

Advanced Grow Labs 400 Frontage Road West Haven, CT 06516

Sativarin W - 3.5g

26.10

NDC: 4649

Batch: AG-WD-F6H8-180516
Ingredients: Raw Flower

Packaging Date: 05/22/2018 Net Wt: 3.50 g
Expiration Date: 11/21/2018 0.12 oz

Testing Date: 05/21/2018

Flower Equivalence: 3.50 grams

Microbiology, Mycotoxins, Heavy Metals,
Pesticides - ALL PASS

Contains Terpenes:

a-Pinene	0.12 %	Odorless	0.16 %
B-Pinene	0.20 %	Linalool	< 0.10 %
B-Myrcene	0.24 %	B-Caryophyllene	0.15 %
Humulene	0.27 %	Humulene	< 0.10 %

Terpinolene 1.19%

Cannabinoid Content per Unit:

THC-A	THC	CBD-A	CBD	CBG-A	CBG	CBN	CBC
25.4 %	0.70 %	< 0.10 %	< 0.10 %	1.69 %	< 0.10 %	< 0.10 %	< 0.10 %

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

Results issued on: 5/21/2018 COA No.: 21052118-B

Client Lot Number	Sample ID	Tests Conducted
AGL-WD-F6H8-180516	3334-1	Quality Control Analysis
	3334-2	
	3334-2	Active Ingredient Analysis
	3334-2	Terpene Analysis

Quality Control Results

<u>Test</u>	<u>Test Conducted</u>	<u>Specification</u>	<u>Results</u> <u>(Pass/Fail)</u>
Microbiology	Total Aerobic Microbial Count	< 10 ⁶ CFU/g	Pass
	Total Yeast and Mold Count	< 10 ⁴ CFU/g	Pass
	<i>E. coli</i> (pathogenic strains)	Not Detected in 1 gram	Pass
	<i>Salmonella</i>	Not Detected in 1 gram	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)	25.4%
Δ^9 -Tetrahydrocannabinol (Δ^9 -THC)	0.70%
Cannabidiol Acid (CBD-A)	<0.10%
Cannabidiol (CBD)	<0.10%
Cannabigerol Acid (CBG-A)	1.69%
Cannabigerol (CBG)	<0.10%
Cannabinol (CBN)	<0.10%
Cannabichromene (CBC)	<0.10%

Terpene Content Results

via Gas Chromatography Mass Spectrometry (GC-MS)

Terpene	Percent by weight (w/w)
α -Pine	0.12%
β -Pinene	0.20%
β -Myrcene	0.24%
Limonene	0.27%
Ocimene	0.16%
Linalool	<0.10%
β -Caryophyllene	0.15%
Humulene	<0.10%
Terpinolene	1.19%


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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