

Advanced Grow Labs 400 Frontage Road West Haven, CT 06516

Sativarin D CR - 0.5g

91.25 V1

NDC: 2828

Batch: AGI-BD-161227-CR
Ingredients: Concentrate

Packaging Date: 01/11/2017 Net Wt: 0.5 g
Expiration Date: 12/29/2017 0.02 oz
Testing Date: 12/29/2016

Flower Equivalence: 1.8 grams
Microbiology, Mycotoxins, Heavy Metals,
Pesticides - ALL PASS

Contains Terpenes:

a-Pinene	0 %	Ocimene	0 %
B-Pinene	0 %	Linalool	0.08 %
B-Myrcene	0 %	B-Caryophyllene	0.24 %
Limonene	0.04 %	Humulene	0.10 %

Cannabinoid Content per Unit:

THC-A	THC	CBD-A	CBD	CBG-A	CBG	CBN	CBC
433.30 mg	22.95 mg	0 mg	0 mg	2.75 mg	0 mg	0 mg	0 mg
86.66 %	4.59 %	0 %	0 %	0.55 %	0 %	0 %	0 %

Sativarin D CR 91.25 V1
NDC#2828 Expiration:12/29/17
See vial for more information

**Report To:****ADVANCED GROW LABS****Attn: Elaine Lonergan****400 Frontage Rd****West Haven, CT 06516**Date Received: **12/29/2016**Date Tested: **12/29/2016**Laboratory Report#: **N1668446 – 04****E-Mail:** elonergan@adancedgrowlabs.comReport Date: **01/10/2017**

<u>Sample Site:</u>	ADVANCED GROW LABS • 400 FRONTAGE RD., WEST HAVEN CT		
<u>Date Collected:</u>	12/29/2016 10:15	Collected by: C. Appell of NELabs	
<u>Laboratory ID #:</u>	<u>1668446 – 04</u>		
<u>Product Description:</u>	AGL BD 161227 CR		

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: 12/29/2016

Approved By:

Alan C. Johnson, Laboratory Director

**Report To:****ADVANCED GROW LABS****Attn: Elaine Lonergan****400 Frontage Rd****West Haven, CT 06516**Date Received: **12/29/2016**Date Tested: **01/04 – 01/05 2017**Laboratory Report#: **N1668446 – 04****E-Mail:** elonergan@adancedgrowlabs.comReport Date: **01/10/2017**

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

a-pinene	---	%
b-pirene	---	%
b-myrcene	---	%
limonene	0.04	%
ocimene	---	%
linalool	0.08	%
b-caryophyllene	0.24	%
humulene	0.10	%

Residual Alcohol	0.47	%
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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
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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Northeast Laboratories, Inc. 129 Mill Street Berlin, CT 06037 www.nelabset.com

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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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CANNABINOIDS (% weight)	Result	Units
CBDV	----	% weight
CBDA	----	% weight
CBGA	0.55	% weight
CBG	----	% weight
CBD	----	% weight
THCV	----	% weight
CBN	----	% weight
THC	4.59	% weight
CBC	----	% weight
THCA	86.66	% weight

METHODS: HPLC**Comments:**

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CANNABINOIDS		Result	Units
mg per 500 mg (0.5 g)			
CBDV		----	mg/500 mg
CBD		----	mg/500 mg
CBGA		2.75	mg/500 mg
CBG		----	mg/500 mg
CBD		----	mg/500 mg
THCV		----	mg/500 mg
CBN		----	mg/500 mg
THC		22.95	mg/500 mg
CBC		----	mg/500 mg
THCA		433.30	mg/500 mg

METHODS: HPLC**Comments:**

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CANNABINOIDS mg per 1,000 mg (1 g)	Result	Units
CBDV	----	mg/1,000 mg
CBDA	----	mg/1,000 mg
CBGA	5.50	mg/1,000 mg
CBG	----	mg/1,000 mg
CBD	----	mg/1,000 mg
THCV	----	mg/1,000 mg
CBN	----	mg/1,000 mg
THC	45.90	mg/1,000 mg
CBC	----	mg/1,000 mg
THCA	866.60	mg/1,000 mg

METHODS: HPLC**Comments:**

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