

Dr. Ganja Berry Blossom

Sample ID: 1912CSALA1213.7685

Strain: Dr. Ganja Berry Blossom

Matrix: Plant

Type: Flower - Cured

Sample Size: 6 grams

Batch Size:

Batch#: D120919AO

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



0.51%

Total THC

16.24%

Total CBD


19.59%

Total Cannabinoids

Cannabinoids

Testing method: HPLC-SOP 101

Pass

Analyte	LOD	LOQ	Results	Results	
	%	%	%	mg/g	
CBDa	0.00002	0.0001	17.95	179.47	
THCa	0.00002	0.0001	0.58	5.78	
CBD	0.00004	0.0001	0.50	5.00	
CBGa	0.00002	0.0001	0.37	3.73	
CBC	0.00001	0.0001	0.16	1.56	
CBG	0.00004	0.0001	0.04	0.42	
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	
Total			19.59	195.94	

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;

8.8%

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 Berry Blossom
 Steep Hill ID: BK78228
 Batch ID: D120919AO
 Sample Type: Flower
 Date Received: 12/9/2019

Customer: Dr.Ganja

Terpenoid Results - Extended Terpenes
12/13/2019

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	0.0195	0.195	0.0047	0.158	Linalool	< LOQ	< LOQ	0.00191	0.158
endo-Borneol	< LOQ	< LOQ	0.00036	0.177	Menthol	ND	ND	0.0031	0.158
Camphene	< LOQ	< LOQ	0.00062	0.158	β-Myrcene	3.3	33	0.0020	0.158
Camphor	ND	ND	0.00134	0.34	Nerol	ND	ND	0.0130	0.158
3-Carene	ND	ND	0.00063	0.158	cis-Nerolidol	ND	ND	0.0088	0.158
Caryophyllene Oxide	< LOQ	< LOQ	0.00143	0.158	trans-Nerolidol	ND	ND	0.0122	0.158
β-Caryophyllene	0.90	9.0	0.0051	0.158	cis-β-Ocimene	0.036	0.36	0.0028	0.118
α-Cedrene	ND	ND	0.0022	0.177	trans-β-Ocimene	ND	ND	0.0032	0.059
Cedrol	ND	ND	0.0084	0.158	α-Phellandrene	ND	ND	0.00184	0.158
Citronellol	ND	ND	0.0167	0.158	Phytol 1	ND	ND	0.0034	0.059
Eucalyptol	< LOQ	< LOQ	0.0032	0.158	Phytol 2	ND	ND	0.0039	0.099
α-Farnesene	ND	ND	0.023	0.054	α-Pinene	0.198	1.98	0.00052	0.177
β-Farnesene	ND	ND	0.0079	0.197	β-Pinene	0.081	0.81	0.00039	0.158
Fenchol	< LOQ	< LOQ	0.00125	0.177	Pulegone	ND	ND	0.0046	0.158
Fenchone	ND	ND	0.00078	0.158	Sabinene	ND	ND	0.00038	0.158
Geraniol	ND	ND	0.025	0.158	Sabinene Hydrate	ND	ND	0.0035	0.158
Geranyl Acetate	ND	ND	0.0070	0.26	α-Terpinene	ND	ND	0.00081	0.177
Guaiol	ND	ND	0.0041	0.177	γ-Terpinene	ND	ND	0.00087	0.158
α-Humulene	0.25	2.5	0.00080	0.158	α-Terpineol	0.0170	0.170	0.0035	0.158
Isoborneol	ND	ND	0.00080	0.158	Terpinolene	ND	ND	0.00139	0.177
Isopulegol	ND	ND	0.0071	0.158	Valencene	< LOQ	< LOQ	0.0067	0.158
Limonene	0.122	1.22	0.00088	0.158	Total	4.9	49		

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.

CERTIFICATE #: BK78228
 REVISION #: BK78228.1

DR.GANJA BERRY BLOSSOM

Batch ID:	D120919AO	Test ID:	6371732.008
Reported:	18-Dec-2019	Method:	TM16
Type:	Plant		
Test:	Pesticides		

