

Advanced Grow Labs 400 Frontage Road West Haven, CT 06516
Sativum OB Pistachio Granola Bites

NDC: 5214 **3 x 20mg**

Packaging Date: 08/22/2018 Net Wt: 78.0 g
Expiration Date: 09/21/2018 2.78 oz

Testing Date: 08/21/2018
Flower Equivalence: 0.24 grams
Microbiology, Mycotoxins, Heavy Metals,
Pesticides - ALL PASS

Contains Terpenes:
< 0.10 % A-Pinene < 0.10 % Ocimene
< 0.10 % B-Pinene < 0.10 % Unalool
< 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
< 0.01 mg	20.0 mg	< 0.01 mg	< 0.01 mg	< 0.01 mg	1.30 mg	< 0.01 mg	< 0.01 mg
< 0.10 %	< 0.10 %	< 0.10 %	< 0.10 %	< 0.10 %	< 0.10 %	< 0.10 %	< 0.10 %

PRODUCT WARNING: KEEP IN A COOL, DRY PLACE.

Batch: AG-SBO-180109-PGB
Ingredients: Rolled Oats, Honey, Chocolate Chips
(Sugar, Chocolate, Milkfat, Cocoa Butter, Soy
Lecithin, Natural Flavors. Contains Milk, Soy),
Unsalted Butter, Pistachios, Dark Brown Sugar, Cake
Flour, Whole Wheat Flour, Coconut Oil, Almond Flour,
Shredded Coconut, Vanilla, Baking Soda, Cannabis
Oil.

Customer Name: Advanced Grow Labs, LLC

Customer Address: 400 Frontage Road

West Haven, CT 06516

Phone Number: 475-227-0028

Results issued on: 8/21/2018 COA No.: 21082118-F

Client Lot Number	Sample ID	Tests Conducted
SBO-180109-PGB	3358-6	Active Ingredient Analysis
	3358-6	Terpene Analysis
	3358-6	Water Activity and pH Analysis

Active Ingredient Results

via High Performance Liquid Chromatography (HPLC)

Cannabinoid	Percent by weight (w/w)	mg per 26.0-gram edible
Δ^9 -Tetrahydrocannabinol Acid (Δ^9 -THC-A)	<0.10%	<0.01
Δ^9 -Tetrahydrocannabinol (Δ^9 -THC)	<0.10%	20.0
Cannabidiol Acid (CBD-A)	<0.10%	<0.01
Cannabidiol (CBD)	<0.10%	<0.01
Cannabigerol Acid (CBG-A)	<0.10%	<0.01
Cannabigerol (CBG)	<0.10%	1.30
Cannabinol (CBN)	<0.10%	<0.01
Cannabichromene (CBC)	<0.10%	<0.01

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Client Lot Number: SBO-180109-PGB

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%

Water Activity and pH

Water Activity (Aw)	pH
0.58	6.56


Results Approved by: Jose A. Zavaleta, Director

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

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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