

Advanced Grow Labs 400 Frontage Road West Haven, CT 06516

Cannabidiol D 1:1 Sublingual Spray - 200mg

NDC: 3311

Batch: AQ-MP-F5H2-170417-SS-1:1
Ingredients: Food Grade Ethyl Alcohol, Food Grade
Propylene Glycol, Peppermint Oil, Cannabis Oil.

Packaging Date: 06/12/2017 Net Wt: 2.38 g
Expiration Date: 06/09/2018 0.08 oz
Testing Date: 06/09/2017

Flower Equivalence: 0.8 grams
Microbiology, Mycotoxins, Heavy Metals,
Pesticides - ALL PASS

Contains Terpenes:

a-Pinene	< 0.1 %	Odorless	< 0.1 %
B-Pinene	< 0.1 %	Linalool	< 0.1 %
B-Myrcene	< 0.1 %	B-Caryophyllene	0.1 %
Limonene	0.1 %	Humulene	< 0.1 %

Cannabinoid Content per Unit:

THC-A	THC	CBD-A	CBD	CBG-A	CBG	CBN	CBC
< 0.1 mg	100.0 mg	2.4 mg	90.4 mg	2.4 mg	4.8 mg	< 0.1 mg	4.8 mg
< 0.1 %	4.2 %	0.1 %	3.8 %	0.1 %	0.2 %	< 0.1 %	0.2 %

Cannabidiol D 1:1

Sublingual Spray

NDC: 3311 Expiration: 6/9/18

See packaging for more info

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

Results issued on: 6/9/2017 COA No.: 21060917-A

Client Lot Number	Sample ID	Test Conducted
MP-F5H2-170417-SS-1:1	3249-1	Active Ingredient Analysis
	3249-1	Terpene Analysis

Active Ingredient Results

via High Performance Liquid Chromatography (HPLC)

Cannabinoid	Percent by weight (w/w)	mg per 2.38 grams of product
Δ^9 -Tetrahydrocannabinol Acid (Δ^9 -THC-A)	<0.1%	<0.1
Δ^9 -Tetrahydrocannabinol (Δ^9 -THC)	4.2%	100.0
Cannabidiol Acid (CBD-A)	0.1%	2.4
Cannabidiol (CBD)	3.8%	90.4
Cannabigerol Acid (CBG-A)	0.1%	2.4
Cannabigerol (CBG)	0.2%	4.8
Cannabinol (CBN)	<0.1%	<0.1
Cannabichromene (CBC)	0.2%	4.8

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Client Lot Number: SBO-270127-O-SS

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%



Results Approved by: Jose A. Zavaleta, Director

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

Results issued on: 5/5/2017 COA No.: 21050517-A

Client Lot Number	Sample ID	Tests Conducted
MP-F5H2-170417-0 1:1	3243-3	Quality Control Analysis
	3243-2	
	3243-2	Active Ingredient Analysis
	3243-2	Terpene Analysis

Quality Control Results

<u>Analysis</u>	<u>Test Conducted</u>	<u>Specification</u>	<u>Results</u> <u>(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: MP-F5H2-170417-0 1:1

Active Ingredient Results

via High Performance Liquid Chromatography (HPLC)

Cannabinoid	Percent by weight (w/w)	mg per 280-mg of product	mg per 420-mg of product	mg per 530-mg of product
Δ^9 -Tetrahydrocannabinol Acid (Δ^9 -THC-A)	<0.1%	<0.1	<0.1	<0.1
Δ^9 -Tetrahydrocannabinol (Δ^9 -THC)	40.4%	113.1	169.7	214.1
Cannabidiol Acid (CBD-A)	1.8%	5.0	7.6	9.4
Cannabidiol (CBD)	37.6%	105.3	157.9	199.3
Cannabigerol Acid (CBG-A)	0.5%	1.4	2.1	2.7
Cannabigerol (CBG)	1.4%	3.9	5.9	7.4
Cannabinol (CBN)	0.2%	0.6	0.8	1.1
Cannabichromene (CBC)	2.0%	5.6	8.4	10.6

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	0.2%
Limonene	0.2%
Ocimene	<0.1%
Linalool	0.3%
β -Caryophyllene	0.6%
Humulene	0.2%



Results Approved by: Jose A. Zavaleta, Lab Director

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Client Lot Number: MP-F5H2-170417-0 1:1

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

