

Advanced Grow Labs 400 Frontage Road West Haven, CT 06516

Sativarin K - 3.5g
29.85 V1
NDC: 2652

Batch: AG-CT-F5HL-1611109
Ingredients: Raw Flower

Packaging Date: 11/16/2016 Net Wt: 3.5 g
Expiration Date: 05/09/2017 0.12 oz
Tested On: 11/09/2016
Flower Equivalence: 3.5 grams
Microbiology, Mycotoxins, Heavy Metals,
Pesticides - ALL PASS

Contains
Terpenes: b-myrcene 0.64%, limonene
0.17%, b-caryophyllene 2.27%, humulene
0.11%, trans-nerolidol 0.15%

Cannabinoid Content:

THC-A	THC	CBD-A	CBD	CBG-A	CBG	CBN	CBC
28.79 %	1.06 %	0 %	0 %	0.17 %	0 %	0 %	0 %

Advanced Grow Labs 400 Frontage Road West Haven, CT 06516

Sativarin K - 3.5g SC
29.85 V1
NDC: 2653

Batch: AG-CT-F5H1-1611109
Ingredients: Raw Flower

Packaging Date: 11/16/2016 Net Wt: 3.5 g
Expiration Date: 05/09/2017 0.12 oz
Tested On: 11/09/2016
Flower Equivalence: 3.5 grams
Microbiology, Mycotoxins, Heavy Metals,
Pesticides - ALL PASS

Contains
Terpenes: b-myrcene 0.64%, limonene
0.17%, b-caryophyllene 2.27%, humulene
0.11%, trans-nerolidol 0.15%

Cannabinoid Content:

THC-A	THC	CBD-A	CBD	CBG-A	CBG	CBN	CBC
28.79 %	1.06 %	0 %	0 %	0.17 %	0 %	0 %	0 %

Advanced Grow Labs 400 Frontage Road West Haven, CT 06516

Sativarin K - Pre-Roll x 4 (3.5g)
29.85 V1
NDC: 2654

Batch: AGL-CT-F5HI-1611109
Ingredients: Raw Flower

Packaging Date: 11/16/2016 Net Wt: 3.5 g
Expiration Date: 05/09/2017 0.12 oz
Tested On: 11/09/2016
Flower Equivalence: 3.5 grams
Microbiology, Mycotoxins, Heavy Metals,
Pesticides - ALL PASS

Contains
Terpenes: b-myrcene 0.64%, limonene
0.17%, b-caryophyllene 2.27%, humulene
0.11%, trans-nerolidol 0.15%

Cannabinoid Content:						
THC-A	THC	CBD-A	CBD	CBG-A	CBG	CBN
28.79 %	1.06 %	0 %	0 %	0.17 %	0 %	0 %

**Report To:****ADVANCED GROW LABS****Attn: Elaine Lonergan****400 Frontage Rd****West Haven, CT 06516**Date Received: **11/09/2016**Date Tested: **11/09/2016**Laboratory Report#: **N1667931-03**E-Mail: elonergan@adancedgrowlabs.comReport Date: **11/16/2016**

<u>Sample Site:</u>	ADVANCED GROW LABS • 400 FRONTAGE RD., WEST HAVEN CT		
<u>Date Collected:</u>	11/09/2016 10:45	Collected by: C. Appell of NELabs	
<u>Laboratory ID #:</u>	<u>1667931 – 03</u>		
<u>Product Description:</u>	<u>AGL CT F5H1 1611109</u>		

Parameter	Result	Units		Recommended Limits *
Total Aerobic Microbial Count	<100	per gram	PASS	100,000
Total Yeast & Mold Count	200	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: 11/09/2016

Approved By:

Alan C. Johnson, Laboratory Director

**Report To:****ADVANCED GROW LABS****Attn: Elaine Loneragan****400 Frontage Rd****West Haven, CT 06516****Date Received: 11/09/2016****Date Tested: 11/08 – 11/09 2016****Laboratory Report#: N1667931-03****E-Mail: elonergan@adancedgrowlabs.com****Report Date: 11/16/2016**

<u>Sample Site:</u>	ADVANCED GROW LABS • 400 FRONTAGE RD., WEST HAVEN CT		
<u>Date Collected:</u>	11/09/2016 10:45	Collected by: C. Appell of NELabs	
<u>Laboratory ID #:</u>	<u>1667931 – 03</u>		
<u>Product Description:</u>	AGL CT F5H1 1611109		

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: 11/09/2016

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

**Report To:****ADVANCED GROW LABS****Attn: Elaine Loneragan****400 Frontage Rd****West Haven, CT 06516****Date Received: 11/09/2016****Date Tested: 11/09/2016****Laboratory Report#: N1667931-03****E-Mail: elonergan@adancedgrowlabs.com****Report Date: 11/16/2016**

<u>Sample Site:</u>	ADVANCED GROW LABS		
	• 400 FRONTAGE RD., WEST HAVEN CT		
<u>Date Collected:</u>	11/09/2016 10:45	Collected by: C. Appell of NELabs	
<u>Laboratory ID #:</u>	1667931 – 03		
<u>Product Description:</u>	AGL CT F5H1 1611109		

