

Dr.Ganja NY CBDiesel

Sample ID: 1911CSALA0169.4182

Strain: NY CBDiesel

Matrix: Plant

Type: Flower - Cured

Sample Size: 3 grams

Batch Size:

Harvested: N/A

Collected: 11/12/2019

Received: 11/12/2019

Completed: 11/15/2019

Batch#: N111219AK

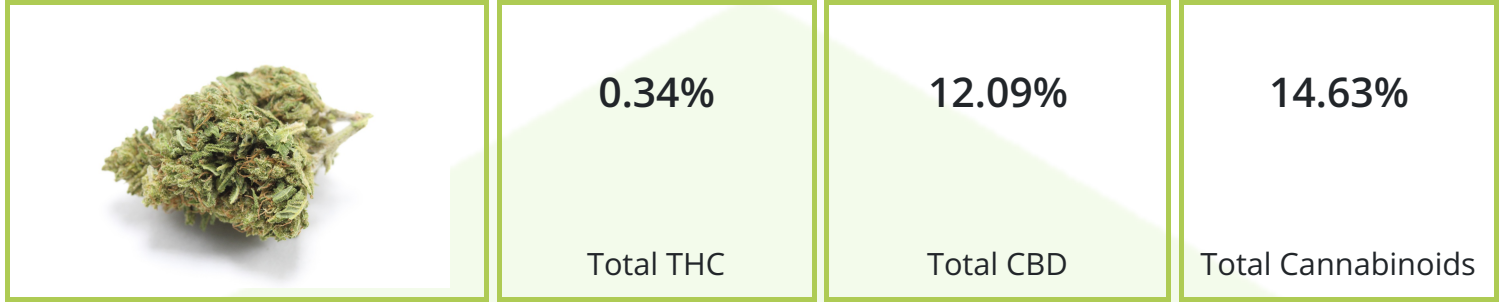
Client

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	13.63	136.26	
CBGa	0.00002	0.0001	0.43	4.33	
THCa	0.00002	0.0001	0.39	3.92	
CBD	0.00004	0.0001	0.14	1.44	
CBC	0.00001	0.0001	0.03	0.32	
CBDV	0.00001	0.0001	ND	ND	
CBG	0.00004	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			14.63	146.26	

Date Tested: 11/15/2019

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;

6.9%

Moisture

Moisture Analyzer SOP-103

Date Tested: 11/14/2019


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



 Mallory Speakman
 Laboratory Director - LA
 11/15/2019



 Anya Engen
 Quality Review
 11/15/2019



 Amanda Bravo
 COA Review
 11/15/2019

CERTIFICATE OF ANALYSIS

Sample Name: Dr.Ganja NY CBDiesel
 Steep Hill ID: BK77012
 Batch ID: N111219AK
 Sample Type: Flower
 Date Received: 11/14/2019

Customer: Dr.Ganja

Terpenoid Results - Extended Terpenes
11/18/2019

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	0.0117	0.117	0.0021	0.071	Linalool	0.035	0.35	0.00087	0.071
endo-Borneol	< LOQ	< LOQ	0.000162	0.080	Menthol	ND	ND	0.00142	0.071
Camphene	< LOQ	< LOQ	0.00028	0.071	β-Myrcene	0.94	9.4	0.00091	0.071
Camphor	ND	ND	0.00061	0.152	Nerol	ND	ND	0.0059	0.071
3-Carene	ND	ND	0.00028	0.071	cis-Nerolidol	ND	ND	0.0040	0.071
Caryophyllene Oxide	< LOQ	< LOQ	0.00065	0.071	trans-Nerolidol	0.0115	0.115	0.0055	0.071
β-Caryophyllene	0.28	2.8	0.0023	0.071	cis-β-Ocimene	ND	ND	0.00127	0.053
α-Cedrene	ND	ND	0.00101	0.080	trans-β-Ocimene	ND	ND	0.00144	0.027
Cedrol	ND	ND	0.0038	0.071	α-Phellandrene	ND	ND	0.00083	0.071
Citronellol	0.0110	0.110	0.0075	0.071	Phytol 1	ND	ND	0.00154	0.027
Eucalyptol	< LOQ	< LOQ	0.00143	0.071	Phytol 2	ND	ND	0.00177	0.045
α-Farnesene	0.0100	0.100	0.0102	0.024	α-Pinene	0.121	1.21	0.00024	0.080
β-Farnesene	0.023	0.23	0.0036	0.089	β-Pinene	0.048	0.48	0.000177	0.071
Fenchol	0.0092	0.092	0.00057	0.080	Pulegone	ND	ND	0.0021	0.071
Fenchone	ND	ND	0.00035	0.071	Sabinene	ND	ND	0.000170	0.071
Geraniol	ND	ND	0.0111	0.071	Sabinene Hydrate	< LOQ	< LOQ	0.00157	0.071
Geranyl Acetate	ND	ND	0.0032	0.116	α-Terpinene	ND	ND	0.00037	0.080
Guaiol	0.0161	0.161	0.00183	0.080	γ-Terpinene	< LOQ	< LOQ	0.00039	0.071
α-Humulene	0.068	0.68	0.00036	0.071	α-Terpineol	0.0133	0.133	0.00160	0.071
Isoborneol	ND	ND	0.00036	0.071	Terpinolene	< LOQ	< LOQ	0.00063	0.080
Isopulegol	ND	ND	0.0032	0.071	Valencene	ND	ND	0.0030	0.071
Limonene	0.054	0.54	0.00040	0.071	Total	1.65	16.5		

