768741 - 03</u>		
<u>Product Description:</u>	<u>CP-F2H9-170125-O</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: 01/26/2017

Approved By:

Alan C. Johnson, Laboratory Director

**Report To:****ADVANCED GROW LABS****Attn: Elaine Lonergan****400 Frontage Rd****West Haven, CT 06516**Date Received: **01/26/2017**Date Tested: **01/30-31/2017**Laboratory Report#: **N1768741-03****E-Mail: elonergan@adancedgrowlabs.com**

Report Date:

<u>Sample Site:</u>	ADVANCED GROW LABS • 400 FRONTAGE RD., WEST HAVEN CT		
<u>Date Collected:</u>	01/26/2017 11:00 AM	Collected by: C. Appell of NELabs	
<u>Laboratory ID #:</u>	1768741 - 03		
<u>Product Description:</u>	CP-F2H9-170125-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: 01/26/2017

Approved By:

Alan C. Johnson, Laboratory Director

**Report To:****ADVANCED GROW LABS****Attn: Elaine Loneragan****400 Frontage Rd****West Haven, CT 06516**Date Received: **01/26/2017**Date Tested: **01/27/2017**Laboratory Report#: **N1768741-03****E-Mail:** elonergan@adancedgrowlabs.com

Report Date:

<u>Sample Site:</u>	ADVANCED GROW LABS • 400 FRONTAGE RD., WEST HAVEN CT		
<u>Date Collected:</u>	01/26/2017 11:00 AM	Collected by: C. Appell of NELabs	
<u>Laboratory ID #:</u>	<u>1768741 - 03</u>		
<u>Product Description:</u>	<u>CP-F2H9-170125-O</u>		

TERPENES (% Dry Weight)	Result	Units
a-pinene	---	%
b-pirene	---	%
b-myrcene	---	%
limonene	---	%
ocimene	---	%
linalool	0.45	%
b-caryophyllene	0.35	%
humulene	0.21	%

Residual Alcohol	0.08	%
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METHODS: GC, GC/MS**Comments:**

- Results are based on sample/s submitted to Northeast Laboratories, Inc. on: 01/26/2017

Approved By:

Alan C. Johnson, Laboratory Director

**Report To:****ADVANCED GROW LABS****Attn: Elaine Lonergan****400 Frontage Rd****West Haven, CT 06516**Date Received: **01/26/2017**Date Tested: **01/31/2017**Laboratory Report#: **N1768741-03****E-Mail:** elonergan@adancedgrowlabs.com

Report Date:

Sample Site:	ADVANCED GROW LABS • 400 FRONTAGE RD., WEST HAVEN CT
Date Collected:	01/26/2017 11:00 AM Collected by: C. Appell of NELabs
Laboratory ID #:	1768741 - 03
Product Description:	CP-F2H9-170125-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
Chloromequat Chloride	<0.01	mg/kg	PASS	30
Cyfluthrin	<0.01	mg/kg	PASS	12
Daminozide	<0.01	mg/kg	PASS	270
Etoazole	<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: 01/26/2017

Approved By:

Alan C. Johnson, Laboratory Director

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<u>Laboratory ID #:</u>	<u>1768741 - 03</u>		
<u>Product Description:</u>	<u>CP-F2H9-170125-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:**

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<u>Date Collected:</u>	01/26/2017 11:00 AM	Collected by: C. Appell of NELabs	
<u>Laboratory ID #:</u>	<u>1768741 - 03</u>		
<u>Product Description:</u>	<u>CP-F2H9-170125-O</u>		

CANNABINOIDS (% weight)	Result	Units
CBDV	<0.1	% weight
CBDA	<0.1	% weight
CBGA	<0.1	% weight
CBG	1.03	% weight
CBD	<0.1	% weight
THCV	1.97	% weight
CBN	<0.1	% weight
THC	84.03	% weight
CBC	<0.1	% weight
THCA	<0.1	% weight

METHODS: HPLC**Comments:**

- Results are based on sample/s submitted to Northeast Laboratories, Inc. on: 01/26/2017

Approved By:

Alan C. Johnson, Laboratory Director

**Report To:**

ADVANCED GROW LABS

Attn: Elaine Lonergan

400 Frontage Rd

West Haven, CT 06516

Date Received: **01/26/2017**Date Tested: **01/31/2017**Laboratory Report#: **N1768741-03****E-Mail:** elonergan@adancedgrowlabs.com

Report Date:

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Date Collected:	01/26/2017 11:00 AM Collected by: C. Appell of NELabs
Laboratory ID #:	<u>1768741 - 03</u>
Product Description:	<u>CP-F2H9-170125-O</u>

