

THC-A	THC	CBD-A	CBD	CBG-A	CBG	CBN	CBC
< 0.1 mg	20.0 mg	< 0.1 mg	< 0.1 mg	< 0.1 mg	< 0.1 mg	< 0.1 mg	< 0.1 mg
< 0.1 %	0.1 %	< 0.1 %	< 0.1 %	< 0.1 %	< 0.1 %	< 0.1 %	< 0.1 %



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Customer Name: Advanced Grow Labs, LLC

Customer Address: 400 Frontage Road
West Haven, CT 06516

Phone Number: 475-227-0028

Results issued on: 6/30/2016 COA No.: 21063016-A

Client Lot Number	Sample ID	Tests Conducted
CC160623IOB	21062316-2	Active Ingredient Analysis
	21062316-2	Terpene Analysis
	21062316-2	Water Activity and pH Analysis

Active Ingredient Results

via High Performance Liquid Chromatography (HPLC)

Cannabinoid	Percent by weight (w/w)	mg per 36.4 grams of product
Δ^9 -Tetrahydrocannabinol Acid (Δ^9 -THC-A)	<0.1%	<0.1
Δ^9 -Tetrahydrocannabinol (Δ^9 -THC)	0.1%	20.0
Cannabidiol Acid (CBD-A)	<0.1%	<0.1
Cannabidiol (CBD)	<0.1%	<0.1
Cannabigerol Acid (CBG-A)	<0.1%	<0.1
Cannabigerol (CBG)	<0.1%	<0.1
Cannabinol (CBN)	<0.1%	<0.1
Cannabichromene (CBC)	<0.1%	<0.1

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Client Lot Number: CC160623IOB



Terpene Content Results

via Gas Chromatography Mass Spectrometry (GC-MS)

Terpene	Percent by weight (w/w)
α -Pinene	<0.1%
β -Pinene	<0.1%
β -Myrcene	<0.1%
Limonene	<0.1%
Ocimene	<0.1%
Linalool	<0.1%
β -Caryophyllene	<0.1%
Humulene	<0.1%

Water Activity and pH

Water Activity (Aw)	pH
0.73	8.05

Results Approved by: Jose A. Zavaleta, Director

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Client Lot Number: **CC160623IOB**

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

Results issued on: 6/16/2016 COA No.: 21061616-A

Client Lot Number	Sample ID	Tests Conducted
IOB160609	21061416-1	Quality Control Analysis
	21061416-2	Active Ingredient Analysis
	21061416-2	Terpene Analysis

Quality Control Results

<u>Test</u>	<u>Specification</u>	<u>Results</u> <u>(Pass/Fail)</u>
Microbiology	Total Aerobic Microbial Count (< 2K CFU/g)	Pass
	Total Yeast and Mold Count (< 200 CFU/g)	Pass
	Bile-tolerant Gram-negative Bacteria (absence)	Pass
	<i>Staph. aureus</i> (absence)	Pass
	<i>Pseud. aeruginosa</i> (absence)	Pass
Mycotoxins	Aflatoxin B1 (< 20 ug/Kg)	Pass
	Aflatoxin B2 (< 20 ug/Kg)	Pass
	Aflatoxin G1 (< 20 ug/Kg)	Pass
	Aflatoxin G2 (< 20 ug/Kg)	Pass
	Ochratoxin A (< 20 ug/Kg)	Pass
Heavy Metals	Arsenic - As (< 4.206 ug/g)	Pass
	Cadmium - Cd (< 2.704 ug/g)	Pass
	Mercury - Hg (< 8.712 ug/g)	Pass
	Lead - Pb (< 8.712 ug/g)	Pass
Pesticides	<i>See attachment A</i>	Pass

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Client Lot Number: IOB160609

Active Ingredient Results

via High Performance Liquid Chromatography (HPLC)

Cannabinoid	Percent by weight (w/w)
Δ^9 -Tetrahydrocannabinol Acid (Δ^9 -THC-A)	0.2%
Δ^9 -Tetrahydrocannabinol (Δ^9 -THC)	75.0%
Cannabidiol Acid (CBD-A)	0.1%
Cannabidiol (CBD)	0.1%
Cannabigerol Acid (CBG-A)	0.6%
Cannabigerol (CBG)	1.6%
Cannabinol (CBN)	0.6%
Cannabichromene (CBC)	1.2%

Terpene Content Results

via Gas Chromatography Mass Spectrometry (GC-MS)

Terpene	Percent by weight (w/w)
α -Pinene	<0.1%
β -Pinene	<0.1%
β -Myrcene	<0.1%
Limonene	0.1%
Ocimene	<0.1%
Linalool	0.2%
β -Caryophyllene	0.6%
Humulene	0.2%



Results Approved by: Jose A. Zavaleta, Lab Director

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Client Lot Number: **IOB160609**

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