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



Travis Ruthenburg
 Chief Science Officer
 Date: 11/18/2019

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 #: BK77012
 REVISION #: BK77012.1

DR. GANJA NY CBDIESEL

Batch ID:	N111219AK	Test ID:	3050703.0036
Reported:	20-Nov-2019	Method:	TM16
Type:	Plant		
Test:	Pesticides		


PESTICIDE RESIDUE

Compound	Dynamic Range (ppb)	Result (ppb)	Compound	Dynamic Range (ppb)	Result (ppb)
Acephate	60 - 2788	ND*	Malathion	361 - 2788	ND*
Acetamiprid	60 - 2788	ND*	Metalaxyl	361 - 2788	ND*
Avermectin	361 - 2788	ND*	Methiocarb	60 - 2788	ND*
Azoxystrobin	60 - 2788	ND*	Methomyl	60 - 2788	ND*
Bifenazate	361 - 2788	ND*	MGK 264 1	361 - 2788	ND*
Boscalid	361 - 2788	ND*	MGK 264 2	361 - 2788	ND*
Carbaryl	60 - 2788	ND*	Myclobutanil	60 - 2788	ND*
Carbofuran	60 - 2788	ND*	Naled	361 - 2788	ND*
Chlorantraniliprole	361 - 2788	ND*	Oxamyl	60 - 2788	ND*
Chlorpyrifos	361 - 2788	ND*	Paclobutrazol	60 - 2788	ND*
Clofentezine	361 - 2788	ND*	Permethrin	361 - 2788	ND*
Diazinon	361 - 2788	ND*	Phosmet	361 - 2788	ND*
Dichlorvos	361 - 2788	ND*	Prophos	361 - 2788	ND*
Dimethoate	60 - 2788	ND*	Propoxur	60 - 2788	ND*
E-Fenproximate	361 - 2788	ND*	Pyridaben	60 - 2788	ND*
Etofenprox	60 - 2788	ND*	Spinosad A	60 - 2788	ND*
Etoxazole	60 - 2788	ND*	Spinosad D	60 - 2788	ND*
Fenoxycarb	361 - 2788	ND*	Spiromesifen	60 - 2788	ND*
Fipronil	361 - 2788	ND*	Spirotetramat	361 - 2788	ND*
Flonicamid	60 - 2788	ND*	Spiroxamine 1	60 - 2788	ND*
Fludioxonil	361 - 2788	ND*	Spiroxamine 2	60 - 2788	ND*
Hexythiazox	361 - 2788	ND*	Tebuconazole	361 - 2788	ND*
Imazalil	60 - 2788	ND*	Thiacloprid	60 - 2788	ND*
Imidacloprid	60 - 2788	ND*	Thiamethoxam	60 - 2788	ND*
Kresoxim-methyl	361 - 2788	ND*	Trifloxystrobin	60 - 2788	ND*

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

N/A

FINAL APPROVAL


 Alex Smith
 20-Nov-2019
 7:52 AM

PREPARED BY / DATE


 David Green
 20-Nov-2019
 8:11 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 NY CBDiesel
Steep Hill ID: BK77012
Batch ID: N111219AK
Sample Type: Flower
Date Received: 11/14/2019

Customer: Dr.Ganja

Microbial Impurities Results

11/16/2019

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: 11/18/2019

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CERTIFICATE #: BK77012
REVISION #: BK77012.1

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CERTIFICATE OF ANALYSIS

Sample Name: Dr.Ganja NY CBDiesel
Steep Hill ID: BK77012
Batch ID: N111219AK
Sample Type: Flower
Date Received: 11/14/2019

Customer: Dr.Ganja

Mycotoxin Results

11/16/2019

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		0.97	3.2
Aflatoxin B2	ND		0.97	3.2
Aflatoxin G1	ND		0.97	3.2
Aflatoxin G2	ND		0.97	3.2
Ochratoxin A	ND	20	4.5	15.1
Total Aflatoxins	ND	20	0.97	3.2

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



Travis Ruthenburg
Chief Science Officer
Date: 11/18/2019

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DR. GANJA NY CBDIESEL

Batch ID:	N111219AK	Test ID:	T000034369
Reported:	25-Nov-2019	Method:	Arsenic = Arsenic EPA 6020A (mod), Cadmium = Cadmium EPA 6020A (mod), Lead = Lead EPA 6020A (mod), Mercury = Mercury EPA 6020A (mod)
Type:	Plant		
Test:	Metals		

HEAVY METALS

Compound	Reporting Limit (ppm)	Result (ppm)
Arsenic	0.05	<0.05
Cadmium	0.05	0.17
Lead	0.05	0.25
Mercury	0.05	<0.05

FINAL APPROVAL

 Alex Smith
25-Nov-2019
2:00 PM

PREPARED BY / DATE

 David Green
25-Nov-2019
2:35 PM

APPROVED BY / DATE

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