

Advanced Grow Labs 400 Frontage Road West Haven, CT 06516

Sativum OB Peanut Butter Cookie - 20mg

NDC: 3337

Packaging Date: 07/05/2017 Net Wt: 20.83 g
Expiration Date: 07/29/2017 0.73 oz

Testing Date: 06/29/2017

Flower Equivalence: 0.08 grams

Microbiology, Mycotoxins, Heavy Metals,
Pesticides - ALL PASS

Contains Terpenes:

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

Cannabinoid Content per Unit:

THC-A	THC	CBD-A	CBD	CBG-A	CBG	CBN	CBC
< 0.1 mg	20.0 mg	< 0.1 mg	< 0.1 mg	< 0.1 mg	< 0.1 mg	< 0.1 mg	< 0.1 mg
< 0.1 %	0.1 %	< 0.1 %	< 0.1 %	< 0.1 %	< 0.1 %	< 0.1 %	< 0.1 %

Batch: AGL-SBO-170503-O-PB
Ingredients: Unbleached Wheat Flour, Peanut butter
(Dry Roasted Peanuts, Salt), Butter (Cream, Salt),
Brown Sugar, Granulated Sugar, Eggs, Baking Powder,
Baking Soda, Cornstarch, Vanilla Extract (Vanilla
Bean Extractives in Water, Alcohol 41%), 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: 6/29/2017 COA No.: 21062917-C

Client Lot Number	Sample ID	Tests Conducted
SBO-170503-O-PB	3253-3	Active Ingredient Analysis
	3253-3	Terpene Analysis
	3253-3	Water Activity and pH Analysis

Active Ingredient Results

via High Performance Liquid Chromatography (HPLC)

Cannabinoid	Percent by weight (w/w)	mg per 20.83-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%	<0.1
Cannabigerol Acid (CBG-A)	<0.1%	<0.1
Cannabigerol (CBG)	<0.1%	<0.1
Cannabinol (CBN)	<0.1%	<0.1
Cannabichromene (CBC)	<0.1%	<0.1

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Client Lot Number: **SBO-170503-O-PB**

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)	pH
0.72	7.21



Results Approved by: Jose A. Zavaleta, Director

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Client Lot Number: **SBO-170503-O-PB**

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

Results issued on: 5/8/2017 COA No.: 21050817-A

Client Lot Number	Sample ID	Tests Conducted
SBO-170503-O	3242-3	Quality Control Analysis
	3242-4	
	3242-4	Active Ingredient Analysis
	3242-4	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: SBO-170503-O

Active Ingredient Results

via High Performance Liquid Chromatography (HPLC)

Cannabinoid	Percent by weight (w/w)	mg per 280-mg of product	mg per 420-mg of product	mg per 530-mg of product
Δ^9 -Tetrahydrocannabinol Acid (Δ^9 -THC-A)	0.2%	0.6	0.8	1.1
Δ^9 -Tetrahydrocannabinol (Δ^9 -THC)	70.4%	197.1	295.7	373.1
Cannabidiol Acid (CBD-A)	<0.1%	<0.1	<0.1	<0.1
Cannabidiol (CBD)	0.2%	0.6	0.8	1.1
Cannabigerol Acid (CBG-A)	0.3%	0.8	1.3	1.6
Cannabigerol (CBG)	1.1%	3.1	4.6	5.8
Cannabinol (CBN)	0.4%	1.1	1.7	2.1
Cannabichromene (CBC)	1.3%	3.6	5.5	6.9

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	0.6%
β -Caryophyllene	1.1%
Humulene	0.2%



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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