

Sativarin K VPen
250
NDC: 3708

Cannabinoid Content per Unit:							
THC-A	THC	CBD-A	CBD	CBG-A	CBG	CBN	CBC
< 0.38 mg	264.29 mg	< 0.38 mg	< 0.38 mg	< 0.38 mg	< 0.38 mg	< 0.38 mg	< 0.38 mg
< 0.1 %	69.55 %	< 0.1 %	< 0.1 %	< 0.1 %	< 0.1 %	< 0.1 %	< 0.1 %

Sativarin K VPen 250

NDC: 3708 Expiration: 8/7/18

See packaging for more info

**Report To:****ADVANCED GROW LABS****Attn: Elaine Loneragan****400 Frontage Rd****West Haven, CT 06516**Date Received: **08/01/2017**Date Tested: **08/07/2017**Laboratory Report#: **N1770984-05****E-Mail:** elonergan@adancedgrowlabs.comReport Date: **08/17/2017**

<u>Sample Site:</u>	ADVANCED GROW LABS • 400 FRONTAGE RD., WEST HAVEN CT		
<u>Date Collected:</u>	08/01/2017 11:30 AM	Collected by: C. Appell of NELabs	
<u>Laboratory ID #:</u>	<u>1770984 – 05</u>		
<u>Product Description:</u>	CT-F1H1-170724-OP		

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

a-pinene	<0.01	%
b-pirene	<0.01	%
b-myrcene	0.04	%
limonene	0.08	%
ocimene	<0.01	%
linalool	0.27	%
b-caryophyllene	1.87	%
humulene	0.10	%

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

- Results are based on sample/s submitted to Northeast Laboratories, Inc. on: 08/01/2017

Approved By:

Alan C. Johnson, Laboratory Director

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<u>Date Collected:</u>	08/01/2017 11:30 AM	Collected by: C. Appell of NELabs	
<u>Laboratory ID #:</u>	<u>1770984 – 05</u>		
<u>Product Description:</u>	<u>CT-F1H1-170724-OP</u>		

<u>CANNABINOIDS (% weight)</u>	<u>Result</u>	<u>Units</u>
CBDA	<0.1	% weight
CBGA	<0.1	% weight
CBG	<0.1	% weight
CBD	<0.1	% weight
CBN	<0.1	% weight
THC	69.55	% weight
CBC	<0.1	% weight
THCA	<0.1	% weight

METHODS: HPLC**Comments:**

- Results are based on sample/s submitted to Northeast Laboratories, Inc. on: 08/01/2017


Approved By:
Alan C. Johnson, Laboratory Director

**Report To:****ADVANCED GROW LABS****Attn: Elaine Loneragan****400 Frontage Rd****West Haven, CT 06516**Date Received: **08/01/2017**Date Tested: **08/07/2017**Laboratory Report#: **N1770984-05****E-Mail:** elonergan@adancedgrowlabs.comReport Date: **08/17/2017**

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<u>Date Collected:</u>	08/01/2017 11:30 AM	Collected by: C. Appell of NELabs	
<u>Laboratory ID #:</u>	<u>1770984 – 05</u>		
<u>Product Description:</u>	<u>CT-F1H1-170724-OP</u>		

<u>CANNABINOIDS (per 380 mg)</u>	<u>Result</u>	<u>Units</u>
CBDA	<0.38	per 380mg
CBGA	<0.38	per 380mg
CBG	<0.38	per 380mg
CBD	<0.38	per 380mg
CBN	<0.38	per 380mg
THC	264.29	per 380mg
CBC	<0.38	per 380mg
THCA	<0.38	per 380mg

METHODS: HPLC**Comments:**

- Results are based on sample/s submitted to Northeast Laboratories, Inc. on: 08/01/2017

Approved By:

