

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

Results issued on: 1/8/2019 COA No.: 21010819-E

Client Lot Number	Sample ID	Tests Conducted
SS-F6H10-181218-O	3397-34	Quality Control Analysis
	3397-35	
	3397-35	Active Ingredient Analysis
	3397-35	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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Client Lot Number: SS-F6H10-181218-O

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)	1.22%	2.44	3.66	4.88	6.10	12.2
Δ^9 -Tetrahydrocannabinol (Δ^9 -THC)	79.3%	159	238	317	397	793
Cannabidiol Acid (CBD-A)	<0.10%	<0.10	<0.10	<0.10	<0.10	<0.10
Cannabidiol (CBD)	0.23%	0.46	0.69	0.92	1.15	2.30
Cannabigerol Acid (CBG-A)	0.24%	0.48	0.72	0.96	1.20	2.40
Cannabigerol (CBG)	2.08%	4.16	6.24	8.32	10.4	20.8
Cannabinol (CBN)	0.77%	1.54	2.31	3.08	3.85	7.70
Cannabichromene (CBC)	0.84%	1.68	2.52	3.36	4.20	8.40

Terpene Content Results

via Gas Chromatography Mass Spectrometry (GC-MS)

Terpene	Percent by weight (w/w)
α -Pinene	<0.10%
β -Pinene	0.12%
β -Myrcene	0.27%
Limonene	0.49%
Ocimene	<0.10%
Linalool	0.56%
β -Caryophyllene	1.72%
Humulene	0.49%



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