

Dr.Ganja Bubba Kush 3

Sample ID: 1911CSALA0409.4906

Strain: Dr. Ganja Bubba Kush 3

Matrix: Plant

Type: Flower - Cured

Sample Size: 1 grams

Batch Size:

Harvested: N/A

Collected: 11/18/2019

Received: 11/18/2019

Completed: 11/21/2019

Batch#: N111819AM

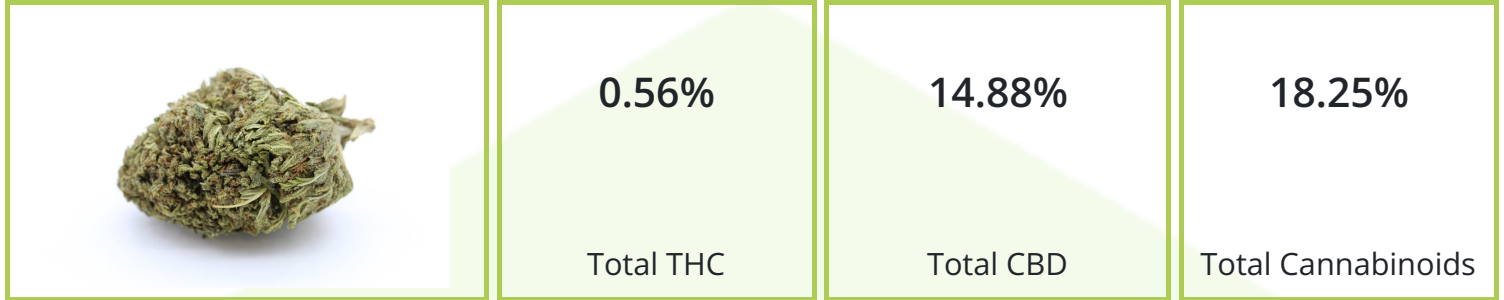
Client

Dr.Ganja

Lic. #

9190 W. Olympic Blvd


Beverly Hills, CA 90212



Cannabinoids

Testing method: HPLC-SOP 101

Pass

Analyte	LOD	LOQ	Mass	Mass	
	%	%	%	mg/g	
CBDa	0.00002	0.0001	16.48	164.79	
THCa	0.00002	0.0001	0.60	6.00	
CBGa	0.00002	0.0001	0.59	5.92	
CBD	0.00004	0.0001	0.43	4.30	
CBG	0.00004	0.0001	0.06	0.63	
CBC	0.00001	0.0001	0.06	0.57	
Δ9-THC	0.00004	0.0001	0.03	0.29	
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	
Total			18.25	182.50	

Date Tested: 11/21/2019

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;

6.6%
Moisture
Moisture Analyzer SOP-103
Date Tested: 11/19/2019


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



 Mallory Speakman
 Laboratory Director - LA
 11/21/2019



 Anya Engen
 Quality Review
 11/21/2019



 Musa Aman
 COA Review
 11/21/2019

CERTIFICATE OF ANALYSIS

Sample Name: Dr.Ganja Bubba Kush 3
 Steep Hill ID: BK77200
 Batch ID: N111819AM
 Sample Type: Flower
 Date Received: 11/18/2019

