

Advanced Grow Labs 400 Frontage Road West Haven, CT 06516

Sativarin I Pure VPen
230
NDC: 3183

Batch: AGL-CP-F1H10-170405-O
Ingredients: Cannabis Oil

Packaging Date: 05/08/2017 Net Wt: 0.28 g
Expiration Date: 04/07/2018 0.01 oz
Testing Date: 04/07/2017

Flower Equivalence: 0.9 grams
Microbiology, Mycotoxins, Heavy Metals,
Pesticides - ALL PASS

Contains Terpenes:

α -Pinene	< 0.01 %	Odorless	< 0.01 %
B-Pinene	< 0.01 %	Linalool	0.78 %
B-Myrcene	0.42 %	B-Caryophyllene	0.87 %
Limonene	0.08 %	Humulene	0.50 %

Cannabinoid Content per Unit:

THC-A	THC	CBD-A	CBD	CBG-A	CBG	CBN	CBC
< 0.28 mg	227.58 mg	< 0.28 mg	< 0.28 mg	< 0.28 mg	2.74 mg	0.78 mg	1.93 mg
< 0.1 %	81.28 %	< 0.1 %	< 0.1 %	< 0.1 %	0.98 %	0.28 %	0.69 %

Sativarin I Pure VPen 230

NDC: 3183 Expiration: 4/7/18

See packaging for more info

**Report To:****ADVANCED GROW LABS****Attn: Elaine Lonergan****400 Frontage Rd****West Haven, CT 06516**Date Received: **4/07/2017**Date Tested: **4/07/2017**Laboratory Report#: **N1769587-01****E-Mail:** elonergan@advancedgrowlabs.comReport Date: **04/21/2017**

Sample Site:	ADVANCED GROW LABS • 400 FRONTAGE RD., WEST HAVEN CT
Date Collected:	04/07/2017 10:30 AM Collected by: C. Appell of NELabs
Laboratory ID #:	1769587 – 01
Product Description:	CP-F1H10-170405-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: 04/07/2017

Approved By:

Alan C. Johnson, Laboratory Director

**Report To:****ADVANCED GROW LABS****Attn: Elaine Lonergan****400 Frontage Rd****West Haven, CT 06516****Date Received: 4/07/2017****Date Tested: 4/20 – 4/21 2017****Laboratory Report#: N1769587-01****E-Mail: elonergan@advancedgrowlabs.com****Report Date: 04/21/2017**

<u>Sample Site:</u>	ADVANCED GROW LABS • 400 FRONTAGE RD., WEST HAVEN CT		
<u>Date Collected:</u>	04/07/2017 10:30 AM	Collected by: C. Appell of NELabs	
<u>Laboratory ID #:</u>	<u>1769587 – 01</u>		
<u>Product Description:</u>	<u>CP-F1H10-170405-O</u>		

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: 04/07/2017

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

**Report To:****ADVANCED GROW LABS****Attn: Elaine Loneragan****400 Frontage Rd****West Haven, CT 06516**Date Received: **4/07/2017**Date Tested: **4/11 & 4/17 2017**Laboratory Report#: **N1769587-01****E-Mail:** elonergan@advancedgrowlabs.comReport Date: **04/21/2017**

<u>Sample Site:</u>	ADVANCED GROW LABS • 400 FRONTAGE RD., WEST HAVEN CT		
<u>Date Collected:</u>	04/07/2017 10:30 AM	Collected by: C. Appell of NELabs	
<u>Laboratory ID #:</u>	<u>1769587 – 01</u>		
<u>Product Description:</u>	<u>CP-F1H10-170405-O</u>		

TERPENES (% Dry Weight)	Result	Units
a-pinene	<0.01	%
b-pirene	<0.01	%
b-myrcene	0.42	%
limonene	0.08	%
ocimene	<0.01	%
linalool	0.78	%
b-caryophyllene	0.87	%
humulene	0.50	%

Residual Alcohol	0.11	%
------------------	------	---

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

- Results are based on sample/s submitted to Northeast Laboratories, Inc. on: 04/07/2017

Approved By:

Alan C. Johnson, Laboratory Director

**Report To:****ADVANCED GROW LABS****Attn: Elaine Loneragan****400 Frontage Rd****West Haven, CT 06516**Date Received: **4/07/2017**Date Tested: **4/12/2017**Laboratory Report#: **N1769587-01****E-Mail:** elonergan@advancedgrowlabs.comReport Date: **04/21/2017**

<u>Sample Site:</u>	ADVANCED GROW LABS • 400 FRONTAGE RD., WEST HAVEN CT		
<u>Date Collected:</u>	04/07/2017 10:30 AM	Collected by: C. Appell of NELabs	
<u>Laboratory ID #:</u>	<u>1769587 – 01</u>		
<u>Product Description:</u>	<u>CP-F1H10-170405-O</u>		

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: 04/07/2017

Approved By:

Alan C. Johnson, Laboratory Director

**Report To:**

ADVANCED GROW LABS

Attn: Elaine Lonergan

400 Frontage Rd

West Haven, CT 06516

Date Received: 4/07/2017

Date Tested: 4/12/2017

Laboratory Report#: N1769587-01

E-Mail: elonergan@advancedgrowlabs.com

Report Date: 04/21/2017

Sample Site:	ADVANCED GROW LABS • 400 FRONTAGE RD., WEST HAVEN CT
Date Collected:	04/07/2017 10:30 AM Collected by: C. Appell of NELabs
Laboratory ID #:	1769587 – 01
Product Description:	CP-F1H10-170405-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:**