Alan C. Johnson, Laboratory Director

**Report To:****ADVANCED GROW LABS****Attn: Elaine Loneragan****400 Frontage Rd****West Haven, CT 06516**Date Received: **08/01/2017**Date Tested: **08/07/2017**Laboratory Report#: **N1770984-05****E-Mail:** elonergan@adancedgrowlabs.comReport Date: **08/17/2017**

Sample Site:	ADVANCED GROW LABS • 400 FRONTAGE RD., WEST HAVEN CT
Date Collected:	08/01/2017 11:30 AM Collected by: C. Appell of NELabs
Laboratory ID #:	1770984 – 05
Product Description:	CT-F1H1-170724-OP

CANNABINOIDS (per 470 mg)	Result	Units
CBDA	<0.47	per 470mg
CBGA	<0.47	per 470mg
CBG	<0.47	per 470mg
CBD	<0.47	per 470mg
CBN	<0.47	per 470mg
THC	326.89	per 470mg
CBC	<0.47	per 470mg
THCA	<0.47	per 470mg

METHODS: HPLC**Comments:**

- Results are based on sample/s submitted to Northeast Laboratories, Inc. on: 08/01/2017

Approved By:

Alan C. Johnson, Laboratory Director

**Report To:**

ADVANCED GROW LABS

Attn: Elaine Loneragan

400 Frontage Rd

West Haven, CT 06516

Date Received: **08/01/2017**Date Tested: **08/07/2017**Laboratory Report#: **N1770984-05****E-Mail:** elonergan@adancedgrowlabs.comReport Date: **08/17/2017**

<u>Sample Site:</u>	ADVANCED GROW LABS • 400 FRONTAGE RD., WEST HAVEN CT		
<u>Date Collected:</u>	08/01/2017 11:30 AM	Collected by: C. Appell of NELabs	
<u>Laboratory ID #:</u>	<u>1770984 – 05</u>		
<u>Product Description:</u>	CT-F1H1-170724-OP		

<u>CANNABINOIDS (per 1000 mg)</u>	<u>Result</u>	<u>Units</u>
CBDA	<1.00	per 1000mg
CBGA	<1.00	per 1000mg
CBG	<1.00	per 1000mg
CBD	<1.00	per 1000mg
CBN	<1.00	per 1000mg
THC	695.50	per 1000mg
CBC	<1.00	per 1000mg
THCA	<1.00	per 1000mg

METHODS: HPLC**Comments:**

- Results are based on sample/s submitted to Northeast Laboratories, Inc. on: 08/01/2017


Approved By: Alan C. Johnson, Laboratory Director

**Report To:****ADVANCED GROW LABS****Attn: Elaine Loneragan****400 Frontage Rd****West Haven, CT 06516**Date Received: **7/25/2017**Date Tested: **7/26/2017**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		
<u>Date Collected:</u>	07/25/2017 11:12 AM	Collected by: W. Clark of NELabs	
<u>Laboratory ID #:</u>	1770897 – 15		
<u>Product Description:</u>	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		
<u>Date Collected:</u>	07/25/2017 11:12 AM	Collected by: W. Clark of NELabs	
<u>Laboratory ID #:</u>	1770897 – 15		
<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:**

- 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 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**

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

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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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: **8/03/2017**Laboratory Report#: **N1770897-15****E-Mail:** eloneragan@advancedgrowlabs.comReport Date: **08/04/2017**

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

Approved By:

Alan C. Johnson, Laboratory Director

**Report To:****ADVANCED GROW LABS****Attn: Elaine Loneragan****400 Frontage Rd
West Haven, CT 06516**Date Received: **7/25/2017**Date Tested: **8/03/2017**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		
<u>Date Collected:</u>	07/25/2017 11:12 AM	Collected by: W. Clark of NELabs	
<u>Laboratory ID #:</u>	<u>1770897 – 15</u>		
<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:**

- 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 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**

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

<u>CANNABINOIDS (% weight)</u>	<u>Result</u>	<u>Units</u>
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:**