Customer: Dr.Ganja

Terpenoid Results - Extended Terpenes
11/26/2019

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	0.0023	0.077	Linalool	0.032	0.32	0.00094	0.077
endo-Borneol	< LOQ	< LOQ	0.000176	0.087	Menthol	ND	ND	0.00154	0.077
Camphene	ND	ND	0.00030	0.077	β -Myrcene	0.0178	0.178	0.00099	0.077
Camphor	ND	ND	0.00066	0.164	Nerol	ND	ND	0.0064	0.077
3-Carene	ND	ND	0.00031	0.077	cis-Nerolidol	ND	ND	0.0043	0.077
Caryophyllene Oxide	< LOQ	< LOQ	0.00070	0.077	trans-Nerolidol	ND	ND	0.0060	0.077
β -Caryophyllene	0.50	5.0	0.0025	0.077	cis- β -Ocimene	ND	ND	0.00138	0.058
α -Cedrene	ND	ND	0.00109	0.087	trans- β -Ocimene	ND	ND	0.00156	0.029
Cedrol	ND	ND	0.0041	0.077	α -Phellandrene	ND	ND	0.00090	0.077
Citronellol	ND	ND	0.0082	0.077	Phytol 1	ND	ND	0.00167	0.029
Eucalyptol	0.0086	0.086	0.00155	0.077	Phytol 2	ND	ND	0.00192	0.048
α -Farnesene	< LOQ	< LOQ	0.0110	0.026	α -Pinene	< LOQ	< LOQ	0.00026	0.087
β -Farnesene	0.027	0.27	0.0039	0.097	β -Pinene	< LOQ	< LOQ	0.000192	0.077
Fenchol	0.0087	0.087	0.00061	0.087	Pulegone	ND	ND	0.0022	0.077
Fenchone	ND	ND	0.00038	0.077	Sabinene	ND	ND	0.000184	0.077
Geraniol	ND	ND	0.0120	0.077	Sabinene Hydrate	< LOQ	< LOQ	0.00170	0.077
Geranyl Acetate	ND	ND	0.0034	0.126	α -Terpinene	ND	ND	0.00040	0.087
Guaiol	< LOQ	< LOQ	0.00199	0.087	γ -Terpinene	< LOQ	< LOQ	0.00043	0.077
α -Humulene	0.104	1.04	0.00039	0.077	α -Terpineol	0.0151	0.151	0.00173	0.077
Isoborneol	ND	ND	0.00039	0.077	Terpinolene	ND	ND	0.00068	0.087
Isopulegol	ND	ND	0.0035	0.077	Valencene	ND	ND	0.0033	0.077
Limonene	0.040	0.40	0.00043	0.077	Total	0.77	7.7		

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



Travis Ruthenburg
 Chief Science Officer
 Date: 11/26/2019

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 #: BK77200
 REVISION #: BK77200.1

DR.GANJA BUBBA KUSH 3


Batch ID:	N111819AM	Test ID:	4804945.0029
Reported:	24-Nov-2019	Method:	TM16
Type:	Plant		
Test:	Pesticides		

PESTICIDE RESIDUE

Compound	Dynamic Range (ppb)	Result (ppb)	Compound	Dynamic Range (ppb)	Result (ppb)
Acephate	52 - 2425	ND*	Malathion	314 - 2425	ND*
Acetamiprid	52 - 2425	ND*	Metalaxyl	314 - 2425	ND*
Avermectin	314 - 2425	ND*	Methiocarb	52 - 2425	ND*
Azoxystrobin	52 - 2425	ND*	Methomyl	52 - 2425	ND*
Bifenazate	314 - 2425	ND*	MGK 264 1	314 - 2425	ND*
Boscalid	314 - 2425	ND*	MGK 264 2	314 - 2425	ND*
Carbaryl	52 - 2425	ND*	Myclobutanil	52 - 2425	ND*
Carbofuran	52 - 2425	ND*	Naled	314 - 2425	ND*
Chlorantraniliprole	314 - 2425	ND*	Oxamyl	52 - 2425	ND*
Chlorpyrifos	314 - 2425	ND*	Paclobutrazol	52 - 2425	ND*
Clofentezine	314 - 2425	ND*	Permethrin	314 - 2425	ND*
Diazinon	314 - 2425	ND*	Phosmet	314 - 2425	ND*
Dichlorvos	314 - 2425	ND*	Prophos	314 - 2425	ND*
Dimethoate	52 - 2425	ND*	Propoxur	52 - 2425	ND*
E-Fenpyroximate	314 - 2425	ND*	Pyridaben	52 - 2425	ND*
Etofenprox	52 - 2425	ND*	Spinosad A	52 - 2425	ND*
Etoxazole	52 - 2425	ND*	Spinosad D	52 - 2425	ND*
Fenoxycarb	314 - 2425	ND*	Spiromesifen	52 - 2425	ND*
Fipronil	314 - 2425	ND*	Spirotetramat	314 - 2425	ND*
Flonicamid	52 - 2425	ND*	Spiroxamine 1	52 - 2425	ND*
Fludioxonil	314 - 2425	ND*	Spiroxamine 2	52 - 2425	ND*
Hexythiazox	314 - 2425	ND*	Tebuconazole	314 - 2425	ND*
Imazalil	52 - 2425	ND*	Thiacloprid	52 - 2425	ND*
Imidacloprid	52 - 2425	ND*	Thiamethoxam	52 - 2425	ND*
Kresoxim-methyl	314 - 2425	ND*	Trifloxystrobin	52 - 2425	ND*

