

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

Results issued on: 5/30/2019 COA No.: 21053019-A

Client Lot Number	Sample ID	Tests Conducted
WD-F11H3-190517-O	3436-1	Quality Control Analysis
	3436-2	
	3436-2	Active Ingredient Analysis
	3436-2	Terpene Analysis

Quality Control Results

<u>Analysis</u>	<u>Test Conducted</u>	<u>Specification</u>	<u>Results (Pass/Fail)</u>
Microbiology	Total Aerobic Microbial Count	< 200 CFU/g	Passed
	Total Yeast and Mold Count	< 20 CFU/g	Passed
	Bile-tolerant Gram-negative Bacteria	Not Present	Passed
	<i>Staphylococcus aureus</i>	Not Present	Passed
	<i>Pseudomonas aeruginosa</i>	Not Present	Passed
Mycotoxins	Aflatoxin B1	< 20 ug/Kg	Passed
	Aflatoxin B2	< 20 ug/Kg	Passed
	Aflatoxin G1	< 20 ug/Kg	Passed
	Aflatoxin G2	< 20 ug/Kg	Passed
	Ochratoxin A	< 20 ug/Kg	Passed
Heavy Metals	Arsenic - As	< 4.206 ug/g	Passed
	Cadmium - Cd	< 2.704 ug/g	Passed
	Mercury - Hg	< 8.712 ug/g	Passed
	Lead - Pb	< 8.712 ug/g	Passed
Pesticides	See attachment A		Passed

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Active Ingredient Results

via High Performance Liquid Chromatography (HPLC)

Cannabinoid	Percent by weight (w/w)	mg per 200-mg of product	mg per 300-mg of product	mg per 400-mg of product	mg per 500-mg of product	mg per 1000-mg of product
Δ^9 -Tetrahydrocannabinol Acid (Δ^9 -THC-A)	0.23%	0.46	0.69	0.92	1.15	2.30
Δ^9 -Tetrahydrocannabinol (Δ^9 -THC)	71.8%	144	215	287	359	718
Cannabidiol Acid (CBD-A)	0.10%	0.20	0.30	0.40	0.50	1.00
Cannabidiol (CBD)	0.13%	0.26	0.39	0.52	0.65	1.30
Cannabigerol Acid (CBG-A)	0.34%	0.68	1.02	1.36	1.70	3.40
Cannabigerol (CBG)	3.20%	6.40	9.60	12.8	16.0	32.0
Cannabinol (CBN)	0.73%	1.46	2.19	2.92	3.65	7.30
Cannabichromene (CBC)	1.42%	2.84	4.26	5.68	7.10	14.2

Terpene Content Results

via Gas Chromatography Mass Spectrometry (GC-MS)

Terpene	Percent by weight (w/w)
α -Pinene	0.10%
β -Pinene	0.22%
β -Myrcene	0.25%
Limonene	0.36%
Ocimene	0.15%
Linalool	<0.10%
β -Caryophyllene	0.55%
Humulene	0.15%
Terpinolene	1.83%



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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