

# Dr. Ganja CBD Dawg

Sample ID: 1912CSALA1213.7687

Strain: Dr. Ganja CBD Dawg

Matrix: Plant

Type: Flower - Cured

Sample Size: 6 grams

Batch Size:

Batch#: D121019AQ

Harvested: N/A

Collected: 12/09/2019

Received: 12/09/2019

Completed: 12/12/2019

Client

**Dr.Ganja**

Lic. #

9190 W. Olympic Blvd

Beverly Hills, CA 90212



**0.48%**

Total THC

**13.51%**

Total CBD


**16.53%**

Total Cannabinoids

## Cannabinoids

Testing method: HPLC-SOP 101

Pass

Analyte	LOD	LOQ	Results	Results	
	%	%	%	mg/g	
CBDa	0.00002	0.0001	15.20	152.05	
CBGa	0.00002	0.0001	0.56	5.58	
THCa	0.00002	0.0001	0.55	5.46	
CBD	0.00004	0.0001	0.17	1.72	
CBG	0.00004	0.0001	0.04	0.40	
CBC	0.00001	0.0001	0.01	0.10	
CBDV	0.00001	0.0001	ND	ND	
CBN	0.00002	0.0001	ND	ND	
THCV	0.00004	0.0001	ND	ND	
Δ8-THC	0.00004	0.0001	ND	ND	
Δ9-THC	0.00004	0.0001	ND	ND	
<b>Total</b>			<b>16.53</b>	<b>165.30</b>	

Date Tested: 12/11/2019

Total THC = THCa \* 0.877 + d9-THC

Total CBD = CBDa \* 0.877 + CBD

LOQ = Limit of Quantitation; LOD = Limit of Detection; NT = Not Tested; ND = Not Detected. The reported result is based on a sample weight with the applicable moisture content for that sample;

**10.4%**

Moisture

Moisture Analyzer SOP-103  
Date Tested: 12/10/2019


 ISO / IEC 17025:2017 ACCREDITED LABORATORY  
 Accreditation No. 73653



 Mallory Speakman  
 Laboratory Director - LA  
 12/12/2019



 Anya Engen  
 Quality Review  
 12/12/2019



 Musa Aman  
 COA Review  
 12/12/2019

# CERTIFICATE OF ANALYSIS

Sample Name: Dr.Ganja CBD Dawg  
 Steep Hill ID: BK78569  
 Batch ID: D121019AQ  
 Sample Type: Flower  
 Date Received: 12/12/2019

Customer: Dr.Ganja

**Terpenoid Results - Extended Terpenes**
**12/16/2019**

Extended terpene analysis utilizing Gas Chromatography – Mass Spectrometry (GC-MS; SOP-069)

Analyte	%	mg/g	LOD mg/g	LOQ mg/g	Analyte	%	mg/g	LOD mg/g	LOQ mg/g
α-Bisabolol	0.053	0.53	0.0048	0.160	Linalool	0.022	0.22	0.00194	0.160
endo-Borneol	< LOQ	< LOQ	0.00036	0.180	Menthol	ND	ND	0.0032	0.160
Camphene	ND	ND	0.00062	0.160	β-Myrcene	0.73	7.3	0.0020	0.160
Camphor	ND	ND	0.00136	0.34	Nerol	ND	ND	0.0131	0.160
3-Carene	ND	ND	0.00063	0.160	cis-Nerolidol	ND	ND	0.0089	0.160
Caryophyllene Oxide	< LOQ	< LOQ	0.00145	0.160	trans-Nerolidol	ND	ND	0.0124	0.160
β-Caryophyllene	0.34	3.4	0.0052	0.160	cis-β-Ocimene	0.0185	0.185	0.0029	0.120
α-Cedrene	ND	ND	0.0023	0.180	trans-β-Ocimene	ND	ND	0.0032	0.060
Cedrol	ND	ND	0.0085	0.160	α-Phellandrene	ND	ND	0.00187	0.160
Citronellol	ND	ND	0.0169	0.160	Phytol 1	ND	ND	0.0034	0.060
Eucalyptol	ND	ND	0.0032	0.160	Phytol 2	ND	ND	0.0040	0.100
α-Farnesene	ND	ND	0.023	0.055	α-Pinene	0.075	0.75	0.00053	0.180
β-Farnesene	ND	ND	0.0080	0.200	β-Pinene	0.036	0.36	0.00040	0.160
Fenchol	< LOQ	< LOQ	0.00127	0.180	Pulegone	ND	ND	0.0046	0.160
Fenchone	ND	ND	0.00079	0.160	Sabinene	ND	ND	0.00038	0.160
Geraniol	ND	ND	0.025	0.160	Sabinene Hydrate	ND	ND	0.0035	0.160
Geranyl Acetate	ND	ND	0.0071	0.26	α-Terpinene	ND	ND	0.00082	0.180
Guaiol	0.031	0.31	0.0041	0.180	γ-Terpinene	ND	ND	0.00088	0.160
α-Humulene	0.085	0.85	0.00081	0.160	α-Terpineol	0.0169	0.169	0.0036	0.160
Isoborneol	ND	ND	0.00081	0.160	Terpinolene	ND	ND	0.00141	0.180
Isopulegol	ND	ND	0.0072	0.160	Valencene	ND	ND	0.0068	0.160
Limonene	0.074	0.74	0.00090	0.160	Total	1.48	14.8		

