Advanced Grow Labs 400 Frontage Road West Haven, CT 06516

Sativum OB Sublingual Spray - 200mg

NDC: 4624

Batch: AGL-SBO-171011-SS
Ingredients: Food Grade Ethyl Alcohol, Food Grade Propylene Glycol, Peppermint Oil, Cannabis Oil.

Packaging Date: 11/02/2017 Net Wt: 2.36 g
Expiration Date: 11/01/2018 0.08 oz
Testing Date: 11/01/2017
Flower Equivalence: 0.8 grams
Microbiology, Mycotoxicns, Heavy Metals, Pesticides - ALL PASS
Contains Terpenes:

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

4.0 mg of Cannabinoids/Spray Approximately

2.55 mL/Vial

Cannabinoid Content per Unit:

THC-A	THC	CBD-A	CBD	CBG-A	CBG	CBN	CBC
< 0.1 mg	200.6 mg	< 0.1 mg	< 0.1 mg	< 0.1 mg	9.4 mg	< 0.1 mg	< 0.1 mg
< 0.1 %	8.5 %	< 0.1 %	< 0.1 %	< 0.1 %	0.4 %	< 0.1 %	< 0.1 %

Sativum OB Sublingual Spray
NDC: 4624 Expiration: 11/1/18
See packaging for more info

AltaSci
LABORATORIES
www.altascilabs.com

1 Hartford Square, New Britain, CT 06052
Tel: (860) 224-6668

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

Results issued on: 11/1/2017 COA No.: 21110117-C

Client Lot Number	Sample ID	Test Conducted
SBO171011SS	3285-4	Active Ingredient Analysis
	3285-4	Terpene Analysis

Active Ingredient Results

via High Performance Liquid Chromatography (HPLC)

Cannabinoid	Percent by weight (w/w)	mg per 2.36 grams of product
Δ^9-Tetrahydrocannabinol Acid (Δ^9-THC-A)	<0.1%	<0.1
Δ^9-Tetrahydrocannabinol (Δ^9-THC)	8.5%	200.6
Cannabidiol Acid (CBD-A)	<0.1%	<0.1
Cannabidiol (CBD)	<0.1%	<0.1
Cannabigerol Acid (CBG-A)	<0.1%	<0.1
Cannabigerol (CBG)	0.4%	9.4
Cannabinol (CBN)	<0.1%	<0.1
Cannabichromene (CBC)	<0.1%	<0.1

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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

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Client Lot Number: SBO171011SS

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Tel: (860) 224-6668

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

Results issued on: 10/17/2017 COA No.: 21101717-A

Client Lot Number	Sample ID	Tests Conducted
SBO-171011-O	3282-1 3282-2	Quality Control Analysis
	3282-2	Active Ingredient Analysis
	3282-2	Terpene Analysis

Quality Control Results

Analysis	Test Conducted	Specification	Results (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
	Staphylococcus aureus	Not Present	Passed
	Pseudomonas aeruginosa	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 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%	<0.1	<0.1	<0.1
Δ^9-Tetrahydrocannabinol (Δ^9-THC)	78.4%	404.5	410.8	784.0
Cannabidiol Acid (CBD-A)	<0.1%	<0.1	<0.1	<0.1
Cannabidiol (CBD)	0.3%	1.5	1.6	3.0
Cannabigerol Acid (CBG-A)	<0.1%	<0.1	<0.1	<0.1
Cannabigerol (CBG)	4.0%	20.6	21.0	40.0
Cannabinol (CBN)	0.3%	1.5	1.6	3.0
Cannabichromene (CBC)	1.3%	6.7	6.8	13.0

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	<0.1%
Limonene	<0.1%
Ocimene	<0.1%
Linalool	<0.1%
β-Caryophyllene	<0.1%
Humulene	<0.1%



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

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Client Lot Number: SBO-171011-O


ADVANCED
MOBO
Sativum OB
NDC: 4624