

Dr.Ganja Hawaiian Haze UT

Sample ID: 2001CSALA2272.0538

Strain: Hawaiian Haze UT

Matrix: Plant

Type: Flower - Cured

Sample Size:

Batch Size:

Batch#: J010920AW

Harvested: N/A

Collected: 01/10/2020

Received: 01/10/2020

Completed: 01/16/2020

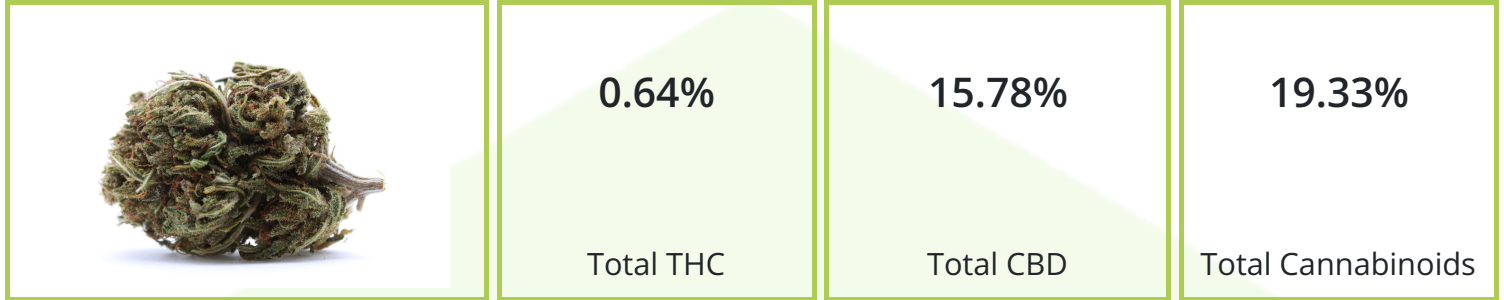
Client

Dr.Ganja

Lic. #

9190 W. Olympic Blvd


Beverly Hills, CA 90212



Cannabinoids

Testing method: HPLC-SOP 101

Pass

Analyte	LOD	LOQ	Results	Results	
	%	%	%	mg/g	
CBDa	0.00002	0.0001	17.57	175.74	
THCa	0.00002	0.0001	0.67	6.70	
CBGa	0.00002	0.0001	0.60	5.99	
CBD	0.00004	0.0001	0.37	3.69	
Δ9-THC	0.00004	0.0001	0.05	0.51	
CBC	0.00001	0.0001	0.04	0.42	
CBG	0.00004	0.0001	0.03	0.28	
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			19.33	193.33	

Date Tested: 01/14/2020

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;

10.0%

Moisture

Moisture Analyzer SOP-103

Date Tested: 01/13/2020


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



 Mallory Speakman
 Laboratory Director - LA
 01/16/2020



 Anya Engen
 Quality Review
 01/16/2020



 Dave Butterfield
 COA Review
 01/16/2020

CERTIFICATE OF ANALYSIS

Sample Name: Dr.Ganja Hawaiian Haze UT
 Steep Hill ID: BK79959
 Batch ID: J010920AW
 Sample Type: Flower
 Date Received: 1/13/2020

