

Advanced Grow Labs 400 Frontage Road West Haven, CT 06516
Cannabidiol D 1:1 Sublingual Spray - 100mg

NDC: 5044

Batch: AGL-MP-F9H1-180524-O-1:1-SS
Ingredients: Food Grade Ethyl Alcohol, Food Grade
Propylene Glycol, Peppermint Oil, Cannabis Oil.

Packaging Date: 07/10/2018 Net Wt: 2.51 g
Expiration Date: 07/06/2019 0.08 oz
Testing Date: 07/06/2018
Flower Equivalence: 0.80 grams
Microbiology, Mycotoxins, Heavy Metals,
Pesticides - ALL PASS

Contains Terpenes:
< 0.10 % A-Pinene < 0.10 % Odorless
< 0.10 % B-Pinene < 0.10 % Linalool
< 0.10 % B-Myrcene < 0.10 % B-Caryophyllene
< 0.10 % Limonene < 0.10 % Humulene

Cannabinoid Content per Unit:

THC-A	THC	CBD-A	CBD	CBG-A	CBG	CBN	CBC
< 0.10 mg	98.1 mg	4.02 mg	102 mg	< 0.10 mg	5.27 mg	< 0.10 mg	6.02 mg
< 0.10 %	3.91 %	0.16 %	4.07 %	< 0.10 %	0.21 %	< 0.10 %	0.24 %

PRODUCT WARNING: KEEP IN A COOL, DRY PLACE.

Cannabidiol D 1:1
Sublingual Spray
NDC: 5044 Expiration:
7/6/19
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: 7/6/2018 COA No.: 21070618-D

Client Lot Number	Sample ID	Test Conducted
MP-F9H1-180524-O-1:1SS	3345-8	Active Ingredient Analysis
	3345-8	Terpene Analysis

Active Ingredient Results

via High Performance Liquid Chromatography (HPLC)

Cannabinoid	Percent by weight (w/w)	mg per 2.51-grams of product
Δ^9 -Tetrahydrocannabinol Acid (Δ^9 -THC-A)	<0.10%	<0.10
Δ^9 -Tetrahydrocannabinol (Δ^9 -THC)	3.91%	98.1
Cannabidiol Acid (CBD-A)	0.16%	4.02
Cannabidiol (CBD)	4.07%	102
Cannabigerol Acid (CBG-A)	<0.10%	<0.10
Cannabigerol (CBG)	0.21%	5.27
Cannabinol (CBN)	<0.10%	<0.10
Cannabichromene (CBC)	0.24%	6.02

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Client Lot Number: MP-F9H1-180524-O-1:1SS

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	<0.10%
β -Caryophyllene	<0.10%
Humulene	<0.10%



Results Approved by: Jose A. Zavaleta, Director

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Client Lot Number: **MP-F9H1-180524-O-1:1SS**

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

Results issued on: 6/14/2018 COA No.: 21061418-A

Client Lot Number	Sample ID	Tests Conducted
MP-F9H1-180524-O-1:1	3340-1	Quality Control Analysis
	3340-1	
	3340-1	Active Ingredient Analysis
	3340-1	Terpene Analysis

Quality Control Results

<u>Analysis</u>	<u>Test Conducted</u>	<u>Specification</u>	<u>Results</u> (Pass/Fail)
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-F9H1-180524-O-1:1

Active Ingredient Results

via High Performance Liquid Chromatography (HPLC)

Cannabinoid	Percent by weight (w/w)	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)	<0.10%	<0.10	<0.10	<0.10
Δ^9 -Tetrahydrocannabinol (Δ^9 -THC)	36.4%	182	211	364
Cannabidiol Acid (CBD-A)	1.80%	9.00	10.4	18.0
Cannabidiol (CBD)	37.6%	188	218	376
Cannabigerol Acid (CBG-A)	0.14%	0.70	0.81	1.40
Cannabigerol (CBG)	1.95%	9.75	11.3	19.5
Cannabinol (CBN)	0.27%	1.35	1.57	2.70
Cannabichromene (CBC)	2.28%	11.4	13.2	22.8

Terpene Content Results

via Gas Chromatography Mass Spectrometry (GC-MS)

Terpene	Percent by weight (w/w)
α -Pine	<0.10%
β -Pinene	<0.10%
β -Myrcene	<0.10%
Limonene	<0.10%
Ocimene	<0.10%
Linalool	0.27%
β -Caryophyllene	0.77%
Humulene	0.25%



