

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

Results issued on: 5/15/2019 COA No.: 21051519-A

Client Lot Number	Sample ID	Tests Conducted
MP-F3H19-190424-O-1:1	3432-1	Quality Control Analysis
	3432-2	
	3432-2	Active Ingredient Analysis
	3432-2	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)	0.56%	1.12	1.68	2.24	2.80	5.60
Δ^9 -Tetrahydrocannabinol (Δ^9 -THC)	38.0%	76.0	114	152	190	380
Cannabidiol Acid (CBD-A)	1.62%	3.24	4.86	6.48	8.10	16.2
Cannabidiol (CBD)	36.6%	73.2	110	146	183	366
Cannabigerol Acid (CBG-A)	0.26%	0.52	0.78	1.04	1.30	2.60
Cannabigerol (CBG)	1.71%	3.42	5.13	6.84	8.55	17.1
Cannabinol (CBN)	0.58%	1.16	1.74	2.32	2.90	5.80
Cannabichromene (CBC)	2.04%	4.08	6.12	8.16	10.2	20.4

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	0.50%
Ocimene	<0.10%
Linalool	0.28%
β -Caryophyllene	0.76%
Humulene	0.26%



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