

Sativarin J 100 VPen - 100mg

Advanced Grow Labs
400 Frontage Road
West Haven, CT 06516

OPC Lic #:	Batch #:	Package ID:
1	AGL-VP-OG151118P*	1385
Harvest Date:	Vendor Type:	Strain:
Packaged Date:	Expiration Date:	
02-04-2016	11-23-2016	
Gross Weight:	Net Weight:	MIP Weight:
9.14 GR	0.22 GR	



Ingredients:

Dosage Form: Vaporizer Cartridge-220mg Cartridge. Sativarin J Cannabis Oil-146.09mg, PEG-73.91mg. THC Total Content 107.90mg.

Cannabinoid Content per Cartridge: THC 103.30mg, THC-A 4.60mg, CBD <0.10mg, CBD-A 0.10mg, CBG 2.90mg, CBG-A 2.00mg, CBN 0.40mg, CBC 1.00mg

TESTING: Microbiology, Mycotoxins, Heavy Metals, Pesticides, ALL PASS. TERPENOIDs PRESENT: Beta-Myrcene, Limonene, Linalool, Beta-Caryophyllene, Humulene

This product contains the equivalent of 1.0 gram of flower

Sativarin J PURE CANNABIS OIL POTENCY

THC 70.29%, THC-A 3.57%, CBD <0.01%, CBD-A 0.11%, CBG 2.05%, CBG-A 1.56%, CBN 0.25%, CBC 0.78%

Sativarin J + PEG BLENDED CANNABIS OIL POTENCY

Advanced Grow Labs	Tested On: 2015-11-23
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THC:	46.96%	CBD:	<0.01%
THCA:	2.09%	CBDA:	0.06%
DTHC:	N/T	CBN:	0.17%
CBG 1.31%			



Sativarin J 100 VPEN-100mg

NDC#1385 Expiration: 11/23/16

See vial for more information.

Customer Name: Advanced Grow Labs, LLC
Customer Address: 400 Frontage Road
West Haven, CT 06516
Phone Number: 475-227-0028

Results issued on: 11/26/2015 COA No.: 21112615-B

Client Lot Number	Sample ID	Test Conducted
OG151118PEG	21112315-3	Active Ingredient Analysis

Active Ingredient Results

via High Performance Liquid Chromatography (HPLC)

Cannabinoid	Percent by weight (w/w)	mg per 420 mg of product	mg per 220 mg of product
Δ^9 -Tetrahydrocannabinol Acid (Δ^9 -THC-A)	2.09%	8.8	4.6
Δ^9 -Tetrahydrocannabinol (Δ^9 -THC)	46.96%	197.2	103.3
Cannabidiol Acid (CBD-A)	0.06%	0.3	0.1
Cannabidiol (CBD)	<0.01%	<0.1	<0.1
Cannabigerol Acid (CBG-A)	0.92%	3.9	2.0
Cannabigerol (CBG)	1.31%	5.5	2.9
Cannabinol (CBN)	0.17%	0.7	0.4
Cannabichromene (CBC)	0.44%	1.8	1.0



Results Approved by: Jose A. Zavaleta, Lab Director

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Customer Name: Advanced Grow Labs, LLC
Customer Address: 400 Frontage Road
West Haven, CT 06516
Phone Number: 475-227-0028

Results issued on: 11/30/2015 COA No.: 21113015-A

Client Lot Number	Sample ID	Tests Conducted
OG151118	21112015-4	Quality Control Analysis
	21112015-5	Active Ingredient Analysis
	21112015-5	Terpene Analysis

Quality Control Results

Test	Specification	Results (Pass/Fail)
Microbiology	Total Aerobic Microbial Count (< 2K CFU/g)	Pass
	Total Yeast and Mold Count (< 200 CFU/g)	Pass
	Bile-tolerant Gram-negative Bacteria (absence)	Pass
	Staph. aureus (absence)	Pass
	Pseud. aeruginosa (absence)	Pass
Mycotoxins	Aflatoxin B1 (< 20 ug/Kg)	Pass
	Aflatoxin B2 (< 20 ug/Kg)	Pass
	Aflatoxin G1 (< 20 ug/Kg)	Pass
	Aflatoxin G2 (< 20 ug/Kg)	Pass
	Ochratoxin A (< 20 ug/Kg)	Pass
Heavy Metals	Arsenic - As (< 4.206 ug/g)	Pass
	Cadmium - Cd (< 2.704 ug/g)	Pass
	Mercury - Hg (< 8.712 ug/g)	Pass
	Lead - Pb (< 8.712 ug/g)	Pass
Pesticides	See attachment A	Pass

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Active Ingredient Results

via High Performance Liquid Chromatography (HPLC)

Cannabinoid	Percent by weight (w/w)
Δ^9 -Tetrahydrocannabinol Acid (Δ^9 -THC-A)	3.57%
Δ^9 -Tetrahydrocannabinol (Δ^9 -THC)	70.29%
Cannabidiol Acid (CBD-A)	0.11%
Cannabidiol (CBD)	<0.01%
Cannabigerol Acid (CBG-A)	1.56%
Cannabigerol (CBG)	2.05%
Cannabinol (CBN)	0.25%
Cannabichromene (CBC)	0.78%

Terpene Content Results

via Gas Chromatography Mass Spectrometry (GC-MS)

Terpene	Percent by weight (w/w)
α -Pinene	0.17%
β -Pinene	0.03%
β -Myrcene	0.90%
Limonene	0.38%
Ocimene	0.03%
Linalool	0.10%
β -Caryophyllene	1.23%
Humulene	0.39%



Results Approved by: Jose A. Zavaleta, Lab Director

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Attachment A

Pesticide	Residue limits according to EPA in parts per billion (ppb)	Results
Avermectin (abamectin)	< 10	Pass
Acequinocyl	< 20	Pass
Bifenazate	< 100	Pass
Bifenthrin (synthetic pyrethroid)	< 50	Pass
Cyfluthrin (synthetic pyrethroid)	< 20	Pass
Etoxazole	< 10	Pass
Imazalil	< 100	Pass
Imidacloprid	< 50	Pass
Myclobutanil	< 20	Pass
Paclobutrazol	< 400	Pass
Pyrethrins (synthetic)	< 50	Pass
Spinosad	< 10	Pass
Spiromesifen	< 20	Pass
Spirotetramat	< 200	Pass
Trifloxystrobin	< 50	Pass

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