Results Approved by: Jose A. Zavaleta, Lab Director

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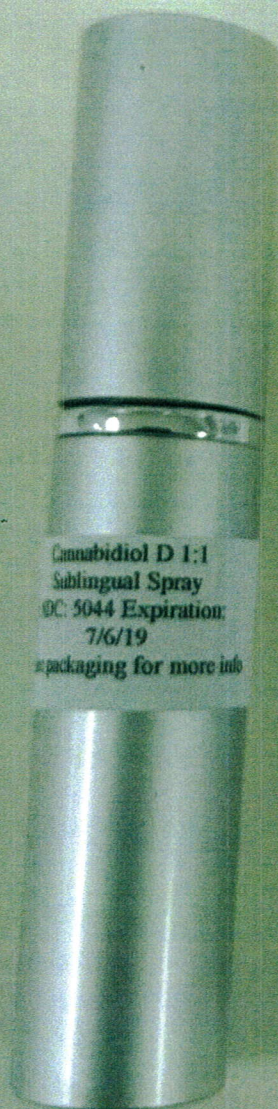
Client Lot Number: **MP-F9H1-180524-O-1:1**

Attachment A

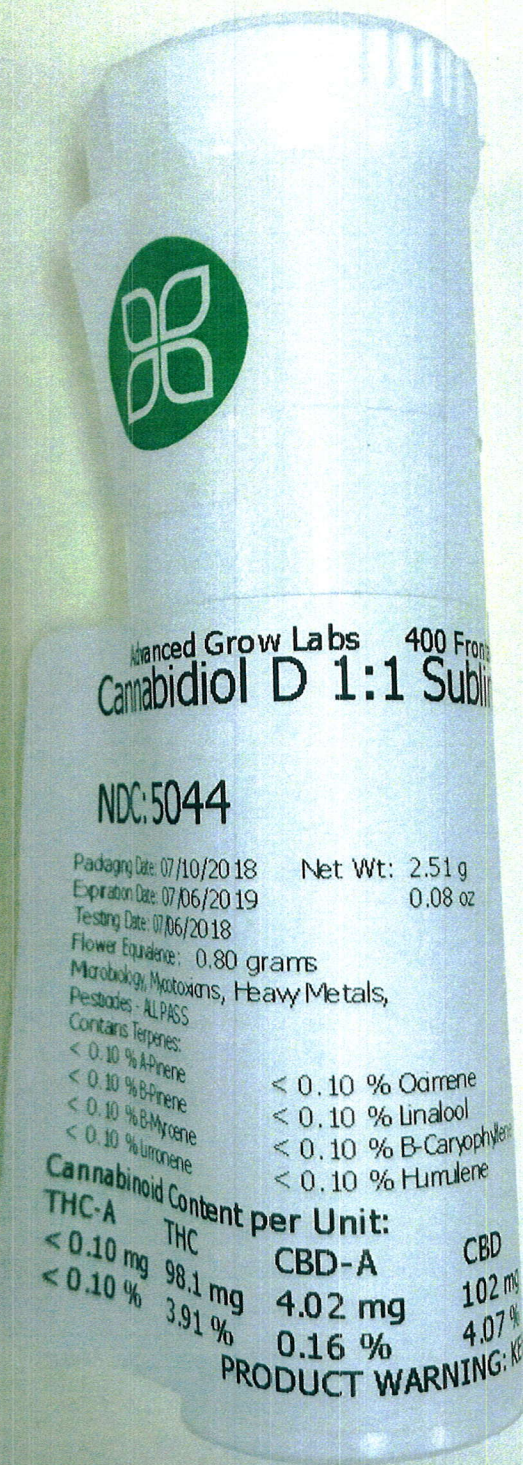
Pesticide	Residue limits according to EPA in parts per billion (ppb)	Results
Avermectin (abamectin)	< 10	Pass
Acequinocyl	< 20	Pass
Bifenazate	< 100	Pass
Bifenthrin (synthetic pyrethroid)	< 50	Pass
Cyfluthrin (synthetic pyrethroid)	< 20	Pass
Etoxazole	< 10	Pass
Imazalil	< 100	Pass
Imidacloprid	< 50	Pass
Myclobutanil	< 20	Pass
Paclobutrazol	< 400	Pass
Pyrethrins (synthetic)	< 50	Pass
Spinosad	< 10	Pass
Spiromesifen	< 20	Pass
Spirotetramat	< 200	Pass
Trifloxystrobin	< 50	Pass

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Sublingual Spray
NDC: 5044 Expiration:
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Advanced Grow Labs 400 Front
Cannabidiol D 1:1 Sublin

NDC: 5044

Packaging Date: 07/10/2018 Net Wt: 2.51 g
Expiration Date: 07/06/2019 0.08 oz
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Cannabinoid Content per Unit:
THC-A THC CBD-A CBD
< 0.10 mg 98.1 mg 4.02 mg 102 mg
< 0.10 % 3.91 % 0.16 % 4.07 %

PRODUCT WARNING: KE