

**CERTIFICATE OF ANALYSIS**Sample Name: Dr.Ganja Divine Goddess  
Steep Hill ID: BK75429  
Batch ID: O102319AE  
Sample Type: Flower  
Date Received: 10/23/2019

Customer: Dr.Ganja

**Cannabinoid Results – Extended Cannabinoids****10/25/2019**

Standard potency analysis utilizing High Performance Liquid Chromatography with Photo Diode Array Detector (HPLC-PDA; SOP-068)

Analyte	%	mg/g	% (Dry)	mg/g (Dry)	LOD mg/g	LOQ mg/g
CBC	0.042	0.42			0.0154	0.197
CBCA	0.48	4.8			0.0059	0.197
CBD	0.37	3.7			0.068	0.39
CBDA	12.0	120			0.022	0.197
CBDV	ND	ND			0.067	0.39
CBDVA	0.088	0.88			0.027	0.197
CBG	ND	ND			0.029	0.197
CBGA	0.40	4.0			0.023	0.197
CBLA	ND	ND			0.024	0.197
CBN	ND	ND			0.0075	0.197
CBNA	ND	ND			0.0067	0.197
THC	ND	ND			0.030	0.197
$\Delta$ 8-THC	ND	ND			0.060	0.39
THCA	0.42	4.2			0.031	0.197
THCV	ND	ND			0.043	0.39
THCVA	ND	ND			0.036	0.197
Total	13.8	138				

Total THC	Total CBD
0.37 %	10.9 %
3.7 mg/g	109 mg/g

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

Travis Ruthenburg  
Chief Science Officer  
Date: 10/25/2019

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**Terpenoid Results - Extended Terpenes**
**10/29/2019**

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	0.0186	0.186	0.0021	0.069	Linalool	0.061	0.61	0.00083	0.069
endo-Borneol	< LOQ	< LOQ	0.000156	0.077	Menthol	ND	ND	0.00137	0.069
Camphene	< LOQ	< LOQ	0.00027	0.069	β-Myrcene	0.86	8.6	0.00088	0.069
Camphor	ND	ND	0.00058	0.146	Nerol	ND	ND	0.0056	0.069
3-Carene	ND	ND	0.00027	0.069	cis-Nerolidol	ND	ND	0.0038	0.069
Caryophyllene Oxide	< LOQ	< LOQ	0.00063	0.069	trans-Nerolidol	0.0178	0.178	0.0053	0.069
β-Caryophyllene	0.47	4.7	0.0022	0.069	cis-β-Ocimene	ND	ND	0.00123	0.052
α-Cedrene	ND	ND	0.00097	0.077	trans-β-Ocimene	< LOQ	< LOQ	0.00139	0.026
Cedrol	ND	ND	0.0036	0.069	α-Phellandrene	ND	ND	0.00080	0.069
Citronellol	0.0100	0.100	0.0073	0.069	Phytol 1	ND	ND	0.00148	0.026
Eucalyptol	< LOQ	< LOQ	0.00137	0.069	Phytol 2	0.0125	0.125	0.00170	0.043
α-Farnesene	0.0063	0.063	0.0098	0.024	α-Pinene	0.28	2.8	0.00023	0.077
β-Farnesene	0.127	1.27	0.0035	0.086	β-Pinene	0.099	0.99	0.000170	0.069
Fenchol	0.0121	0.121	0.00055	0.077	Pulegone	ND	ND	0.00199	0.069
Fenchone	ND	ND	0.00034	0.069	Sabinene	ND	ND	0.000163	0.069
Geraniol	ND	ND	0.0107	0.069	Sabinene Hydrate	< LOQ	< LOQ	0.00151	0.069
Geranyl Acetate	ND	ND	0.0030	0.112	α-Terpinene	ND	ND	0.00035	0.077
Guaiol	0.031	0.31	0.00177	0.077	γ-Terpinene	< LOQ	< LOQ	0.00038	0.069
α-Humulene	0.154	1.54	0.00035	0.069	α-Terpineol	0.0199	0.199	0.00154	0.069
Isoborneol	ND	ND	0.00035	0.069	Terpinolene	< LOQ	< LOQ	0.00061	0.077
Isopulegol	ND	ND	0.0031	0.069	Valencene	< LOQ	< LOQ	0.0029	0.069
Limonene	0.079	0.79	0.00039	0.069	Total	2.3	23		