- Results are based on sample/s submitted to Northeast Laboratories, Inc. on: 04/07/2017

Approved By:

Alan C. Johnson, Laboratory Director

**Report To:**

ADVANCED GROW LABS

Attn: Elaine Loneragan

400 Frontage Rd

West Haven, CT 06516

Date Received: **4/07/2017**Date Tested: **4/11/2017**Laboratory Report#: **N1769587-01****E-Mail:** elonergan@advancedgrowlabs.comReport Date: **04/21/2017**

Sample Site:	ADVANCED GROW LABS • 400 FRONTAGE RD., WEST HAVEN CT
Date Collected:	04/07/2017 10:30 AM Collected by: C. Appell of NELabs
Laboratory ID #:	1769587 – 01
Product Description:	CP-F1H10-170405-O

<u>CANNABINOIDS (% weight)</u>	<u>Result</u>	<u>Units</u>
CBDA	<0.1	% weight
CBGA	<0.1	% weight
CBG	0.98	% weight
CBD	<0.1	% weight
CBN	0.28	% weight
THC	81.28	% weight
CBC	0.69	% weight
THCA	<0.1	% weight

METHODS: HPLC**Comments:**

- Results are based on sample/s submitted to Northeast Laboratories, Inc. on: 04/07/2017


Approved By: Alan C. Johnson, Laboratory Director

**Report To:****ADVANCED GROW LABS****Attn: Elaine Loneragan****400 Frontage Rd****West Haven, CT 06516**Date Received: **4/07/2017**Date Tested: **4/11/2017**Laboratory Report#: **N1769587-01****E-Mail:** elonergan@advancedgrowlabs.comReport Date: **04/21/2017**

Sample Site:	ADVANCED GROW LABS • 400 FRONTAGE RD., WEST HAVEN CT
Date Collected:	04/07/2017 10:30 AM Collected by: C. Appell of NELabs
Laboratory ID #:	1769587 – 01
Product Description:	CP-F1H10-170405-O

CANNABINOIDS (mg per 280 mg)	Result	Units
CBDA	<0.28	mg per 280mg
CBGA	<0.28	mg per 280mg
CBG	2.74	mg per 280mg
CBD	<0.28	mg per 280mg
CBN	0.78	mg per 280mg
THC	227.58	mg per 280mg
CBC	1.93	mg per 280mg
THCA	<0.28	mg per 280mg

METHODS: HPLC**Comments:**

- Results are based on sample/s submitted to Northeast Laboratories, Inc. on: 04/07/2017

Approved By:

Alan C. Johnson, Laboratory Director

**Report To:****ADVANCED GROW LABS****Attn: Elaine Loneragan****400 Frontage Rd****West Haven, CT 06516**Date Received: **4/07/2017**Date Tested: **4/11/2017**Laboratory Report#: **N1769587-01****E-Mail:** elonergan@advancedgrowlabs.comReport Date: **04/21/2017**

Sample Site:	ADVANCED GROW LABS • 400 FRONTAGE RD., WEST HAVEN CT
Date Collected:	04/07/2017 10:30 AM Collected by: C. Appell of NELabs
Laboratory ID #:	1769587 – 01
Product Description:	CP-F1H10-170405-O

CANNABINOIDS (mg per 420 mg)	Result	Units
CBDA	<0.42	mg per 420mg
CBGA	<0.42	mg per 420mg
CBG	4.12	mg per 420mg
CBD	<0.42	mg per 420mg
CBN	1.18	mg per 420mg
THC	341.38	mg per 420mg
CBC	2.90	mg per 420mg
THCA	<0.42	mg per 420mg

METHODS: HPLC**Comments:**

- Results are based on sample/s submitted to Northeast Laboratories, Inc. on: 04/07/2017


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

**Report To:****ADVANCED GROW LABS****Attn: Elaine Loneragan****400 Frontage Rd****West Haven, CT 06516**Date Received: **4/07/2017**Date Tested: **4/11/2017**Laboratory Report#: **N1769587-01****E-Mail:** elonergan@advancedgrowlabs.comReport Date: **04/21/2017**

<u>Sample Site:</u>	ADVANCED GROW LABS • 400 FRONTAGE RD., WEST HAVEN CT		
<u>Date Collected:</u>	04/07/2017 10:30 AM	Collected by: C. Appell of NELabs	
<u>Laboratory ID #:</u>	<u>1769587 – 01</u>		
<u>Product Description:</u>	<u>CP-F1H10-170405-O</u>		

CANNABINOIDS (mg per 530 mg)	Result	Units
CBDA	<0.53	mg per 530mg
CBGA	<0.53	mg per 530mg
CBG	5.19	mg per 530mg
CBD	<0.53	mg per 530mg
CBN	1.48	mg per 530mg
THC	430.78	mg per 530mg
CBC	3.66	mg per 530mg
THCA	<0.53	mg per 530mg

METHODS: HPLC**Comments:**

- Results are based on sample/s submitted to Northeast Laboratories, Inc. on: 04/07/2017


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

Cannabidiol
Sublingual
DC#2257 Ex
See vial for

400 Frontage Road West Han
VPen - 250mg
Batch: AGL-FP-16000
Ingredients: Vapor
Polyethylene Glycol

< 0.1 %
0.5 %
0.4 %
0.2 %

CBD CBG-A
< 0.1 mg 3.4 mg
< 0.1 % 0.8 %