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

N/A

FINAL APPROVAL


Chris Jungling
 24-Nov-2019
 7:15 AM

PREPARED BY / DATE



Mike Branvold
 24-Nov-2019
 4:46 PM

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 Bubba Kush 3
Steep Hill ID: BK77200
Batch ID: N111819AM
Sample Type: Flower
Date Received: 11/18/2019

Customer: Dr.Ganja

Microbial Impurities Results

11/20/2019

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: 11/21/2019

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CERTIFICATE #: BK77200
REVISION #: BK77200.1

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CERTIFICATE OF ANALYSIS

Sample Name: Dr.Ganja Bubba Kush 3
Steep Hill ID: BK77200
Batch ID: N111819AM
Sample Type: Flower
Date Received: 11/18/2019

Customer: Dr.Ganja

Mycotoxin Results

11/23/2019

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		1.41	4.7
Aflatoxin B2	ND		0.47	1.57
Aflatoxin G1	ND		1.41	4.7
Aflatoxin G2	ND		1.41	4.7
Ochratoxin A	ND	20	3.6	11.9
Total Aflatoxins	ND	20	1.41	4.7

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



Travis Ruthenburg
Chief Science Officer
Date: 11/23/2019

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CERTIFICATE #: BK77200
REVISION #: BK77200.1

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Dr.Ganja Bubba Kush 3

Sample ID: 1911CSALA0411.4904

Strain: Dr.Ganja Bubba Kush 3

Matrix: Plant

Type: Flower - Cured

Sample Size: 3 grams

Batch Size:

Harvested: N/A

Collected: 11/18/2019

Received: 11/18/2019

Completed: 11/25/2019

Batch#: N111819AM

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		117.922	Tested
Arsenic	0.001	0.01		0.036	Tested
Barium	0.001	0.01		132.064	Tested
Boron	0.001	0.01		81.465	Tested
Cadmium	0.001	0.01		0.233	Tested
Calcium	0.001	0.01		ND	Tested
Chromium	0.001	0.01		0.244	Tested
Cobalt	0.001	0.01		0.079	Tested
Copper	0.001	0.01		15.038	Tested
Iron	0.001	0.01		167.972	Tested
Lead	0.001	0.01		0.067	Tested
Lithium	0.001	0.01		0.121	Tested
Magnesium	0.001	0.01		3678.852	Tested
Manganese	0.001	0.01		198.960	Tested
Mercury	0.001	0.01		0.010	Tested
Molybdenum	0.001	0.01		0.173	Tested
Nickel	0.001	0.01		1.784	Tested
Phosphorus	0.001	0.01		8264.918	Tested
Potassium	0.001	0.01		23176.538	Tested
Selenium	0.001	0.01		0.033	Tested
Silver	0.001	0.01		0.017	Tested
Sodium	0.001	0.01		571.762	Tested
Strontium	0.001	0.01		100.162	Tested
Sulfur	0.001	0.01		ND	Tested
Tin	0.001	0.01		1.117	Tested
Vanadium	0.001	0.01		0.222	Tested
Zinc	0.001	0.01		69.124	Tested

Date Tested: 11/21/2019

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


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

 Mally Speakman
 Laboratory Director - LA
 11/25/2019

 Anya Engen
 Quality Review
 11/25/2019

 Amanda Bravo
 COA Review
 11/25/2019