Customer: Dr.Ganja

Terpenoid Results - Extended Terpenes
1/17/2020

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	0.0201	0.201	0.00349	0.171	Linalool	0.0265	0.265	0.0184	0.190
endo-Borneol	ND	ND	0.0000871	0.152	Menthol	ND	ND	0.00131	0.190
Camphene	ND	ND	0.000349	0.190	β-Myrcene	1.52	15.2	0.00471	0.171
Camphor	ND	ND	0.000533	0.322	Nerol	ND	ND	0.0870	0.190
3-Carene	ND	ND	0.000688	0.190	cis-Nerolidol	ND	ND	0.00760	0.190
Caryophyllene Oxide	ND	ND	0.000883	0.171	trans-Nerolidol	ND	ND	0.0166	0.152
β-Caryophyllene	0.167	1.67	0.00175	0.190	cis-β-Ocimene	< LOQ	< LOQ	0.00803	0.569
α-Cedrene	ND	ND	0.000344	0.152	trans-β-Ocimene	ND	ND	0.00780	0.284
Cedrol	ND	ND	0.00610	0.190	α-Phellandrene	ND	ND	0.00127	0.171
Citronellol	ND	ND	0.0222	0.152	Phytol 1	ND	ND	0.0262	0.246
Eucalyptol	ND	ND	0.00130	0.190	Phytol 2	ND	ND	0.0531	0.569
α-Farnesene	ND	ND	0.0416	0.202	α-Pinene	0.269	2.69	0.000113	0.152
β-Farnesene	ND	ND	0.0697	0.721	β-Pinene	0.0748	0.748	0.000116	0.152
Fenchol	< LOQ	< LOQ	0.000265	0.152	Pulegone	ND	ND	0.00411	0.152
Fenchone	ND	ND	0.000295	0.171	Sabinene	ND	ND	0.000131	0.152
Geraniol	ND	ND	0.121	0.777	Sabinene Hydrate	ND	ND	0.00166	0.152
Geranyl Acetate	ND	ND	0.0233	0.853	α-Terpinene	ND	ND	0.000870	0.152
Guaiol	0.0736	0.736	0.00103	0.152	γ-Terpinene	ND	ND	0.000727	0.152
α-Humulene	0.0290	0.290	0.000140	0.152	α-Terpineol	0.0154	0.154	0.00142	0.152
Isoborneol	ND	ND	0.000459	0.190	Terpinolene	ND	ND	0.00184	0.152
Isopulegol	ND	ND	0.00444	0.171	Valencene	ND	ND	0.00220	0.171
Limonene	0.0672	0.672	0.000853	0.152	Total	2.27	22.7		

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



Leah Shaffer
 Chief Science Officer
 Date: 1/22/2020

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 HAWAIIAN HAZE UT

Batch ID:	J010920AW	Test ID:	7788419.009
Reported:	17-Jan-2020	Method:	TM16
Type:	Plant		
Test:	Pesticides		

PESTICIDE RESIDUE

Compound	Dynamic Range (ppb)	Result (ppb)	Compound	Dynamic Range (ppb)	Result (ppb)
Acephate	55 - 2524	ND*	Malathion	327 - 2524	ND*
Acetamiprid	55 - 2524	ND*	Metalaxyl	327 - 2524	ND*
Avermectin	327 - 2524	ND*	Methiocarb	55 - 2524	ND*
Azoxystrobin	55 - 2524	ND*	Methomyl	55 - 2524	ND*
Bifenazate	327 - 2524	ND*	MGK 264 1	327 - 2524	ND*
Boscalid	327 - 2524	ND*	MGK 264 2	327 - 2524	ND*
Carbaryl	55 - 2524	ND*	Myclobutanil	55 - 2524	ND*
Carbofuran	55 - 2524	ND*	Naled	327 - 2524	ND*
Chlorantraniliprole	327 - 2524	ND*	Oxamyl	55 - 2524	ND*
Chlorpyrifos	327 - 2524	ND*	Paclobutrazol	55 - 2524	ND*
Clofentezine	327 - 2524	ND*	Permethrin	327 - 2524	ND*
Diazinon	327 - 2524	ND*	Phosmet	327 - 2524	ND*
Dichlorvos	327 - 2524	ND*	Prophos	327 - 2524	ND*
Dimethoate	55 - 2524	ND*	Propoxur	55 - 2524	ND*
E-Fenpyroximate	327 - 2524	ND*	Pyridaben	55 - 2524	ND*
Etofenprox	55 - 2524	ND*	Spinosad A	55 - 2524	ND*
Etoxazole	55 - 2524	ND*	Spinosad D	55 - 2524	ND*
Fenoxycarb	327 - 2524	ND*	Spiromesifen	55 - 2524	ND*
Fipronil	327 - 2524	ND*	Spirotetramat	327 - 2524	ND*
Flonicamid	55 - 2524	ND*	Spiroxamine 1	55 - 2524	ND*
Fludioxonil	327 - 2524	ND*	Spiroxamine 2	55 - 2524	ND*
Hexythiazox	327 - 2524	ND*	Tebuconazole	327 - 2524	ND*
Imazalil	55 - 2524	ND*	Thiacloprid	55 - 2524	ND*
Imidacloprid	55 - 2524	ND*	Thiamethoxam	55 - 2524	ND*
Kresoxim-methyl	327 - 2524	ND*	Trifloxystrobin	55 - 2524	ND*


