

Advanced Grow Labs 400 Frontage Road West Haven, CT 06516

Sativarin K Pure VPen

375

NDC: 3694

Batch: AGL-CT-F1H11-170724-O
Ingredients: Cannabis Oil

Packaging Date: 08/10/2017 Net Wt: 0.47 g
Expiration Date: 07/26/2018 0.01 oz
Testing Date: 07/26/2017

Flower Equivalence: 1.5 grams
Microbiology, Mycotoxins, Heavy Metals,
Pesticides - ALL PASS

Contains Terpenes:

a-Pinene	< 0.01 %	Odorless	< 0.01 %
B-Pinene	< 0.01 %	Linalool	0.30 %
B-Myrcene	0.17 %	B-Caryophyllene	2.74 %
Limonene	0.32 %	Humulene	0.70 %

Cannabinoid Content per Unit:

THC-A	THC	CBD-A	CBD	CBG-A	CBG	CBN	CBC
6.86 mg	367.92 mg	< 0.47 mg	< 0.47 mg	< 0.47 mg	1.22 mg	< 0.47 mg	< 0.47 mg
1.46 %	78.28 %	< 0.1 %	< 0.1 %	< 0.1 %	0.26 %	< 0.1 %	< 0.1 %

Sativarin K Pure VPen 375

NDC: 3694 Expiration: 7/26/18

See packaging for more info

**Report To:****ADVANCED GROW LABS****Attn: Elaine Loneragan****400 Frontage Rd****West Haven, CT 06516**Date Received: **7/25/2017**Date Tested: **7/26/2017**Laboratory Report#: **N1770897-15**E-Mail: elonergan@advancedgrowlabs.comReport Date: **08/04/2017**

Sample Site:	ADVANCED GROW LABS • 400 FRONTAGE RD., WEST HAVEN CT
Date Collected:	07/25/2017 11:12 AM Collected by: W. Clark of NELabs
Laboratory ID #:	1770897 – 15
Product Description:	CT-F1H11-170724-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: 07/25/2017

Approved By:

Alan C. Johnson, Laboratory Director

**Report To:****ADVANCED GROW LABS****Attn: Elaine Lonergan****400 Frontage Rd****West Haven, CT 06516****Date Received: 7/25/2017****Date Tested: 8/03 – 8/04 2017****Laboratory Report#: N1770897-15****E-Mail: elonergan@advancedgrowlabs.com****Report Date: 08/04/2017**

<u>Sample Site:</u>	ADVANCED GROW LABS • 400 FRONTAGE RD., WEST HAVEN CT		
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<u>Laboratory ID #:</u>	<u>1770897 – 15</u>		
<u>Product Description:</u>	CT-F1H11-170724-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:**

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

**Report To:****ADVANCED GROW LABS****Attn: Elaine Loneragan****400 Frontage Rd****West Haven, CT 06516**Date Received: **7/25/2017**Date Tested: **7/27 & 7/31 2017**Laboratory Report#: **N1770897-15****E-Mail:** elonergan@advancedgrowlabs.comReport Date: **08/04/2017**

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TERPENES**(% Dry Weight)****Result Units**

a-pinene	<0.01	%
b-pirene	<0.01	%
b-myrcene	0.17	%
limonene	0.32	%
ocimene	<0.01	%
linalool	0.30	%
b-caryophyllene	2.74	%
humulene	0.70	%

Residual Alcohol	0.14	%
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METHODS: GC, GC/MS**Comments:**

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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
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>Product Description:</u>	CT-F1H11-170724-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:**

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**Report To:****ADVANCED GROW LABS****Attn: Elaine Loneragan****400 Frontage Rd****West Haven, CT 06516****Date Received: 7/25/2017****Date Tested: 7/28/2017****Laboratory Report#: N1770897-15****E-Mail: elonergan@advancedgrowlabs.com****Report Date: 08/04/2017**

Sample Site:	ADVANCED GROW LABS • 400 FRONTAGE RD., WEST HAVEN CT
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Laboratory ID #:	1770897 – 15
Product Description:	CT-F1H11-170724-O

CANNABINOIDS (% weight)	Result	Units
CBDA	<0.1	% weight
CBGA	<0.1	% weight
CBG	0.26	% weight
CBD	<0.1	% weight
CBN	<0.1	% weight
THC	78.28	% weight
CBC	<0.1	% weight
THCA	1.46	% weight

METHODS: HPLC**Comments:**

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<u>Date Collected:</u>	07/25/2017 11:12 AM	Collected by: W. Clark of NELabs	
<u>Laboratory ID #:</u>	<u>1770897 – 15</u>		
Product Description:	CT-F1H11-170724-O		

<u>CANNABINOIDS (mg per 380 mg)</u>	<u>Result</u>	<u>Units</u>
CBDA	<0.38	mg per 380mg
CBGA	<0.38	mg per 380mg
CBG	0.99	mg per 380mg
CBD	<0.38	mg per 380mg
CBN	<0.38	mg per 380mg
THC	297.46	mg per 380mg
CBC	<0.38	mg per 380mg
THCA	5.55	mg per 380mg

METHODS: HPLC**Comments:**

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<u>Product Description:</u>	CT-F1H11-170724-O

CANNABINOIDS (mg per 470 mg)	Result	Units
CBDA	<0.47	mg per 470mg
CBGA	<0.47	mg per 470mg
CBG	1.22	mg per 470mg
CBD	<0.47	mg per 470mg
CBN	<0.47	mg per 470mg
THC	367.92	mg per 470mg
CBC	<0.47	mg per 470mg
THCA	6.86	mg per 470mg

METHODS: HPLC**Comments:**

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<u>Product Description:</u>	CT-F1H11-170724-O		

CANNABINOIDS (mg per 1,000 mg)	Result	Units
CBDA	<1.00	mg per 1000mg
CBGA	<1.00	mg per 1000mg
CBG	2.60	mg per 1000mg
CBD	<1.00	mg per 1000mg
CBN	<1.00	mg per 1000mg
THC	782.80	mg per 1000mg
CBC	<1.00	mg per 1000mg
THCA	14.60	mg per 1000mg

METHODS: HPLC**Comments:**

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Alan C. Johnson, Laboratory Director

See Vial for
DC#2257 Ex
Sublingu
Canna

400 Frontage Road West Har

VPen - 250mg

Batch: AGL-FP-16000

Ingredients: Vapor
Polyethylene Glycol

< 0.1 %

0.5 %

0.4 %

0.2 %

CBD

< 0.1 mg

< 0.1 %

CBG-A

3.4 mg

0.8 %