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**Dr.Ganja Divine Goddess**

<b>Batch ID:</b>	O102319AE	<b>Test ID:</b>	8193403.006
<b>Reported:</b>	1-Nov-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	44 - 2022	ND*	Malathion	262 - 2022	ND*
Acetamiprid	44 - 2022	ND*	Metalaxyl	262 - 2022	ND*
Avermectin	262 - 2022	ND*	Methiocarb	44 - 2022	ND*
Azoxystrobin	44 - 2022	ND*	Methomyl	44 - 2022	ND*
Bifenazate	262 - 2022	ND*	MGK 264 1	262 - 2022	ND*
Boscalid	262 - 2022	ND*	MGK 264 2	262 - 2022	ND*
Carbaryl	44 - 2022	ND*	Myclobutanil	44 - 2022	ND*
Carbofuran	44 - 2022	ND*	Naled	262 - 2022	ND*
Chlorantraniliprole	262 - 2022	ND*	Oxamyl	44 - 2022	ND*
Chlorpyrifos	262 - 2022	ND*	Paclobutrazol	44 - 2022	ND*
Clofentezine	262 - 2022	ND*	Permethrin	262 - 2022	ND*
Diazinon	262 - 2022	ND*	Phosmet	262 - 2022	ND*
Dichlorvos	262 - 2022	ND*	Prophos	262 - 2022	ND*
Dimethoate	44 - 2022	ND*	Propoxur	44 - 2022	ND*
E-Fenpyroximate	262 - 2022	ND*	Pyridaben	44 - 2022	ND*
Etofenprox	44 - 2022	ND*	Spinosad A	44 - 2022	ND*
Etoxazole	44 - 2022	ND*	Spinosad D	44 - 2022	ND*
Fenoxycarb	262 - 2022	ND*	Spiromesifen	44 - 2022	ND*
Fipronil	262 - 2022	ND*	Spirotetramat	262 - 2022	ND*
Flonicamid	44 - 2022	ND*	Spiroxamine 1	44 - 2022	ND*
Fludioxonil	262 - 2022	ND*	Spiroxamine 2	44 - 2022	ND*
Hexythiazox	262 - 2022	ND*	Tebuconazole	262 - 2022	ND*
Imazalil	44 - 2022	ND*	Thiacloprid	44 - 2022	ND*
Imidacloprid	44 - 2022	ND*	Thiamethoxam	44 - 2022	ND*
Kresoxim-methyl	262 - 2022	ND*	Trifloxystrobin	44 - 2022	ND*

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

N/A

**FINAL APPROVAL**

  
 Sam Smith  
 1-Nov-2019  
 8:56 AM  
 PREPARED BY / DATE

  
 Greg Zimpfer  
 1-Nov-2019  
 9:44 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.

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Customer: Dr.Ganja

## Microbial Impurities Results

10/28/2019

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

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## Mycotoxin Results

10/26/2019

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		1.23	4.1
Aflatoxin B2	ND		1.23	4.1
Aflatoxin G1	ND		1.23	4.1
Aflatoxin G2	ND		1.23	4.1
Ochratoxin A	ND	20	2.5	8.4
Total Aflatoxins	ND	20	1.23	4.1

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## Heavy Metals Results

10/25/2019

Heavy metals analysis utilizing Inductively Coupled Plasma Mass Spectrometry (ICP-MS; SOP-072) - **Limit units: µg/g**

Analyte	µg/g	Limit	LOD µg/g	LOQ µg/g
Arsenic	< LOQ	0.2	0.0070	0.020
Cadmium	0.068	0.2	0.0070	0.022
Lead	0.040	0.5	0.0035	0.0114
Mercury	ND	0.1	0.0053	0.0158

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