Advanced Grow Labs 400 Frontage Road West Haven, CT 06516

Sativum OB Carmelita - 20mg

NDC: 3787

Batch: AGL-SBO-171011-O-CML
Ingredients: Unbleached Wheat Flour, Caramel (corn syrup, sugar, water, butter, condensed milk, salt, artificial flavor, gum arabic, citric acid, sodium benzoate), Unsalted Butter, Light Brown Sugar, Chocolate Chips (sugar, chocolate liquor, cocoa butter, dextrose, soy lectihin, vanillin), Oatmeal, Pecans, Salt, Baking Soda, Cannabis Oil

< 0.1 % < 0.1 % < 0.1 % < 0.1 %

CBG CBN CBC CBD CBG-A THC-A THC CBD-A 0.2 mg < 0.1 % 0.3 mg < 0.1 % 1.0 mg < 0.1 % < 0.1 mg< 0.1 mg 20.0 mg < 0.1 mg 1.6 mg < 0.1 % < 0.1 % < 0.1 % 0.1 % < 0.1 %



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: <u>10/27/2017</u> COA No.: <u>21102717-A</u>

Client Lot Number	Sample ID	Tests Conducted
	3283-2	Active Ingredient Analysis
SBO-171011-O-CML	3283-2	Terpene Analysis
	3283-2	Water Activity and pH Analysis

Active Ingredient Results

via High Performance Liquid Chromatography (HPLC)

Cannabinoid	Percent by weight (w/w)	mg per 15.9- gram edible
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%	1.6
Cannabigerol Acid (CBG-A)	<0.1%	<0.1
Cannabigerol (CBG)	<0.1%	1.0
Cannabinol (CBN)	<0.1%	0.2
Cannabichromene (CBC)	<0.1%	0.3

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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%

Water Activity and pH

Water Activity (Aw)	рН	
0.65	8.33	



Results Approved by: Jose A. Zavaleta, Director

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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: <u>10/17/2017</u> COA No.: <u>21101717-A</u>

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

<u>Analysis</u>	Test Conducted	Specification	<u>Results</u> (Pass/Fail)	
	Total Aerobic Microbial Count	< 2,000 CFU/g	Passed	
	Total Yeast and Mold Count	< 200 CFU/g	Passed	
Microbiology	Bile-tolerant Gram-negative Bacteria	Not Present	Passed	
	Staphylococcus aureus	Not Present	Passed	
	Pseudomonas aeruginosa	Not Present	Passed	
	Aflatoxin B1	< 20 ug/Kg	Passed	
	Aflatoxin B2	< 20 ug/Kg	Passed	
Mycotoxins	Aflatoxin G1	< 20 ug/Kg	Passed	
	Aflatoxin G2	< 20 ug/Kg	Passed	
	Ochratoxin A	< 20 ug/Kg	Passed	
	Arsenic - As	< 4.206 ug/g	Passed	
	Cadmium - Cd	< 2.704 ug/g	Passed	
Heavy Metals	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-171011-O



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Active Ingredient Results

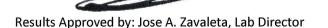
via High Performance Liquid Chromatography (HPLC)

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%



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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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