ND: Not Detected NT: Not Tested LOQ: Limit of Quantitation LOD: Limit of Detection



Travis Ruthenburg  
 Chief Science Officer  
 Date: 12/16/2019

The following results relate only to the samples tested and for the specific tests conducted. Steep Hill grants permission to reproduce this document in full only.

CERTIFICATE #: BK78569  
 REVISION #: BK78569.1

**DR.GANJA CBD DAWG**

<b>Batch ID:</b>	D121019AQ	<b>Test ID:</b>	6371732.007
<b>Reported:</b>	18-Dec-2019	<b>Method:</b>	TM16
<b>Type:</b>	Plant		
<b>Test:</b>	Pesticides		

**PESTICIDE RESIDUE**

Compound	Dynamic Range (ppb)	Result (ppb)	Compound	Dynamic Range (ppb)	Result (ppb)
Acephate	55 - 2527	ND*	Malathion	328 - 2527	ND*
Acetamiprid	55 - 2527	ND*	Metalaxyl	328 - 2527	ND*
Avermectin	328 - 2527	ND*	Methiocarb	55 - 2527	ND*
Azoxystrobin	55 - 2527	ND*	Methomyl	55 - 2527	ND*
Bifenazate	328 - 2527	ND*	MGK 264 1	328 - 2527	ND*
Boscalid	328 - 2527	ND*	MGK 264 2	328 - 2527	ND*
Carbaryl	55 - 2527	ND*	Myclobutanil	55 - 2527	ND*
Carbofuran	55 - 2527	ND*	Naled	328 - 2527	ND*
Chlorantraniliprole	328 - 2527	ND*	Oxamyl	55 - 2527	ND*
Chlorpyrifos	328 - 2527	ND*	Paclobutrazol	55 - 2527	ND*
Clofentezine	328 - 2527	ND*	Permethrin	328 - 2527	ND*
Diazinon	328 - 2527	ND*	Phosmet	328 - 2527	ND*
Dichlorvos	328 - 2527	ND*	Prophos	328 - 2527	ND*
Dimethoate	55 - 2527	ND*	Propoxur	55 - 2527	ND*
E-Fenpyroximate	328 - 2527	ND*	Pyridaben	55 - 2527	ND*
Etofenprox	55 - 2527	ND*	Spinosad A	55 - 2527	ND*
Etoxazole	55 - 2527	ND*	Spinosad D	55 - 2527	ND*
Fenoxycarb	328 - 2527	ND*	Spiromesifen	55 - 2527	ND*
Fipronil	328 - 2527	ND*	Spirotetramat	328 - 2527	ND*
Flonicamid	55 - 2527	ND*	Spiroxamine 1	55 - 2527	ND*
Fludioxonil	328 - 2527	ND*	Spiroxamine 2	55 - 2527	ND*
Hexythiazox	328 - 2527	ND*	Tebuconazole	328 - 2527	ND*
Imazalil	55 - 2527	ND*	Thiacloprid	55 - 2527	ND*
Imidacloprid	55 - 2527	ND*	Thiamethoxam	55 - 2527	ND*
Kresoxim-methyl	328 - 2527	ND*	Trifloxystrobin	55 - 2527	ND*

\* ND = None Detected (Defined by Dynamic Range of the method)

N/A

**FINAL APPROVAL**

  
 Sam Smith  
 18-Dec-2019  
 9:16 AM  
 PREPARED BY / DATE

  
 David Green  
 18-Dec-2019  
 9:50 AM  
 APPROVED BY / DATE

Testing results are based solely upon the sample submitted to Botanacor Laboratories, LLC, in the condition it was received. Botanacor Laboratories, LLC warrants that all analytical work is conducted professionally in accordance with all applicable standard laboratory practices using validated methods. Data was generated using an unbroken chain of comparison to NIST traceable Reference Standards and Certified Reference Materials. This report may not be reproduced, except in full, without the written approval of Botanacor Laboratories, LLC.

