

Advanced Grow Labs 400 Frontage Road West Haven, CT 06516

Sativarin A SH - 0.5g

93.01 V1

NDC: 2682

Batch: AG-TG-161202-SH
Ingredients: Concentrate

Packaging Date: 12/09/2016 Net Wt: 0.5 g
Expiration Date: 12/02/2017 0.02 oz
Testing Date: 12/02/2016

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

Contains Terpenes:
a-Pinene 0 % Odorless 0.06 %
B-Pinene 0 % Linalool 0 %
B-Myrcene 0.05 % B-Caryophyllene 0.15 %
Limonene 0.10 % Humulene 0.08 %

Cannabinoid Content per Unit:							
THC-A	THC	CBD-A	CBD	CBG-A	CBG	CBN	CBC
446.45 mg	18.60 mg	0 mg	0 mg	16.00 mg	0 mg	0 mg	0 mg
89.29 %	3.72 %	0 %	0 %	3.20 %	0 %	0 %	0 %

Sativarin A SH 93.01 V1

NDC#2682 Expiration:12/2/17

See vial for more information

**Report To:****ADVANCED GROW LABS****Attn: Elaine Lonergan****400 Frontage Rd****West Haven, CT 06516**Date Received: **12/02/2016**Date Tested: **12/02/2016**Laboratory Report#: **N1668161 – 03****E-Mail:** elonergan@adancedgrowlabs.comReport Date: **12/09/2016**

<u>Sample Site:</u>	ADVANCED GROW LABS • 400 FRONTAGE RD., WEST HAVEN CT		
<u>Date Collected:</u>	12/02/2016 10:15	Collected by: C. Appell of NELabs	
<u>Laboratory ID #:</u>	<u>1668161 – 03</u>		
<u>Product Description:</u>	AGL TG 161202 SH		

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: 12/02/2016

Approved By:

Alan C. Johnson, Laboratory Director

**Report To:****ADVANCED GROW LABS****Attn: Elaine Loneragan****400 Frontage Rd****West Haven, CT 06516**Date Received: **12/02/2016**Date Tested: **12/06 – 12/07 2016**Laboratory Report#: **N1668161 – 03****E-Mail:** elonergan@adancedgrowlabs.comReport Date: **12/09/2016**

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Product Description:	AGL TG 161202 SH		

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	0.05	%
limonene	0.10	%
ocimene	0.06	%
linalool	---	%
b-caryophyllene	0.15	%
humulene	0.08	%

Residual Alcohol	1.15	%
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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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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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<u>CANNABINOIDS (% weight)</u>	<u>Result</u>	<u>Units</u>
CBDV	----	% weight
CBDA	----	% weight
CBGA	3.20	% weight
CBG	----	% weight
CBD	----	% weight
THCV	----	% weight
CBN	----	% weight
THC	3.72	% weight
CBC	----	% weight
THCA	89.29	% weight

METHODS: HPLC**Comments:**

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<u>Product Description:</u>	AGL TG 161202 SH		

CANNABINOIDS mg per 500 mg (0.5 g)		Result	Units
CBDV		----	mg/500 mg
CBDA		----	mg/500 mg
CBGA		16.00	mg/500 mg
CBG		----	mg/500 mg
CBD		----	mg/500 mg
THCV		----	mg/500 mg
CBN		----	mg/500 mg
THC		18.60	mg/500 mg
CBC		----	mg/500 mg
THCA		446.45	mg/500 mg

METHODS: HPLC**Comments:**

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<u>Product Description:</u>	AGL TG 161202 SH		

CANNABINOIDS mg per 1,000 mg (1 g)	Result	Units
CBDV	----	mg/500 mg
CBDA	----	mg/500 mg
CBGA	32.00	mg/500 mg
CBG	----	mg/500 mg
CBD	----	mg/500 mg
THCV	----	mg/500 mg
CBN	----	mg/500 mg
THC	37.20	mg/500 mg
CBC	----	mg/500 mg
THCA	892.90	mg/500 mg

METHODS: HPLC**Comments:**

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Cannabidiol D 1.5 Sips V2
DC#2603 Expiration 10/15/17
See vial for more information

