

Advanced Grow Labs 400 Frontage Road West Haven, CT 06516  
**Sativum Peanut Butter Chip Cookie**

**NDC: 5708**      **20mg**

Packaging Date: 10/09/2018      Net Wt: 20.0 g  
Expiration Date: 10/09/2018      0.70 oz  
Testing Date: 10/08/2018  
Flower Equivalence: 0.08 grams  
Microbiology, Mycotoxins, Heavy Metals,  
Pesticides - ALL PASS  
Contains Terpenes:  
< 0.10 % A-Pinene      < 0.10 % Ocimene  
< 0.10 % B-Pinene      < 0.10 % Linalool  
< 0.10 % B-Myrcene      < 0.10 % B-Caryophyllene  
< 0.10 % Limonene      < 0.10 % Humulene

Batch: AGL-SBO-180907-O-PBC  
Ingredients: Peanut Butter (Roasted Peanuts,  
Dextrose, Hydrogenated Vegetable Oil (Rapeseed Oil,  
Cottonseed, Soybean (Contains Soy)), Salt),  
Unbleached Wheat Flour, Peanut Butter Chips  
(Partially Defatted Peanuts, Sugar, Hydrogenated  
Vegetable Oil (Palm Oil, Soybean Oil), Corn Syrup  
Solids, Dextrose, Reduced Protein Whey (Contains  
Milk), Salt, Palm Oil, Vanillin, Artificial Flavor,  
Lecithin), Vegetable Shortening (Contains Soy),  
Light Brown Sugar, Granulated Sugar, Egg, Milk,  
Baking Soda, Salt, Vanilla Extract (Water, Propylene  
Glycol, Caramel Color, Artificial Flavor, Ethyl  
Vanillin, Potassium Sorbat (As a Preservative),  
Cannabis Oil.

**Cannabinoid Content per Unit:**

THC-A	THC	CBD-A	CBD	CBG-A	CBG	CBN	CBC
1.00 mg	20.0 mg	< 0.01 mg	< 0.01 mg	< 0.01 mg	0.60 mg	0.40 mg	0.40 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.

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

Results issued on: 10/8/2018 COA No.: 21100718-E

Client Lot Number	Sample ID	Tests Conducted
SBO-180907-O-PBC	3370-4	Active Ingredient Analysis
	3370-4	Terpene Analysis
	3370-4	Water Activity and pH Analysis

### Active Ingredient Results

*via High Performance Liquid Chromatography (HPLC)*

Cannabinoid	Percent by weight (w/w)	mg per 20.0-gram edible
$\Delta^9$ -Tetrahydrocannabinol Acid ( $\Delta^9$ -THC-A)	<0.10%	1.00
$\Delta^9$ -Tetrahydrocannabinol ( $\Delta^9$ -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%	0.60
Cannabinol (CBN)	<0.10%	0.40
Cannabichromene (CBC)	<0.10%	0.40

©2017 AltaSci, LLC All rights reserved. Sample(s) tested were collected at the Customer's production facility from lot(s) as designated by the Customer. All results contained in this Certificate of Analysis, CoA, only reflect the "status" of the sample(s) tested. AltaSci, LLC does not guarantee that the "status" of the sampled lot(s) will not change due to any processing by the Customer following the testing by AltaSci, LLC

Client Lot Number: SBO-180907-O-PBC

### **Terpene Content Results**

*via Gas Chromatography Mass Spectrometry (GC-MS)*

Terpene	Percent by weight (w/w)
$\alpha$ -Pinene	<0.10%
$\beta$ -Pinene	<0.10%
$\beta$ -Myrcene	<0.10%
Limonene	<0.10%
Ocimene	<0.10%
Linalool	<0.10%
$\beta$ -Caryophyllene	<0.10%
Humulene	<0.10%

### **Water Activity and pH**

Water Activity (Aw)	pH
0.63	7.45



Results Approved by: Jose A. Zavaleta, Director

©2017 AltaSci, LLC All rights reserved. Sample(s) tested were collected at the Customer's production facility from lot(s) as designated by the Customer. All results contained in this Certificate of Analysis, CoA, only reflect the "status" of the sample(s) tested. AltaSci, LLC does not guarantee that the "status" of the sampled lot(s) will not change due to any processing by the Customer following the testing by AltaSci, LLC

Client Lot Number: **SBO-180907-O-PBC**



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

Results issued on: 9/19/2018 COA No.: 21091918-A

Client Lot Number	Sample ID	Tests Conducted
SBO-180907-O	3366-1	Quality Control Analysis
	3366-2	
	3366-2	Active Ingredient Analysis
	3366-2	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

©2017 AltaSci, LLC All rights reserved. Sample(s) tested were collected at the Customer's production facility from lot(s) as designated by the Customer. All results contained in this Certificate of Analysis, CoA, only reflect the "status" of the sample(s) tested. AltaSci, LLC does not guarantee that the "status" of the sampled lot(s) will not change due to any processing by the Customer following the testing by AltaSci, LLC

Client Lot Number: SBO-180907-O

## Active Ingredient Results

*via High Performance Liquid Chromatography (HPLC)*

Cannabinoid	Percent by weight (w/w)	mg per 500-mg of product	mg per 580-mg of product	mg per 1000-mg of product
$\Delta^9$ -Tetrahydrocannabinol Acid ( $\Delta^9$ -THC-A)	3.84%	19.2	22.3	38.4
$\Delta^9$ -Tetrahydrocannabinol ( $\Delta^9$ -THC)	77.2%	386	448	772
Cannabidiol Acid (CBD-A)	<0.10%	<0.10	<0.10	<0.10
Cannabidiol (CBD)	0.29%	1.45	1.68	2.90
Cannabigerol Acid (CBG-A)	0.16%	0.80	0.93	1.60
Cannabigerol (CBG)	2.68%	13.4	15.5	26.8
Cannabinol (CBN)	1.71%	8.55	9.91	17.1
Cannabichromene (CBC)	0.95%	4.75	5.51	9.50

