

Advanced Grow Labs 400 Frontage Road West Haven, CT 06516

Sativarin P VPen

330

NDC: 3736

Batch: AGL-CPN-F1H11-170802-OP
Ingredients: Cannabis Oil, Polyethylene Glycol.

Packaging Date: 09/18/2017 Net Wt: 0.51 g
Expiration Date: 08/28/2018 0.02 oz

Testing Date: 08/28/2017

Flower Equivalence: 1.32 grams

Microbiology, Mycotoxins, Heavy Metals,

Pesticides - ALL PASS

Contains Terpenes:

α -Pinene	< 0.01 %	Odorless	< 0.01 %
B-Pinene	< 0.01 %	Linalool	0.11 %
B-Myrcene	< 0.01 %	B-Caryophyllene	0.01 %
Limonene	0.01 %	Humulene	0.31 %

Cannabinoid Content per Unit:

THC-A	THC	CBD-A	CBD	CBG-A	CBG	CBN	CBC
< 0.52 mg	327.10 mg	< 0.52 mg	< 0.52 mg	4.49 mg	< 0.52 mg	< 0.52 mg	2.99 mg
< 0.1 %	63.41 %	< 0.1 %	< 0.1 %	0.87 %	< 0.1 %	< 0.1 %	0.58 %

Sativarin P VPen 330

NDC: 3736 Expiration: 8/28/18

See packaging for more info

**Report To:**

ADVANCED GROW LABS

Attn: Elaine Loneragan

400 Frontage Rd

West Haven, CT 06516

Date Received: **08/24/2017**Date Tested: **08/28/2017**Laboratory Report#: **N1771301-01**E-Mail: elonergan@adancedgrowlabs.comReport Date: **08/31/2017**

<u>Sample Site:</u>	ADVANCED GROW LABS • 400 FRONTAGE RD., WEST HAVEN CT
<u>Date Collected:</u>	08/24/2017 11:03 AM Collected by: W. Clark of NELabs
<u>Laboratory ID #:</u>	<u>1771301 – 01</u>
<u>Product Description:</u>	CPN-F1H11-170802-OP

TERPENES (% Dry Weight)	Result	Units
a-pinene	<0.01	%
b-pirene	<0.01	%
b-myrcene	<0.01	%
limonene	0.01	%
ocimene	<0.01	%
linalool	0.11	%
b-caryophyllene	0.01	%
humulene	0.31	%

METHODS: GC, GC/MSComments:

- Results are based on sample/s submitted to Northeast Laboratories, Inc. on: 08/24/2017

Approved By:

Alan C. Johnson, Laboratory Director

**Report To:****ADVANCED GROW LABS****Attn: Elaine Loneragan****400 Frontage Rd****West Haven, CT 06516****Date Received: 08/24/2017****Date Tested: 08/24/2017****Laboratory Report#: N1771301-01****E-Mail: elonergan@adancedgrowlabs.com****Report Date: 08/31/2017**

<u>Sample Site:</u>	ADVANCED GROW LABS • 400 FRONTAGE RD., WEST HAVEN CT		
<u>Date Collected:</u>	08/24/2017 11:03 AM	Collected by: W. Clark of NELabs	
<u>Laboratory ID #:</u>	<u>1771301 – 01</u>		
<u>Product Description:</u>	CPN-F1H11-170802-OP		

<u>CANNABINOIDS (% weight)</u>	<u>Result</u>	<u>Units</u>
CBDA	<0.1	% weight
CBGA	0.87	% weight
CBG	<0.1	% weight
CBD	<0.1	% weight
CBN	<0.1	% weight
THC	63.41	% weight
CBC	0.58	% weight
THCA	<0.1	% weight

METHODS: HPLC**Comments:**

- Results are based on sample/s submitted to Northeast Laboratories, Inc. on: 08/24/2017


Approved By: Alan C. Johnson, Laboratory Director

**Report To:****ADVANCED GROW LABS****Attn: Elaine Loneragan****400 Frontage Rd****West Haven, CT 06516****Date Received: 08/24/2017****Date Tested: 08/24/2017****Laboratory Report#: N1771301-01****E-Mail: elonergan@adancedgrowlabs.com****Report Date: 08/31/2017**

<u>Sample Site:</u>	ADVANCED GROW LABS • 400 FRONTAGE RD., WEST HAVEN CT
<u>Date Collected:</u>	08/24/2017 11:03 AM Collected by: W. Clark of NELabs
<u>Laboratory ID #:</u>	<u>1771301 – 01</u>
<u>Product Description:</u>	<u>CPN-F1H11-170802-OP</u>

<u>CANNABINOIDS (per 380 mg)</u>	<u>Result</u>	<u>Units</u>
CBDA	<0.38	per 380mg
CBGA	3.31	per 380mg
CBG	<0.38	per 380mg
CBD	<0.38	per 380mg
CBN	<0.38	per 380mg
THC	240.96	per 380mg
CBC	2.20	per 380mg
THCA	<0.38	per 380mg