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

a-pinene	---	%
camphene	---	%
sabinene	---	%
b-pinene	---	%
b-myrcene	0.64	%
a-phellandrene	---	%
3-carene	---	%
a-terpinene	---	%
limonene	0.17	%
eucalyptol	---	%
ocimene	---	%
b-terpinene	---	%
terpineol	---	%
terpinolene	---	%
linalool	---	%
(+)-fenchone	---	%
L(-)-fenchone	---	%
fenchol	---	%
(-)-isopulegol	---	%
camphor	---	%
isoborneol	---	%
(-)-borneol	---	%

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

- Results are based on sample/s submitted to Northeast Laboratories, Inc. on: 11/09/2016

Approved By:**Alan C. Johnson, Laboratory Director****Northeast Laboratories, Inc. 129 Mill Street Berlin, CT 06037 www.nelabsct.com**

Telephone: 860-828-9787 Toll Free (In State) 800-826-0105 (Out of State) 800-654-1230 Fax: 860-829-1050

CT Cert. #PH-0404 EPA Cert. #CT-024 USDA Cert. #0976 FDA Reg. #086650488 DEA Reg.: Federal #RN0281852 + CT #624

**Report To:****ADVANCED GROW LABS****Attn: Elaine Loneragan****400 Frontage Rd****West Haven, CT 06516**Date Received: **11/09/2016**Date Tested: **11/09/2016**Laboratory Report#: **N1667931-03****E-Mail:** elonergan@adancedgrowlabs.comReport Date: **11/16/2016**

<u>Sample Site:</u>	ADVANCED GROW LABS • 400 FRONTAGE RD., WEST HAVEN CT		
<u>Date Collected:</u>	11/09/2016 10:45	Collected by: C. Appell of NELabs	
<u>Laboratory ID #:</u>	1667931 – 03		
<u>Product Description:</u>	AGL CT F5H1 1611109		

EXPANDED TERPENES (% Dry Weight)	Result	Units
menthol	---	%
geraniol	---	%
nerol	---	%
(+)-pulegol	---	%
trans-b-farnesene	---	%
geranyl acetate	---	%
a-cedrene	---	%
b-caryophyllene	2.27	%
b-farnesene	---	%
humulene	0.11	%
a-farnesene	---	%
valencene	---	%
cis-nerolidol	---	%
trans-nerolidol	0.15	%
guaiol	---	%
caryophyllene oxide	---	%
cedrol	---	%
b-eudesmol	---	%
a-bisabolol	---	%

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

- Results are based on sample/s submitted to Northeast Laboratories, Inc. on: 11/09/2016

Approved By:

Alan C. Johnson, Laboratory Director

**Report To:****ADVANCED GROW LABS****Attn: Elaine Loneragan****400 Frontage Rd****West Haven, CT 06516**Date Received: **11/09/2016**Date Tested: **11/10/2016**Laboratory Report#: **N1667931-03****E-Mail:** elonergan@adancedgrowlabs.comReport Date: **11/16/2016**

<u>Sample Site:</u>	ADVANCED GROW LABS • 400 FRONTAGE RD., WEST HAVEN CT		
<u>Date Collected:</u>	11/09/2016 10:45	Collected by: C. Appell of NELabs	
<u>Laboratory ID #:</u>	1667931 – 03		
<u>Product Description:</u>	AGL CT F5H1 1611109		

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
Etiozole	<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: 11/09/2016

Approved By:

Alan C. Johnson, Laboratory Director

**Report To:****ADVANCED GROW LABS****Attn: Elaine Loneragan****400 Frontage Rd
West Haven, CT 06516**Date Received: **11/09/2016**Date Tested: **11/10/2016**Laboratory Report#: **N1667931-03****E-Mail: elonergan@adancedgrowlabs.com**Report Date: **11/16/2016**

<u>Sample Site:</u>	ADVANCED GROW LABS • 400 FRONTAGE RD., WEST HAVEN CT		
<u>Date Collected:</u>	11/09/2016 10:45	Collected by: C. Appell of NELabs	
<u>Laboratory ID #:</u>	<u>1667931 – 03</u>		
<u>Product Description:</u>	AGL CT F5H1 1611109		

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: 11/09/2016

Approved By:

Alan C. Johnson, Laboratory Director

**Report To:****ADVANCED GROW LABS****Attn: Elaine Loneragan****400 Frontage Rd****West Haven, CT 06516**Date Received: **11/09/2016**Date Tested: **11/09/2016**Laboratory Report#: **N1667931-03****E-Mail:** elonergan@adancedgrowlabs.comReport Date: **11/16/2016**

<u>Sample Site:</u>	ADVANCED GROW LABS • 400 FRONTAGE RD., WEST HAVEN CT		
<u>Date Collected:</u>	11/09/2016 10:45	Collected by: C. Appell of NELabs	
<u>Laboratory ID #:</u>	1667931 – 03		
<u>Product Description:</u>	AGL CT F5H1 1611109 – B		

<u>CANNABINOIDS (% weight)</u>	<u>Result</u>	<u>Units</u>
CBDV	----	% weight
CBDA	----	% weight
CBGA	0.17	% weight
CBG	----	% weight
CBD	----	% weight
THCV	----	% weight
CBN	----	% weight
THC	1.06	% weight
CBC	----	% weight
THCA	28.79	% weight

METHODS: HPLC**Comments:**

- Results are based on sample/s submitted to Northeast Laboratories, Inc. on: 11/09/2016


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



