Advanced Grow Labs 400 Frontage Road West Haven, CT 06516

Sativarin J SH - 0.5g
89.55 V1
NDC: 2688

Batch: AGL-OG-161206-SH
Ingredients: Concentrate

Packaging Date: 12/16/2016 Net Wt: 0.50 g
Expiration Date: 12/08/2017 0.02 oz
Testing Date: 12/08/2016
Flower Equivalence: 1.7 grams
Microbiology, Mycotoxicns, Heavy Metals, Pesticides - ALL PASS
Contains Terpenes:

a-Pinene	0 %	Ocimene	0 %
B-Pinene	0 %	Linalool	0 %
B-Myrcene	0 %	B-Caryophylene	0.15 %
Limonene	0 %	Humulene	0.10 %

Cannabinoid Content per Unit:

THC-A	THC	CBD-A	CBD	CBG-A	CBG	CBN	CBC
405.00 mg	42.75 mg	0 mg	0 mg	33.70 mg	0 mg	0 mg	0 mg
81.00 %	8.55 %	0 %	0 %	6.74 %	0 %	0 %	0 %

Sativarin J SH 89.55 V1
NDC#2688 Expiration:12/8/17
See vial for more information

Analytical Report

Report To:
ADVANCED GROW LABS
Attn: Elaine Lonergan
400 Frontage Rd
West Haven, CT 06516

E-Mail: elonergan@adancedgrowlabs.com

Date Received: **12/08/2016**
Date Tested: **12/08/2016**
Laboratory Report#: **N1668236 – 01**

Report Date: **12/16/2016**

Sample Site:	**ADVANCED GROW LABS** • **400 FRONTAGE RD., WEST HAVEN CT**
Date Collected:	**12/08/2016 10:45** **Collected by: C. Appell of NELabs**
Laboratory ID #:	**1668236 – 01**
Product Description:	**AGL OG 161206 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: 12/08/2016

Approved By:
Alan C. Johnson, Laboratory Director

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Date Received: **12/08/2016**
Date Tested: **12/15 -12/16 2016**
Laboratory Report#: **N1668236 – 01**

Report Date: **12/16/2016**

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Date Collected:	**12/08/2016 10:45** **Collected by: C. Appell of NELabs**
Laboratory ID #:	**1668236 – 01**
Product Description:	**AGL OG 161206 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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Approved By: Alan C. Johnson
Alan C. Johnson, Laboratory Director

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Date Received: **12/08/2016**
Date Tested: **12/09 & 12/13 2016**
Laboratory Report#: **N1668236 – 01**

Report Date: **12/16/2016**

Sample Site:	**ADVANCED GROW LABS** • **400 FRONTAGE RD., WEST HAVEN CT**
Date Collected:	**12/08/2016 10:45** **Collected by: C. Appell of NELabs**
Laboratory ID #:	**1668236 – 01**
Product Description:	**AGL OG 161206 SH**

EXPANDED TERPENES (% Dry Weight)	**Result**	**Units**
a-pinene	---	%
b-pirene	---	%
b-myrcene	---	%
limonene	---	%
ocimene	---	%
linalool	---	%
b-caryophyllene	0.15	%
humulene	0.10	%

Residual Alcohol	1.62	%

METHODS: **GC, GC/MS**

Comments:
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Date Received: **12/08/2016**
Date Tested: **12/12/2016**
Laboratory Report#: **N1668236 – 01**

Report Date: **12/16/2016**

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Laboratory ID #:	**1668236 – 01**
Product Description:	**AGL OG 161206 SH**

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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Date Collected:	**12/08/2016 10:45** **Collected by: C. Appell of NELabs**
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Product Description:	**AGL OG 161206 SH**

MYCOTOXINS

Parameter	Result	Units		Limits
Method: USP 561-II				
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
Method: USP 561-II (Mod)				
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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Laboratory ID #:	**1668236 – 01**
Product Description:	**AGL OG 161206 SH**

CANNABINOIDS (% weight)	Result	Units
CBDV	----	% weight
CBDA	----	% weight
CBGA	6.74	% weight
CBG	----	% weight
CBD	----	% weight
THCV	----	% weight
CBN	----	% weight
THC	8.55	% weight
CBC	----	% weight
THCA	81.00	% weight

METHODS: **HPLC**

Comments:
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Laboratory ID #:	**1668236 – 01**
Product Description:	**AGL OG 161206 SH**

CANNABINOIDS mg per 500 mg (0.5 g)	Result	Units
CBDV	----	mg/500 mg
CBDA	----	mg/500 mg
CBGA	33.70	mg/500 mg
CBG	----	mg/500 mg
CBD	----	mg/500 mg
THCV	----	mg/500 mg
CBN	----	mg/500 mg
THC	42.75	mg/500 mg
CBC	----	mg/500 mg
THCA	405.00	mg/500 mg

METHODS: **HPLC**

Comments:
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Product Description:	**AGL OG 161206 SH**

CANNABINOIDS mg per 1,000 mg (1 g)	Result	Units
CBDV	----	mg/1000 mg
CBDA	----	mg/1000 mg
CBGA	67.40	mg/1000 mg
CBG	----	mg/1000 mg
CBD	----	mg/1000 mg
THCV	----	mg/1000 mg
CBN	----	mg/1000 mg
THC	85.50	mg/1000 mg
CBC	----	mg/1000 mg
THCA	810.00	mg/1000 mg

METHODS: **HPLC**

Comments:
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Alan C. Johnson

Approved By:
Alan C. Johnson, Laboratory Director

ADVANCED GROW LABS
Cannabidiol D 1.5 Sitps V2
DC#2603 Expiration 10/15/17
See vial for more information