<u>CANNABINOIDS</u> <u>mg per 280 mg</u>	<u>Result</u>	<u>Units</u>
CBDV	<0.28	mg/280 mg
CBDA	<0.28	mg/280 mg
CBGA	<0.28	mg/280 mg
CBG	2.88	mg/280 mg
CBD	<0.28	mg/280 mg
THCV	5.52	mg/280 mg
CBN	<0.28	mg/280 mg
THC	235.28	mg/280 mg
CBC	<0.28	mg/280 mg
THCA	<0.28	mg/280 mg

METHODS: HPLCComments:

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Alan C. Johnson, Laboratory Director

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Attn: Elaine Lonergan

400 Frontage Rd

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Date Received: 01/26/2017

Date Tested: 01/31/2017

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<u>Laboratory ID #:</u>	1768741 - 03
<u>Product Description:</u>	CP-F2H9-170125-O

<u>CANNABINOIDS</u> <u>mg per 420 mg</u>	<u>Result</u>	<u>Units</u>
CBDV	<0.42	mg/420 mg
CBDA	<0.42	mg/420 mg
CBGA	<0.42	mg/420 mg
CBG	4.33	mg/420 mg
CBD	<0.42	mg/420 mg
THCV	8.27	mg/420 mg
CBN	<0.42	mg/420 mg
THC	352.93	mg/420 mg
CBC	<0.42	mg/420 mg
THCA	<0.42	mg/420 mg

METHODS: HPLC**Comments:**

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Product Description:	CP-F2H9-170125-O

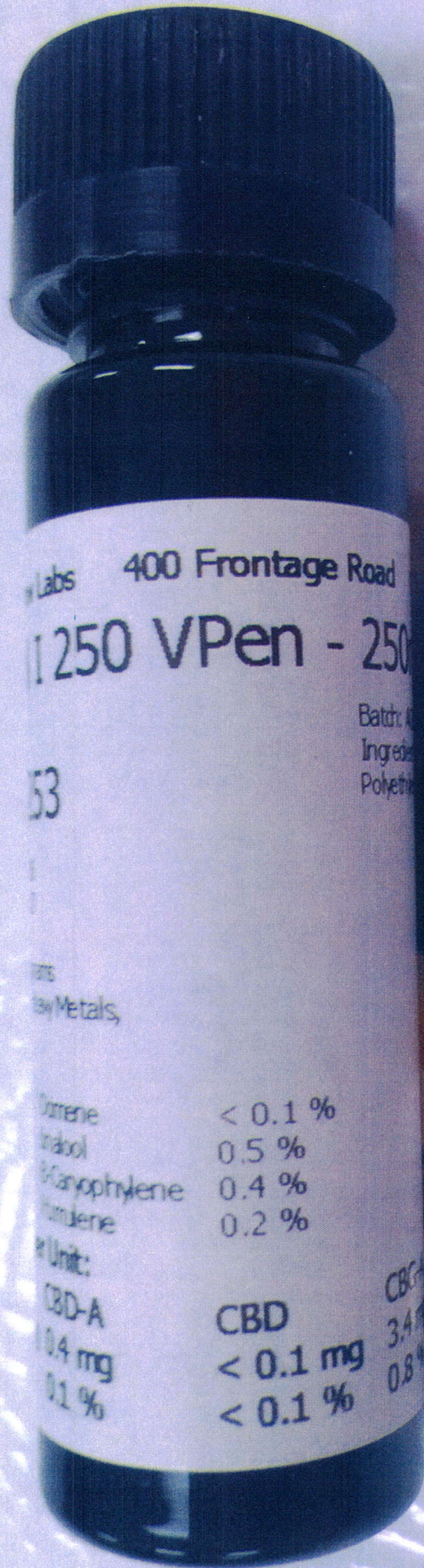
<u>CANNABINOIDS</u> <u>mg per 530 mg</u>	<u>Result</u>	<u>Units</u>
CBDV	<0.53	mg/530 mg
CBDA	<0.53	mg/530 mg
CBGA	<0.53	mg/530 mg
CBG	5.46	mg/530 mg
CBD	<0.53	mg/530 mg
THCV	10.44	mg/530 mg
CBN	<0.53	mg/530 mg
THC	445.36	mg/530 mg
CBC	<0.53	mg/530 mg
THCA	<0.53	mg/530 mg

METHODS: HPLC**Comments:**

- Results are based on sample/s submitted to Northeast Laboratories, Inc. on: 01/26/2017

Approved By:

Alan C. Johnson, Laboratory Director



400 Frontage Road

Marin L 250 VPen - 250

Batch:
Ingredients:
Polyethylene

53

Terpineol
Heavy Metals,

Terpineol	< 0.1 %
Linalool	0.5 %
Beta-Caryophyllene	0.4 %
Limonene	0.2 %

Per Unit:

CBD-A
0.4 mg
0.1 %

CBD
< 0.1 mg
< 0.1 %



Marin L 250 VPen
786 Expiration
for more info

CBD-A
3.4 mg
0.8 %