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

N/A

FINAL APPROVAL

 Alex Smith
 17-Jan-2020
 7:19 AM

PREPARED BY / DATE

 Greg Zimpfer
 17-Jan-2020
 12:37 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 Hawaiian Haze UT
Steep Hill ID: BK79959
Batch ID: J010920AW
Sample Type: Flower
Date Received: 1/13/2020

Customer: Dr.Ganja

Microbial Impurities Results

1/22/2020

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



Leah Shaffer
Chief Science Officer
Date: 1/22/2020

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CERTIFICATE #: BK79959
REVISION #: BK79959.1

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CERTIFICATE OF ANALYSIS

Sample Name: Dr.Ganja Hawaiian Haze UT
Steep Hill ID: BK79959
Batch ID: J010920AW
Sample Type: Flower
Date Received: 1/13/2020

Customer: Dr.Ganja

Mycotoxin Results

1/15/2020

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		1.37	4.6
Aflatoxin B2	ND		0.57	1.90
Aflatoxin G1	ND		0.57	1.90
Aflatoxin G2	ND		1.37	4.6
Ochratoxin A	ND	20	2.9	9.5
Total Aflatoxins	ND	20	1.37	4.6

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



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Chief Science Officer
Date: 1/16/2020

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REVISION #: BK79959.1

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Dr.Ganja Hawaiian Haze UT

Sample ID: 2001CSALA2271.0536

Strain: Dr.Ganja Hawaiian Haze

Matrix: Plant

Client

Type: Flower - Cured

Harvested: N/A

Dr.Ganja

Sample Size: 10 grams

Collected: 01/10/2020

Lic. #

Batch Size:

Received: 01/10/2020

9190 W. Olympic Blvd

Batch#: J010920AW

Completed: 01/16/2020

Beverly Hills, CA 90212

Nutrient Analysis

Pass

Testing method: ICPMS-SOP 501

Analyte	LOD	LOQ	Limit	Results	Status
	µg/g	µg/g	µg/g	µg/g	
Aluminum	0.001	0.01		63.010	Tested
Arsenic	0.001	0.01		0.057	Tested
Barium	0.001	0.01		48.363	Tested
Boron	0.001	0.01		102.808	Tested
Cadmium	0.001	0.01		<LOQ	Tested
Calcium	0.001	0.01		2777.949	Tested
Chromium	0.001	0.01		0.108	Tested
Cobalt	0.001	0.01		0.053	Tested
Copper	0.001	0.01		19.586	Tested
Iron	0.001	0.01		126.832	Tested
Lead	0.001	0.01		0.734	Tested
Lithium	0.001	0.01		0.071	Tested
Magnesium	0.001	0.01		3632.123	Tested
Manganese	0.001	0.01		145.664	Tested
Mercury	0.001	0.01		<LOQ	Tested
Molybdenum	0.001	0.01		0.287	Tested
Nickel	0.001	0.01		4.360	Tested
Phosphorus	0.001	0.01		2652.144	Tested
Potassium	0.001	0.01		48057.840	Tested
Selenium	0.001	0.01		0.021	Tested
Silver	0.001	0.01		<LOQ	Tested
Sodium	0.001	0.01		579.627	Tested
Strontium	0.001	0.01		95.019	Tested
Tin	0.001	0.01		1.046	Tested
Vanadium	0.001	0.01		0.158	Tested
Zinc	0.001	0.01		57.176	Tested

Date Tested: 01/14/2020

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


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 Mally Speakman
 Laboratory Director - LA
 01/16/2020

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 COA Review
 01/16/2020