# CERTIFICATE OF ANALYSIS

Sample Name: Dr.Ganja CBD Dawg  
Steep Hill ID: BK78569  
Batch ID: D121019AQ  
Sample Type: Flower  
Date Received: 12/12/2019

Customer: Dr.Ganja

## Microbial Impurities Results

12/14/2019

Microbiological screening utilizing Pathogen Dx. (PDX; SOP-076)

Analyte	Result	Limit	LOQ
Aspergillus flavus	ND	ND	Not Detected in 1 gram
Aspergillus fumigatus	ND	ND	Not Detected in 1 gram
Aspergillus niger	ND	ND	Not Detected in 1 gram
Aspergillus terreus	ND	ND	Not Detected in 1 gram
E. coli (STEC)	ND	ND	Not Detected in 1 gram
Salmonella	ND	ND	Not Detected in 1 gram

ND: Not Detected NT: Not Tested LOQ: Limit of Quantitation LOD: Limit of Detection



Travis Ruthenburg  
Chief Science Officer  
Date: 12/14/2019

The following results relate only to the samples tested and for the specific tests conducted. Steep Hill grants permission to reproduce this document in full only.

© 2019 STEEP HILL, INC. ALL RIGHTS RESERVED

CERTIFICATE #: BK78569  
REVISION #: BK78569.1

Page 1 of 1

# CERTIFICATE OF ANALYSIS

Sample Name: Dr.Ganja CBD Dawg  
Steep Hill ID: BK78569  
Batch ID: D121019AQ  
Sample Type: Flower  
Date Received: 12/12/2019

Customer: Dr.Ganja

## Mycotoxin Results

12/16/2019

Mycotoxin analysis utilizing Liquid Chromatography – Mass Spectrometry (LC-MSMS; SOP-070) - **Limit units: µg/kg**

Analyte	µg/kg	Limit	LOD µg/kg	LOQ µg/kg
Aflatoxin B1	ND		1.38	4.6
Aflatoxin B2	ND		1.38	4.6
Aflatoxin G1	ND		1.38	1.73
Aflatoxin G2	ND		1.38	4.6
Ochratoxin A	ND	20	5.5	18.4
Total Aflatoxins	ND	20	1.38	4.6

ND: Not Detected NT: Not Tested LOQ: Limit of Quantitation LOD: Limit of Detection



Travis Ruthenburg  
Chief Science Officer  
Date: 12/16/2019

The following results relate only to the samples tested and for the specific tests conducted. Steep Hill grants permission to reproduce this document in full only.

© 2019 STEEP HILL, INC. ALL RIGHTS RESERVED

CERTIFICATE #: BK78569  
REVISION #: BK78569.1

Page 1 of 1

## Dr.Ganja CBD Dawg

Sample ID: 1912CSALA1204.7659

Strain: Dr.Ganja CBD Dawg

Matrix: Plant

Type: Flower - Cured

Sample Size: 6 grams

Batch Size:

Batch#: D121019AQ

Harvested: N/A

Collected: 12/09/2019

Received: 12/09/2019

Completed: 12/12/2019

Client

**Dr.Ganja**

Lic. #

9190 W. Olympic Blvd

Beverly Hills, CA 90212

## Nutrient Analysis

Testing method: ICPMS-SOP 501

**Pass**

Analyte	LOD	LOQ	Limit	Results	Status
	µg/g	µg/g	µg/g	µg/g	
Aluminum	0.001	0.01		56.194	Tested
Arsenic	0.001	0.01		0.012	Tested
Barium	0.001	0.01		37.362	Tested
Boron	0.001	0.01		166.661	Tested
Cadmium	0.001	0.01		0.047	Tested
Calcium	0.001	0.01		1757.901	Tested
Chromium	0.001	0.01		0.140	Tested
Cobalt	0.001	0.01		0.107	Tested
Copper	0.001	0.01		28.026	Tested
Iron	0.001	0.01		168.537	Tested
Lead	0.001	0.01		0.068	Tested
Lithium	0.001	0.01		0.082	Tested
Magnesium	0.001	0.01		4187.089	Tested
Manganese	0.001	0.01		196.231	Tested
Mercury	0.001	0.01		<LOQ	Tested
Molybdenum	0.001	0.01		0.110	Tested
Nickel	0.001	0.01		18.118	Tested
Phosphorus	0.001	0.01		7189.062	Tested
Potassium	0.001	0.01		35080.922	Tested
Selenium	0.001	0.01		0.022	Tested
Silver	0.001	0.01		<LOQ	Tested
Sodium	0.001	0.01		428.077	Tested
Strontium	0.001	0.01		52.383	Tested
Sulfur	0.001	0.01		ND	Tested
Tin	0.001	0.01		1.308	Tested
Vanadium	0.001	0.01		0.100	Tested
Zinc	0.001	0.01		78.883	Tested

Date Tested: 12/12/2019

LOQ = Limit of Quantitation; LOD = Limit of Detection; NT = Not Tested; ND = Not Detected.


 ISO / IEC 17025:2017 ACCREDITED LABORATORY  
 Accreditation No. 73653



 Mallory Speakman  
 Laboratory Director - LA  
 12/12/2019



 Anya Engen  
 Quality Review  
 12/12/2019



 Amanda Bravo  
 COA Review  
 12/12/2019