

Cannabidiol D 1:1 Dulce de Leche Cookie - 40mg Edible

Advanced Grow Labs
400 Frontage Road
West Haven, CT 06516

OPC Lic #:	Batch #:	Package ID:
1	AGL-E-	1665
	MPDDL160317	

Harvest Date:	Vendor Type:	Strain:
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Packaged Date:	Expiration Date:
03-29-2016	04-29-2016

Gross Weight:	Net Weight:	MIP Weight:
36.96 GR	27.00 GR	



1665

Ingredients:

Dosage Form: Edible-THC 19.4mg, CBD 20.0mg-Dulce de Leche (Milk, Sugar, Agar, Sodium Bicarbonate, Disodium Phosphate), Enriched Wheat Flour, Unsalted Butter (Pasteurized Cream, Natural Flavorings), Granulated Sugar, Dark Brown Sugar, Egg, Baking Powder (Monocalcium Phosphate, Sodium Bicarbonate, Corn Starch), Cocoa Powder, Cannabis Oil. Net weight 0.9oz(27.0g)

Pure Analytics Tested On: 2016-03-17 TESTING: Microbiology, Mycotoxins, Heavy Metals, Pesticides, ALL PASS.
TERPENOIDS PRESENT: A-Pinene, B-Pinene, B-Myrcene, Limonene, Ocimene, Linalool, B-caryophyllene, Humulene. This product contains the equivalent of 0.16 gram of flower

Cannabidiol D PURE CANNABIS OIL POTENCY THC-A 0.1%, THC 30.8%, CBD-A 3.3%, CBD 31.6%, CBG-A 0.3%, CBG 0.9%, CBN 0.6%, CBC 1.6%

Cannabinoid Content per Edible THC-A <0.1%, THC 0.1%, CBD-A <0.1%, CBD 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: 3/25/2016 COA No.: 21032516-B

Client Lot Number	Sample ID	Tests Conducted
MPDDL160317	21031715-11	Active Ingredient Analysis
	21031715-11	Terpene Analysis
	21031715-11	Water Activity and pH Analysis

Active Ingredient Results

via High Performance Liquid Chromatography (HPLC)

Cannabinoid	Percent by weight (w/w)	mg per 27.0 grams of product
Δ^9 -Tetrahydrocannabinol Acid (Δ^9 -THC-A)	<0.1%	<0.1
Δ^9 -Tetrahydrocannabinol (Δ^9 -THC)	0.1%	19.4
Cannabidiol Acid (CBD-A)	<0.1%	<0.1
Cannabidiol (CBD)	0.1%	20.0
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

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
0.70	6.2



Results Approved by: Jose A. Zavaleta, Director

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

Results issued on: 3/14/2016 COA No.: 21031416-I

Client Lot Number	Sample ID	Test Conducted
MP160311	21031116-15	Active Ingredient Analysis
	21031116-15	Terpene Analysis

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)	30.8%
Cannabidiol Acid (CBD-A)	3.3%
Cannabidiol (CBD)	31.6%
Cannabigerol Acid (CBG-A)	0.3%
Cannabigerol (CBG)	0.9%
Cannabinol (CBN)	0.6%
Cannabichromene (CBC)	1.6%

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Client Lot Number: **MP160311**

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	0.3%
Limonene	0.1%
Ocimene	<0.1%
Linalool	0.1%
β -Caryophyllene	0.4%
Humulene	0.2%



Results Approved by: Jose A. Zavaleta, Director

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

Peter,
This is the first of two oils
that were used to create the
final batch of oil for the edible Product.

Results issued on: 10/1/2015 COA No.: 21100115-A

Sample ID	Test Conducted	Client Lot Number
21092915-10	Quality Control Analysis	MP150928
21092915-11	Active Ingredient Analysis	
21092915-11	Terpene Content 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

Active Ingredient Results

via High Performance Liquid Chromatography (HPLC)

Cannabinoid	Percent by weight (w/w)
Δ^9 -Tetrahydrocannabinol Acid (Δ^9 -THC-A)	1.856%
Δ^9 -Tetrahydrocannabinol (Δ^9 -THC)	22.879%
Cannabidiol Acid (CBD-A)	4.341%
Cannabidiol (CBD)	39.654%
Cannabigerol Acid (CBG-A)	0.395%
Cannabigerol (CBG)	0.939%
Cannabinol (CBN)	0.444%
Cannabichromene (CBC)	0.010%

Terpene Content Results

via Gas Chromatography Mass Spectrometry (GC-MS)

Terpene	Percent by weight (w/w)
α -Pinene	0.056%
β -Pinene	<0.010%
β -Myrcene	0.861%
Limonene	0.222%
Ocimene	0.010%
Linalool	0.130%
β -Caryophyllene	0.603%
Humulene	0.251%



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

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This is the second oil that was used to create the final batch of oil. Both passed full micro/contaminant.

Results issued on: 11/13/2015 COA No.: 21111315-B

Sample ID	Test Conducted	Client Lot Number
21111015-3	Quality Control Analysis	PW151106
21111015-4	Active Ingredient Analysis	
21111015-4	Terpene Content 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

Active Ingredient Results

via High Performance Liquid Chromatography (HPLC)

Cannabinoid	Percent by weight (w/w)
Δ^9 -Tetrahydrocannabinol Acid (Δ^9 -THC-A)	0.202%
Δ^9 -Tetrahydrocannabinol (Δ^9 -THC)	56.608%
Cannabidiol Acid (CBD-A)	2.202%
Cannabidiol (CBD)	16.291%
Cannabigerol Acid (CBG-A)	0.460%
Cannabigerol (CBG)	1.154%
Cannabinol (CBN)	0.945%
Cannabichromene (CBC)	1.294%

Terpene Content Results

via Gas Chromatography Mass Spectrometry (GC-MS)

Terpene	Percent by weight (w/w)
α -Pinene	0.070%
β -Pinene	<0.010%
β -Myrcene	0.578%
Limonene	0.153%
Ocimene	0.026%
Linalool	0.211%
β -Caryophyllene	0.811%
Humulene	0.289%



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

