

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

Results issued on: 3/18/2019 COA No.: 21031819-C

Client Lot Number	Sample ID	Tests Conducted
AM-F4H18-190307-O	3419-8	Quality Control Analysis
	3419-9	
	3419-9	Active Ingredient Analysis
	3419-9	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)	1.09%	2.18	3.27	4.36	5.45	10.9
Δ^9 -Tetrahydrocannabinol (Δ^9 -THC)	68.5%	137	206	274	343	685
Cannabidiol Acid (CBD-A)	<0.10%	<0.10	<0.10	<0.10	<0.10	<0.10
Cannabidiol (CBD)	0.17%	0.34	0.51	0.68	0.85	1.70
Cannabigerol Acid (CBG-A)	0.18%	0.36	0.54	0.72	0.90	1.80
Cannabigerol (CBG)	3.20%	6.40	9.60	12.8	16.0	32.0
Cannabinol (CBN)	0.53%	1.06	1.59	2.12	2.65	5.30
Cannabichromene (CBC)	0.76%	1.52	2.28	3.04	3.80	7.60

Terpene Content Results

via Gas Chromatography Mass Spectrometry (GC-MS)

Terpene	Percent by weight (w/w)
α -Pinene	<0.10%
β -Pinene	<0.10%
β -Myrcene	0.28%
Limonene	0.70%
Ocimene	<0.10%
Linalool	0.69%
β -Caryophyllene	4.56%
Humulene	1.21%



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