

Sativum Red Velvet Brownie - 20mg Edible

Advanced Grow Labs
400 Frontage Road
West Haven, CT 06516

OPC Lic #: 1 **Batch #:** AGL-E-SBO160629RV **Package ID:** 1783

Harvest Date: **Vendor Type:** **Strain:**

Packaged Date: 07-11-2016 **Expiration Date:** 10-11-2016

Gross Weight: 45.66 GR **Net Weight:** 35.70 GR **MIP Weight:**



1783

Ingredients:

Dosage Form: Edible-Sativum Brownie. 20mg THC per Edible-Net Weight 35.7g(1.2oz).

Granulated Sugar, Unsalted Butter, Eggs, Enriched Wheat Flour, Cocoa Powder, Vanilla, Red Food Dye, Apple Cider Vinegar, Salt, Refined Cannabis Extract.

SATIVARIN PURE CANNABIS OIL POTENCY: THC-A <0.1%, THC 70.1%, CBD-A 0.6%, CBD 0.2%, CBG-A 0.6%, CBG 2.0%, CBN 0.5%, CBC 1.1%

TESTING:(Pure Analytics 07-08-2016) Total Cannabinoid Content per Edible-THC-A <0.1mg(<0.1%), THC 20.0mg(0.5%), CBD-A <0.1mg(<0.1%), CBD <0.1mg(<0.1%), CBG-A <0.1mg(<0.1%), CBG <0.1mg(<0.1%), CBN <0.1mg(<0.1%), CBC <0.1mg(<0.1%). Terpenoids Present: a-pinene, B-pinene, B-Myrcene, Limonene, Ocimene, Linalool, B-Caryophyllene, Humulene. Microbiology, Mycotoxins, Heavy Metals, Pesticides-ALL PASS. This product contains the equivalent of 0.08 grams of flower.

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

Results issued on: 7/8/2016 COA No.: 21070816-F

Client Lot Number	Sample ID	Tests Conducted
SBO160629RV	3161-13	Active Ingredient Analysis
	3161-13	Terpene Analysis
	3161-13	Water Activity and pH Analysis

Active Ingredient Results

via High Performance Liquid Chromatography (HPLC)

Cannabinoid	Percent by weight (w/w)	mg per 35.7 grams of product
Δ^9 -Tetrahydrocannabinol Acid (Δ^9 -THC-A)	<0.1%	<0.1
Δ^9 -Tetrahydrocannabinol (Δ^9 -THC)	0.56%	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: **SBO160629RV**

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
0.82	6.26



Results Approved by: Jose A. Zavaleta, Director

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Client Lot Number: **SBO160629RV**

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

Results issued on: 4/19/2016 COA No.: 21041916-A

Client Lot Number	Sample ID	Tests Conducted
SBO160415	21041516-25	Quality Control Analysis
	21041516-26	Active Ingredient Analysis
	21041516-26	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: SBO160415

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)	70.1%
Cannabidiol Acid (CBD-A)	0.6%
Cannabidiol (CBD)	0.2%
Cannabigerol Acid (CBG-A)	0.6%
Cannabigerol (CBG)	2.0%
Cannabinol (CBN)	0.5%
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	0.2%
Limonene	0.3%
Ocimene	0.1%
Linalool	0.2%
β -Caryophyllene	0.5%
Humulene	0.2%



Results Approved by: Jose A. Zavaleta, Lab Director

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Client Lot Number: **SBO160415**

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

