

Advanced Grow Labs 400 Frontage Road West Haven, CT 06516

Sativum OB Sublingual Spray - 200mg

NDC: 5018

Batch: AGL-SBO-180109-O-SS
Ingredients: Food Grade Ethyl Alcohol, Food Grade
Propylene Glycol, Peppermint Oil, Cannabis Oil.

Packaging Date: 06/27/2018 Net Wt: 2.38 g
Expiration Date: 06/26/2019 0.08 oz

4.0 mg of Cannabinoids/Spray Approximately

Testing Date: 06/26/2018

2.64 mL/Vial

Flower Equivalence: 0.80 grams

Microbiology, Mycotoxins, Heavy Metals,
Pesticides - ALL PASS

Contains Terpenes:

< 0.10 % A-Pinene	< 0.10 % Ocimene
< 0.10 % B-Pinene	< 0.10 % Linalool
< 0.10 % B-Myrcene	0.13 % 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	200 mg	< 0.10 mg	< 0.10 mg	< 0.10 mg	10.0 mg	< 0.10 mg	3.81 mg
< 0.10 %	8.39 %	< 0.10 %	< 0.10 %	< 0.10 %	0.42 %	< 0.10 %	0.16 %

Sativum OB Sublingual Spray

NDC: 5018 Expiration: 6/26/19

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: 6/26/2018 COA No.: 21062618-A

Client Lot Number	Sample ID	Test Conducted
SBO-180109-O-SS	3339-5	Active Ingredient Analysis
	3339-5	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)	<0.10%	<0.10
Δ^9 -Tetrahydrocannabinol (Δ^9 -THC)	8.39%	200
Cannabidiol Acid (CBD-A)	<0.10%	<0.10
Cannabidiol (CBD)	<0.10%	<0.10
Cannabigerol Acid (CBG-A)	<0.10%	<0.10
Cannabigerol (CBG)	0.42%	10.0
Cannabinol (CBN)	<0.10%	<0.10
Cannabichromene (CBC)	0.16%	3.81

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Client Lot Number: SBO-180109-O-SS

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	0.13%
Humulene	<0.10%



Results Approved by: Jose A. Zavaleta, Director

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Client Lot Number: **SBO-180109-O-SS**

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

Results issued on: 1/18/2018 COA No.: 21011818-A

Client Lot Number	Sample ID	Tests Conducted
SBO-180109-O	3304-3	Quality Control Analysis
	3304-4	
	3302-1	Active Ingredient Analysis
	3302-1	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: SBO-180109-O

Active Ingredient Results

via High Performance Liquid Chromatography (HPLC)

Cannabinoid	Percent by weight (w/w)	mg per 500-mg of product	mg per 516-mg of product	mg per 524-mg of product	mg per 1000-mg of product
Δ^9 -Tetrahydrocannabinol Acid (Δ^9 -THC-A)	0.1%	0.5	0.5	0.5	1.0
Δ^9 -Tetrahydrocannabinol (Δ^9 -THC)	75.2%	376.0	388.0	394.0	752.0
Cannabidiol Acid (CBD-A)	<0.1%	<0.1	<0.1	<0.1	<0.1
Cannabidiol (CBD)	0.1%	0.5	0.5	0.5	1.0
Cannabigerol Acid (CBG-A)	<0.1%	<0.1	<0.1	<0.1	<0.1
Cannabigerol (CBG)	3.8%	19.0	19.6	19.9	38.0
Cannabinol (CBN)	0.4%	2.0	2.1	2.1	4.0
Cannabichromene (CBC)	1.4%	7.0	7.2	7.3	14.0

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	0.5%
β -Caryophyllene	0.9%
Humulene	0.3%



