

Sativum OB Cookies and Cream - 5 x 10mg
Sandwich Cookie V1
NDC: 2622

Batch: AGZ-SBO-161014-CSC
 Ingredients: Wafer (Unbleached Flour, Sugar, Soybean, Canola Oil, Cocoa, High Fructose Corn Syrup, Baking Soda, Salt, Soy Lecithin, Artificial Flavor. (Contains Wheat, Soy, Cocoa)), Powdered Sugar, Butter (Contains Milk), Vegetable Shortening (Soybean Oil, Palm Oil, Mono and Diglycerides, TBHQ and Citric Acid. (Contains Soy, Palm Oil)), Vanilla.

Packaging Date: 10/31/2016 Net Wt: 110.5 g
Expiration Date: 11/30/2016 3.90 oz
Testing Date: 10/31/2016
Flower Equivalence: 0.2 grams
Microbiology, Mycotoxins, 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 %

Cannabinoid Content per Unit:

THC-A	THC	CBD-A	CBD	CBG-A	CBG	CBN	CBC
< 0.1 mg	10.0 mg	< 0.1 mg	< 0.1 mg	< 0.1 mg	0.4 mg	< 0.1 mg	< 0.1 mg
< 0.1 %	0.1 %	< 0.1 %	< 0.1 %	< 0.1 %	< 0.1 %	< 0.1 %	< 0.1 %

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

Results issued on: 10/31/2016 COA No.: 21103116-A

Client Lot Number	Sample ID	Tests Conducted
SBO-161014-CSC	3196-17	Active Ingredient Analysis
	3196-17	Terpene Analysis
	3196-17	Water Activity and pH Analysis

Active Ingredient Results

via High Performance Liquid Chromatography (HPLC)

Cannabinoid	Percent by weight (w/w)	mg per 9.6-grams of cream
Δ^9 -Tetrahydrocannabinol Acid (Δ^9 -THC-A)	<0.1%	<0.1
Δ^9 -Tetrahydrocannabinol (Δ^9 -THC)	0.1%	10.0
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%	0.4
Cannabinol (CBN)	<0.1%	<0.1
Cannabichromene (CBC)	<0.1%	<0.1

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Client Lot Number: SBO-161014-CSC

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
0.42	8.21


Results Approved by: Jose A. Zavaleta, Director

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Client Lot Number: **SBO-161014-CSC**

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

Results issued on: 8/8/2016 COA No.: 21080816-A

Client Lot Number	Sample ID	Tests Conducted
SBO160814	3174-3	Quality Control Analysis
	3174-4	Active Ingredient Analysis
	3174-4	Terpene Analysis

Quality Control Results

<u>Test</u>	<u>Specification</u>	<u>Results</u> <u>(Pass/Fail)</u>
Microbiology	Total Aerobic Microbial Count (< 2K CFU/g)	Pass
	Total Yeast and Mold Count (< 200 CFU/g)	Pass
	Bile-tolerant Gram-negative Bacteria (absence)	Pass
	<i>Staph. aureus</i> (absence)	Pass
	<i>Pseud. aeruginosa</i> (absence)	Pass
Mycotoxins	Aflatoxin B1 (< 20 ug/Kg)	Pass
	Aflatoxin B2 (< 20 ug/Kg)	Pass
	Aflatoxin G1 (< 20 ug/Kg)	Pass
	Aflatoxin G2 (< 20 ug/Kg)	Pass
	Ochratoxin A (< 20 ug/Kg)	Pass
Heavy Metals	Arsenic - As (< 4.206 ug/g)	Pass
	Cadmium - Cd (< 2.704 ug/g)	Pass
	Mercury - Hg (< 8.712 ug/g)	Pass
	Lead - Pb (< 8.712 ug/g)	Pass
Pesticides	See attachment A	Pass

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Client Lot Number: **SBO160814**

Active Ingredient Results

via High Performance Liquid Chromatography (HPLC)

Cannabinoid	Percent by weight (w/w)
Δ^9 -Tetrahydrocannabinol Acid (Δ^9 -THC-A)	0.1%
Δ^9 -Tetrahydrocannabinol (Δ^9 -THC)	71.9%
Cannabidiol Acid (CBD-A)	0.1%
Cannabidiol (CBD)	0.1%
Cannabigerol Acid (CBG-A)	0.5%
Cannabigerol (CBG)	1.4%
Cannabinol (CBN)	1.1%
Cannabichromene (CBC)	1.1%

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	0.3%
Humulene	0.1%



Results Approved by: Jose A. Zavaleta, Lab Director

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