METHODS: HPLC**Comments:**

- Results are based on sample/s submitted to Northeast Laboratories, Inc. on: 08/24/2017

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

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<u>Date Collected:</u>	08/24/2017 11:03 AM Collected by: W. Clark of NELabs
<u>Laboratory ID #:</u>	<u>1771301 – 01</u>
<u>Product Description:</u>	CPN-F1H11-170802-OP

CANNABINOIDS (per 470 mg)		Result	Units
	CBDA	<0.47	per 470mg
	CBGA	4.09	per 470mg
	CBG	<0.47	per 470mg
	CBD	<0.47	per 470mg
	CBN	<0.47	per 470mg
	THC	298.03	per 470mg
	CBC	2.73	per 470mg
	THCA	<0.47	per 470mg

METHODS: HPLC**Comments:**

- Results are based on sample/s submitted to Northeast Laboratories, Inc. on: 08/24/2017


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Alan C. Johnson, Laboratory Director

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<u>Sample Site:</u>	ADVANCED GROW LABS • 400 FRONTAGE RD., WEST HAVEN CT
<u>Date Collected:</u>	08/24/2017 11:03 AM Collected by: W. Clark of NELabs
<u>Laboratory ID #:</u>	<u>1771301 – 01</u>
<u>Product Description:</u>	<u>CPN-F1H11-170802-OP</u>

<u>CANNABINOIDS (per 516 mg)</u>	<u>Result</u>	<u>Units</u>
CBDA	<0.52	per 516mg
CBGA	4.49	per 516mg
CBG	<0.52	per 516mg
CBD	<0.52	per 516mg
CBN	<0.52	per 516mg
THC	327.10	per 516mg
CBC	2.99	per 516mg
THCA	<0.52	per 516mg

METHODS: HPLC**Comments:**

- Results are based on sample/s submitted to Northeast Laboratories, Inc. on: 08/24/2017


Approved By: Alan C. Johnson, Laboratory Director

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<u>Date Collected:</u>	08/24/2017 11:03 AM	Collected by: W. Clark of NELabs	
<u>Laboratory ID #:</u>	<u>1771301 – 01</u>		
<u>Product Description:</u>	CPN-F1H11-170802-OP		

<u>CANNABINOIDS (per 1000 mg)</u>	<u>Result</u>	<u>Units</u>
CBDA	<1.00	per 1000mg
CBGA	8.70	per 1000mg
CBG	<1.00	per 1000mg
CBD	<1.00	per 1000mg
CBN	<1.00	per 1000mg
THC	634.10	per 1000mg
CBC	5.80	per 1000mg
THCA	<1.00	per 1000mg

METHODS: HPLC**Comments:**

- Results are based on sample/s submitted to Northeast Laboratories, Inc. on: 08/24/2017


Approved By:
Alan C. Johnson, Laboratory Director

**Report To:****ADVANCED GROW LABS****Attn: Elaine Lonergan****400 Frontage Rd****West Haven, CT 06516**Date Received: **8/03/2017**Date Tested: **8/04/2017**Laboratory Report#: **N1771026-01**E-Mail: elonergan@advancedgrowlabs.comReport Date: **08/11/2017**

<u>Sample Site:</u>	ADVANCED GROW LABS • 400 FRONTAGE RD., WEST HAVEN CT		
<u>Date Collected:</u>	08/03/2017 11:07 AM	Collected by: W. Clark of NELabs	
<u>Laboratory ID #:</u>	<u>1771026 – 01</u>		
<u>Product Description:</u>	CPN-F1H11-170802-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: 08/03/2017

Approved By:

Alan C. Johnson, Laboratory Director

**Report To:****ADVANCED GROW LABS****Attn: Elaine Loneragan****400 Frontage Rd****West Haven, CT 06516****Date Received: 8/03/2017****Date Tested: 8/09 – 8/10 2017****Laboratory Report#: N1771026-01****E-Mail: elonergan@advancedgrowlabs.com****Report Date: 08/11/2017**

<u>Sample Site:</u>	ADVANCED GROW LABS • 400 FRONTAGE RD., WEST HAVEN CT		
<u>Date Collected:</u>	08/03/2017 11:07 AM	Collected by: W. Clark of NELabs	
<u>Laboratory ID #:</u>	<u>1771026 – 01</u>		
<u>Product Description:</u>	CPN-F1H11-170802-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: 08/03/2017

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

**Report To:****ADVANCED GROW LABS****Attn: Elaine Loneragan****400 Frontage Rd****West Haven, CT 06516**Date Received: **8/03/2017**Date Tested: **8/04 & 8/07 2017**Laboratory Report#: **N1771026-01**E-Mail: elonergan@advancedgrowlabs.comReport Date: **08/11/2017**

<u>Sample Site:</u>	ADVANCED GROW LABS • 400 FRONTAGE RD., WEST HAVEN CT
<u>Date Collected:</u>	08/03/2017 11:07 AM Collected by: W. Clark of NELabs
<u>Laboratory ID #:</u>	<u>1771026 – 01</u>
<u>Product Description:</u>	CPN-F1H11-170802-O