- 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: **7/28/2017**Laboratory Report#: **N1770897-15****E-Mail:** elonergan@advancedgrowlabs.comReport Date: **08/04/2017**

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

CANNABINOIDS (mg per 380 mg)	Result	Units
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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Approved By:
Alan C. Johnson, Laboratory Director

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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>		
<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:**

- 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: 7/28/2017

Laboratory Report#: N1770897-15**E-Mail:** elonergan@advancedgrowlabs.com

Report Date: 08/04/2017

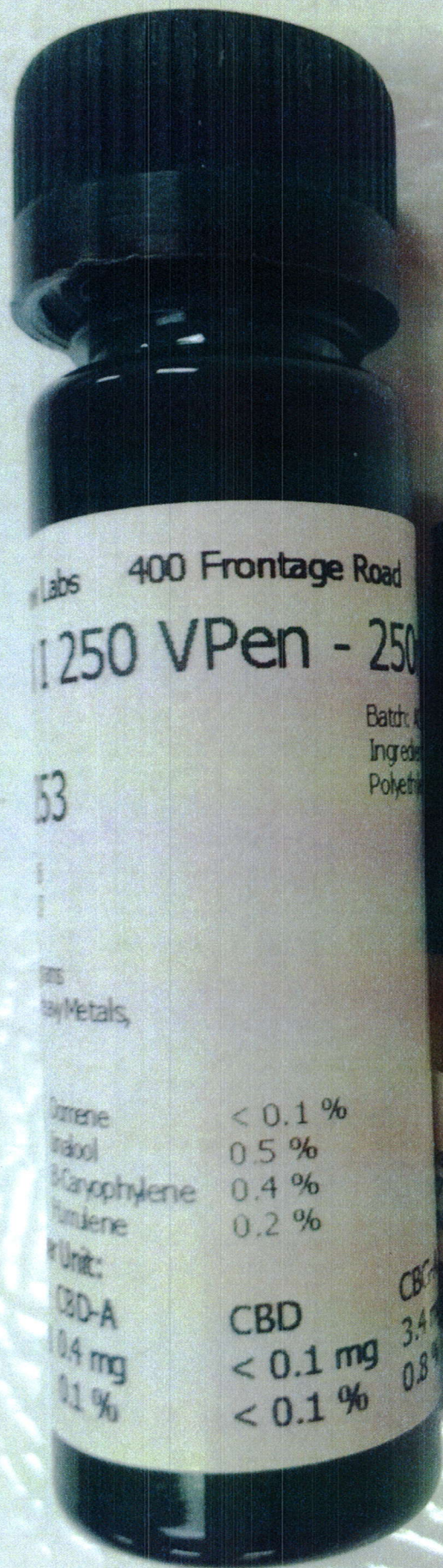
<u>Sample Site:</u>	ADVANCED GROW LABS • 400 FRONTAGE RD., WEST HAVEN CT		
<u>Date Collected:</u>	07/25/2017 11:12 AM	Collected by: W. Clark of NELabs	
<u>Laboratory ID #:</u>	<u>1770897 – 15</u>		
<u>Product Description:</u>	CT-F1H11-170724-O		

<u>CANNABINOIDS (mg per 1,000 mg)</u>	<u>Result</u>	<u>Units</u>
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:**

- Results are based on sample/s submitted to Northeast Laboratories, Inc. on: 07/25/2017


Approved By: Alan C. Johnson, Laboratory Director



Labs 400 Frontage Road

1 250 VPen - 250

Batch:
Ingredient
Polyeth

53

gms
ay Metals,

Terpene	< 0.1 %
Indanol	0.5 %
β-Caryophyllene	0.4 %
Humulene	0.2 %

Unit:

CBD-A
0.4 mg
0.1 %

CBD
< 0.1 mg
< 0.1 %

CBD

3.4
0.8

Marin L 250 VPe
86 Expiration
for more info