

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

Results issued on: 12/17/2018 COA No.: 21121718-A

Client Lot Number	Sample ID	Tests Conducted
XC-F5H8-181205-O	3393-4	Quality Control Analysis
	3393-5	
	3393-5	Active Ingredient Analysis
	3393-5	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	< 2,000 CFU/g	Passed
	Total Yeast and Mold Count	< 200 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 350-mg of product	mg per 500-mg of product	mg per 580-mg of product	mg per 1000-mg of product
Δ^9 -Tetrahydrocannabinol Acid (Δ^9 -THC-A)	0.22%	0.77	1.10	1.28	2.20
Δ^9 -Tetrahydrocannabinol (Δ^9 -THC)	71.8%	251	359	416	718
Cannabidiol Acid (CBD-A)	<0.10%	<0.10	<0.10	<0.10	<0.10
Cannabidiol (CBD)	0.23%	0.81	1.15	1.33	2.30
Cannabigerol Acid (CBG-A)	0.50%	1.75	2.50	2.90	5.00
Cannabigerol (CBG)	1.79%	6.27	8.95	10.4	17.9
Cannabinol (CBN)	0.74%	2.59	3.70	4.29	7.40
Cannabichromene (CBC)	1.21%	4.24	6.05	7.02	12.1

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	<0.10%
Limonene	0.10%
Ocimene	<0.10%
Linalool	0.84%
β -Caryophyllene	0.93%
Humulene	0.31%



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