TERPENES
(% Dry Weight)

	Result	Units
a-pinene	0.02	%
b-pirene	<0.01	%
b-myrcene	0.10	%
limonene	0.22	%
ocimene	<0.01	%
linalool	0.81	%
b-caryophyllene	2.47	%
humulene	0.14	%

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: 08/03/2017

Approved By:

Alan C. Johnson, Laboratory Director

**Report To:****ADVANCED GROW LABS****Attn: Elaine Lonergan****400 Frontage Rd****West Haven, CT 06516****Date Received: 8/03/2017****Date Tested: 8/10/2017****Laboratory Report#: N1771026-01****E-Mail: elonergan@advancedgrowlabs.com****Report Date: 08/11/2017**

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<u>Date Collected:</u>	08/03/2017 11:07 AM	Collected by: W. Clark of NELabs	
<u>Laboratory ID #:</u>	<u>1771026 – 01</u>		
<u>Product Description:</u>	CPN-F1H11-170802-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:**

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<u>Sample Site:</u>	ADVANCED GROW LABS • 400 FRONTAGE RD., WEST HAVEN CT
<u>Date Collected:</u>	08/03/2017 11:07 AM Collected by: W. Clark of NELabs
<u>Laboratory ID #:</u>	<u>1771026 – 01</u>
<u>Product Description:</u>	CPN-F1H11-170802-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: 08/03/2017

Approved By:

Alan C. Johnson, Laboratory Director

**Report To:****ADVANCED GROW LABS****Attn: Elaine Lonergan****400 Frontage Rd****West Haven, CT 06516****Date Received: 8/03/2017****Date Tested: 8/04/2017****Laboratory Report#: N1771026-01****E-Mail: elonergan@advancedgrowlabs.com****Report Date: 08/11/2017**

<u>Sample Site:</u>	ADVANCED GROW LABS • 400 FRONTAGE RD., WEST HAVEN CT
<u>Date Collected:</u>	08/03/2017 11:07 AM Collected by: W. Clark of NELabs
<u>Laboratory ID #:</u>	<u>1771026 – 01</u>
<u>Product Description:</u>	CPN-F1H11-170802-O

CANNABINOIDS (% weight)	Result	Units
CBDA	<0.1	% weight
CBGA	<0.1	% weight
CBG	1.02	% weight
CBD	<0.1	% weight
CBN	<0.1	% weight
THC	83.08	% weight
CBC	<0.1	% weight
THCA	<0.1	% weight

METHODS: HPLC**Comments:**

- Results are based on sample/s submitted to Northeast Laboratories, Inc. on: 08/03/2017


Approved By: Alan C. Johnson, Laboratory Director

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<u>Laboratory ID #:</u>	<u>1771026 – 01</u>		
<u>Product Description:</u>	CPN-F1H11-170802-O		

CANNABINOIDS (mg per 380 mg)	Result	Units
CBDA	<0.38	mg per 380mg
CBGA	<0.38	mg per 380mg
CBG	3.88	mg per 380mg
CBD	<0.38	mg per 380mg
CBN	<0.38	mg per 380mg
THC	315.70	mg per 380mg
CBC	<0.38	mg per 380mg
THCA	<0.38	mg per 380mg

METHODS: HPLC**Comments:**

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Laboratory ID #:	1771026 – 01
Product Description:	CPN-F1H11-170802-O

<u>CANNABINOIDS (mg per 470 mg)</u>	<u>Result</u>	<u>Units</u>
CBDA	<0.47	mg per 470mg
CBGA	<0.47	mg per 470mg
CBG	4.79	mg per 470mg
CBD	<0.47	mg per 470mg
CBN	<0.47	mg per 470mg
THC	390.48	mg per 470mg
CBC	<0.47	mg per 470mg
THCA	<0.47	mg per 470mg

METHODS: HPLC**Comments:**

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Approved By: Alan C. Johnson, Laboratory Director

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<u>Date Collected:</u>	08/03/2017 11:07 AM	Collected by: W. Clark of NELabs	
<u>Laboratory ID #:</u>	<u>1771026 – 01</u>		
<u>Product Description:</u>	CT-F1H11-170802-O		

CANNABINOIDS (mg per 1,000 mg)	Result	Units
CBDA	<1.00	mg per 1000mg
CBGA	<1.00	mg per 1000mg
CBG	10.20	mg per 1000mg
CBD	<1.00	mg per 1000mg
CBN	<1.00	mg per 1000mg
THC	830.80	mg per 1000mg
CBC	<1.00	mg per 1000mg
THCA	<1.00	mg per 1000mg

METHODS: HPLC**Comments:**

- Results are based on sample/s submitted to Northeast Laboratories, Inc. on: 08/03/2017


Approved By: Alan C. Johnson, Laboratory Director

3.4
0.8

arin L 250 VP
786 Expiration
for more info