PESTICIDE RESIDUE

Compound	Dynamic Range (ppb)	Result (ppb)	Compound	Dynamic Range (ppb)	Result (ppb)
Acephate	55 - 2544	ND*	Malathion	330 - 2544	ND*
Acetamiprid	55 - 2544	ND*	Metalaxyl	330 - 2544	ND*
Avermectin	330 - 2544	ND*	Methiocarb	55 - 2544	ND*
Azoxystrobin	55 - 2544	ND*	Methomyl	55 - 2544	ND*
Bifenazate	330 - 2544	ND*	MGK 264 1	330 - 2544	ND*
Boscalid	330 - 2544	ND*	MGK 264 2	330 - 2544	ND*
Carbaryl	55 - 2544	ND*	Myclobutanil	55 - 2544	ND*
Carbofuran	55 - 2544	ND*	Naled	330 - 2544	ND*
Chlorantraniliprole	330 - 2544	ND*	Oxamyl	55 - 2544	ND*
Chlorpyrifos	330 - 2544	ND*	Paclobutrazol	55 - 2544	ND*
Clofentezine	330 - 2544	ND*	Permethrin	330 - 2544	ND*
Diazinon	330 - 2544	ND*	Phosmet	330 - 2544	ND*
Dichlorvos	330 - 2544	ND*	Prophos	330 - 2544	ND*
Dimethoate	55 - 2544	ND*	Propoxur	55 - 2544	ND*
E-Fenproximate	330 - 2544	ND*	Pyridaben	55 - 2544	ND*
Etofenprox	55 - 2544	ND*	Spinosad A	55 - 2544	ND*
Etoxazole	55 - 2544	ND*	Spinosad D	55 - 2544	ND*
Fenoxycarb	330 - 2544	ND*	Spiromesifen	55 - 2544	ND*
Fipronil	330 - 2544	ND*	Spirotetramat	330 - 2544	ND*
Flonicamid	55 - 2544	ND*	Spiroxamine 1	55 - 2544	ND*
Fludioxonil	330 - 2544	ND*	Spiroxamine 2	55 - 2544	ND*
Hexythiazox	330 - 2544	ND*	Tebuconazole	330 - 2544	ND*
Imazalil	55 - 2544	ND*	Thiacloprid	55 - 2544	ND*
Imidacloprid	55 - 2544	ND*	Thiamethoxam	55 - 2544	ND*
Kresoxim-methyl	330 - 2544	ND*	Trifloxystrobin	55 - 2544	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 Berry Blossom
Steep Hill ID: BK78228
Batch ID: D120919AO
Sample Type: Flower
Date Received: 12/9/2019

Customer: Dr.Ganja

Microbial Impurities Results

12/11/2019

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: 12/11/2019

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CERTIFICATE #: BK78228
REVISION #: BK78228.1

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CERTIFICATE OF ANALYSIS

Sample Name: Dr.Ganja Berry Blossom
Steep Hill ID: BK78228
Batch ID: D120919AO
Sample Type: Flower
Date Received: 12/9/2019

Customer: Dr.Ganja

Mycotoxin Results

12/14/2019

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	4.6
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: 12/14/2019

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.

Dr.Ganja Berry Blossom

Sample ID: 1912CSALA1204.7657

Strain: Dr.Ganja Berry Blossom

Matrix: Plant

Type: Flower - Cured

Sample Size: 6 grams

Batch Size:

Batch#: D120919AO

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		84.370	Tested
Arsenic	0.001	0.01		0.019	Tested
Barium	0.001	0.01		37.804	Tested
Boron	0.001	0.01		138.880	Tested
Cadmium	0.001	0.01		0.030	Tested
Calcium	0.001	0.01		2847.418	Tested
Chromium	0.001	0.01		0.353	Tested
Cobalt	0.001	0.01		0.250	Tested
Copper	0.001	0.01		17.118	Tested
Iron	0.001	0.01		163.649	Tested
Lead	0.001	0.01		0.086	Tested
Lithium	0.001	0.01		0.138	Tested
Magnesium	0.001	0.01		4956.686	Tested
Manganese	0.001	0.01		244.094	Tested
Mercury	0.001	0.01		0.012	Tested
Molybdenum	0.001	0.01		0.112	Tested
Nickel	0.001	0.01		31.055	Tested
Phosphorus	0.001	0.01		6320.507	Tested
Potassium	0.001	0.01		13915.125	Tested
Selenium	0.001	0.01		0.018	Tested
Silver	0.001	0.01		<LOQ	Tested
Sodium	0.001	0.01		530.332	Tested
Strontium	0.001	0.01		49.718	Tested
Sulfur	0.001	0.01		ND	Tested
Tin	0.001	0.01		1.605	Tested
Vanadium	0.001	0.01		0.132	Tested
Zinc	0.001	0.01		66.649	Tested

Date Tested: 12/12/2019

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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