## Terpene Content Results

*via Gas Chromatography Mass Spectrometry (GC-MS)*

Terpene	Percent by weight (w/w)
$\alpha$ -Pinene	<0.10%
$\beta$ -Pinene	<0.10%
$\beta$ -Myrcene	<0.10%
Limonene	<0.10%
Ocimene	<0.10%
Linalool	<0.10%
$\beta$ -Caryophyllene	0.14%
Humulene	<0.10%
$\alpha$ -Bisabolol	0.18%



Results Approved by: Jose A. Zavaleta, Lab Director

©2017 AltaSci, LLC All rights reserved. Sample(s) tested were collected at the Customer's production facility from lot(s) as designated by the Customer. All results contained in this Certificate of Analysis, CoA, only reflect the "status" of the sample(s) tested. AltaSci, LLC does not guarantee that the "status" of the sampled lot(s) will not change due to any processing by the Customer following the testing by AltaSci, LLC

Client Lot Number: **SBO-180907-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

©2017 AltaSci, LLC All rights reserved. Sample(s) tested were collected at the Customer's production facility from lot(s) as designated by the Customer. All results contained in this Certificate of Analysis, CoA, only reflect the "status" of the sample(s) tested. AltaSci, LLC does not guarantee that the "status" of the sampled lot(s) will not change due to any processing by the Customer following the testing by AltaSci, LLC

Client Lot Number: **SBO-180907-O**



Advanced Green Labs 400 Frontage Road West Haven, CT 06516  
**Sativum Peanut Butter Chip Cookie**

NDC: 5708

20mg

Net Weight: 10.00 g (0.35 oz) Net Wt: 10.00 g (0.35 oz)

Net Wt: 10.00 g (0.35 oz)

Net Wt: 10.00 g (0.35 oz)

Net Wt: 10.00 g (0.35 oz)

Net Wt: 10.00 g (0.35 oz)

Net Wt: 10.00 g (0.35 oz)

Net Wt: 10.00 g (0.35 oz)

Net Wt: 10.00 g (0.35 oz)

Net Wt: 10.00 g (0.35 oz)

Net Wt: 10.00 g (0.35 oz)

Net Wt: 10.00 g (0.35 oz)

Net Wt: 10.00 g (0.35 oz)

Net Wt: 10.00 g (0.35 oz)

Net Wt: 10.00 g (0.35 oz)

Net Wt: 10.00 g (0.35 oz)

Net Wt: 10.00 g (0.35 oz)

Net Wt: 10.00 g (0.35 oz)

Net Wt: 10.00 g (0.35 oz)

Net Wt: 10.00 g (0.35 oz)

Net Wt: 10.00 g (0.35 oz)

Net Wt: 10.00 g (0.35 oz)

Net Wt: 10.00 g (0.35 oz)

Net Wt: 10.00 g (0.35 oz)

Net Wt: 10.00 g (0.35 oz)

Net Wt: 10.00 g (0.35 oz)

Net Wt: 10.00 g (0.35 oz)

Net Wt: 10.00 g (0.35 oz)

Net Wt: 10.00 g (0.35 oz)

Net Wt: 10.00 g (0.35 oz)

Net Wt: 10.00 g (0.35 oz)

Net Wt: 10.00 g (0.35 oz)

Net Wt: 10.00 g (0.35 oz)

Net Wt: 10.00 g (0.35 oz)

Net Wt: 10.00 g (0.35 oz)

Net Wt: 10.00 g (0.35 oz)

Net Wt: 10.00 g (0.35 oz)

Net Wt: 10.00 g (0.35 oz)

Net Wt: 10.00 g (0.35 oz)

Net Wt: 10.00 g (0.35 oz)

Net Wt: 10.00 g (0.35 oz)

Net Wt: 10.00 g (0.35 oz)

Net Wt: 10.00 g (0.35 oz)

Net Wt: 10.00 g (0.35 oz)

Net Wt: 10.00 g (0.35 oz)

Net Wt: 10.00 g (0.35 oz)

Net Wt: 10.00 g (0.35 oz)

Net Wt: 10.00 g (0.35 oz)

Net Wt: 10.00 g (0.35 oz)

Net Wt: 10.00 g (0.35 oz)

Net Wt: 10.00 g (0.35 oz)

Net Wt: 10.00 g (0.35 oz)

Net Wt: 10.00 g (0.35 oz)

Net Wt: 10.00 g (0.35 oz)

Net Wt: 10.00 g (0.35 oz)

Net Wt: 10.00 g (0.35 oz)

Net Wt: 10.00 g (0.35 oz)

Net Wt: 10.00 g (0.35 oz)

Net Wt: 10.00 g (0.35 oz)

Net Wt: 10.00 g (0.35 oz)

Net Wt: 10.00 g (0.35 oz)

Net Wt: 10.00 g (0.35 oz)

Net Wt: 10.00 g (0.35 oz)

Net Wt: 10.00 g (0.35 oz)

Net Wt: 10.00 g (0.35 oz)

Net Wt: 10.00 g (0.35 oz)

Net Wt: 10.00 g (0.35 oz)

Net Wt: 10.00 g (0.35 oz)

Net Wt: 10.00 g (0.35 oz)

Net Wt: 10.00 g (0.35 oz)

Net Wt: 10.00 g (0.35 oz)



Medical Use Only - Not For Redistribution  
 Keep Out of Reach of Children and Pets  
 Do Not Drive or Operate Heavy Machinery  
 While Under the Influence of Medical Marijuana  
 Processed in a facility that may also process nuts

