

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

Results issued on: 11/29/2018 COA No.: 21112918-H

Client Lot Number	Sample ID	Tests Conducted
GH-F1H17-181116-O	3389-1	Quality Control Analysis
	3389-2	
	3389-2	Active Ingredient Analysis
	3389-2	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	< 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 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)	0.67%	1.34	2.01	2.68	3.35	6.70
Δ^9 -Tetrahydrocannabinol (Δ^9 -THC)	70.4%	141	211	282	352	704
Cannabidiol Acid (CBD-A)	0.12%	0.24	0.36	0.48	0.60	1.20
Cannabidiol (CBD)	0.20%	0.40	0.60	0.80	1.00	2.00
Cannabigerol Acid (CBG-A)	0.15%	0.30	0.45	0.60	0.75	1.50
Cannabigerol (CBG)	1.54%	3.08	4.62	6.16	7.70	15.4
Cannabinol (CBN)	1.53%	3.06	4.59	6.12	7.65	15.3
Cannabichromene (CBC)	1.41%	2.82	4.23	5.64	7.05	14.1

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	1.01%
Limonene	0.15%
Ocimene	<0.10%
Linalool	0.41%
β -Caryophyllene	0.80%
Humulene	0.20%



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