

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

Results issued on: 2/12/2019 COA No.: 21021219-B

Client Lot Number	Sample ID	Tests Conducted
MP-F9H4-190116-O-1:5	3408-6	Quality Control Analysis
	3408-7	
	3408-7	Active Ingredient Analysis
	3408-7	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	< 2,00 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)	0.17%	0.34	0.51	0.68	0.85	1.70
Δ^9 -Tetrahydrocannabinol (Δ^9 -THC)	12.6%	25.2	37.8	50.4	63.0	126
Cannabidiol Acid (CBD-A)	3.24%	6.48	9.72	13.0	16.2	32.4
Cannabidiol (CBD)	60.3%	121	181	241	302	603
Cannabigerol Acid (CBG-A)	0.28%	0.56	0.84	1.12	1.40	2.80
Cannabigerol (CBG)	1.19%	2.38	3.57	4.76	5.95	11.9
Cannabinol (CBN)	0.27%	0.54	0.81	1.08	1.35	2.70
Cannabichromene (CBC)	3.17%	6.34	9.51	12.7	15.9	31.7

Terpene Content Results

via Gas Chromatography Mass Spectrometry (GC-MS)

Terpene	Percent by weight (w/w)
α -Pinene	0.16%
β -Pinene	0.23%
β -Myrcene	0.78%
Limonene	1.20%
Ocimene	<0.10%
Linalool	0.69%
β -Caryophyllene	1.43%
Humulene	0.45%



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