Results Approved by: Jose A. Zavaleta, Lab Director

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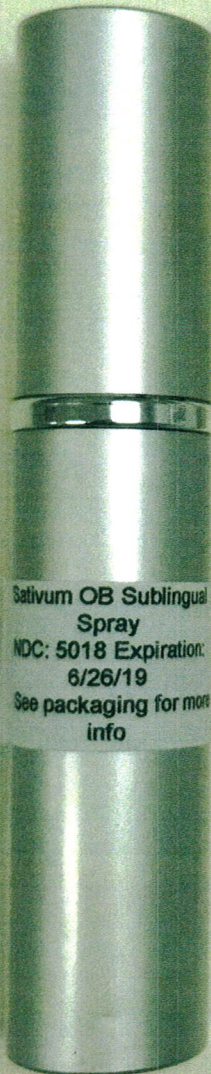
Client Lot Number: **SBO-180109-O**

Attachment A

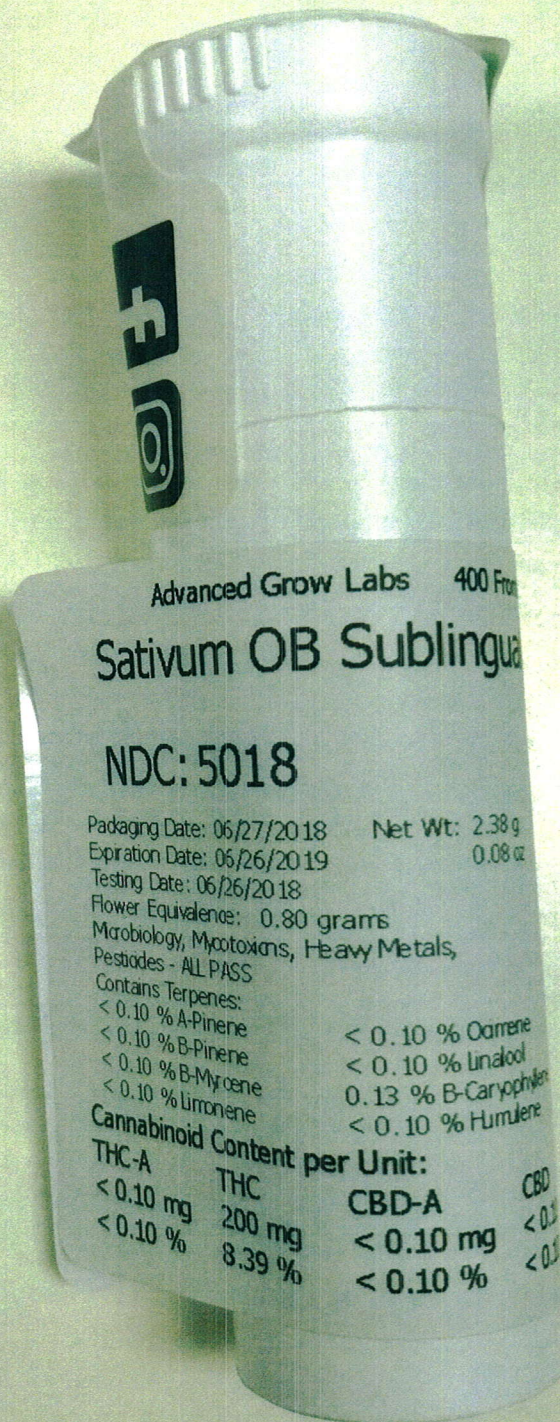
Pesticide	Residue limits according to EPA in parts per billion (ppb)	Results
Avermectin (abamectin)	< 10	Pass
Acequinocyl	< 20	Pass
Bifenazate	< 100	Pass
Bifenthrin (synthetic pyrethroid)	< 50	Pass
Cyfluthrin (synthetic pyrethroid)	< 20	Pass
Etoxazole	< 10	Pass
Imazalil	< 100	Pass
Imidacloprid	< 50	Pass
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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Sativum OB Sublingual

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Contains Terpenes:

< 0.10 % A-Pinene

< 0.10 % B-Pinene

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< 0.10 % Limonene

< 0.10 % Camphene

< 0.10 % Linalool

0.13 % B-Caryophyllene

< 0.10 % Humulene

Cannabinoid Content per Unit:

THC-A

< 0.10 mg

< 0.10 %

THC

200 mg

8.39 %

CBD-A

< 0.10 mg

< 0.10 %

CBD

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< 0.10 %