Groove, LLC

Sample: 2202FID0468.3004

Strain: Obama Kush
Batch #: 1; Lot #:
METRC Batch: 1A408010000CABD000000315; METRC Sample: 1A408010000CABD000000353
Analysis Initiated: 02/08/2022; Report Created: 02/10/2022
Sampling SOP: SOP-0050

Obama Kush Flower HB5

Plant, Flower - Cured, Indoor
Harvest/Production Date: 01/04/2022

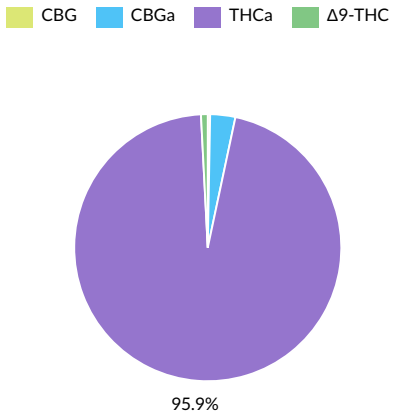
16.43% Total Potential Psychoactive THC	**<LOQ** Total CBD	**Pass** Foreign Matter	
18.71% Total Raw THC	**19.35%** Total Cannabinoids	**Pass** *11.51%* Moisture	

Cannabinoids

Pass

Analytical Calibration Batch: Cannabinoids AF 01042022

Analyte	LOQ	Mass	Mass
	%	%	mg/g
THCa	0.05	18.55	185.5
Δ9-THC	0.05	0.16	1.6
Δ8-THC	0.05	ND	ND
THCV	0.05	ND	ND
CBDa	0.05	<LOQ	<LOQ
CBD	0.05	ND	ND
CBN	0.05	ND	ND
CBGa	0.05	0.59	5.9
CBG	0.05	0.06	0.6
CBC	0.05	ND	ND
Total		**19.35**	**193.5**



Total Potential Psychoactive THC = THCa * 0.877 + d9-THC
Total CBD = CBDa * 0.877 + CBD
LOQ = Limit of Quantitation; NT = Not Tested; NR = Not Reported; ND = None Detected; PPM = Parts per Million; PPB = Parts per Billion; Unless otherwise stated all quality control samples performed within specifications established by the Laboratory.
SOP-0037; Full spectrum cannabinoid analysis by High Performance Liquid Chromatography with UV detection (HPLC-UV). Reported result is based on sample dry weight.
SOP-0035; Foreign matter inspection includes but is not limited to hair, insects, stems, and feces. Filth is inspected using a M16-209 stereoscope. Stem measurements are performed using fisher calipers.
SOP-0036; Moisture analysis is performed using a Shimadzu moisture analyzer MOC63u UL.

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Missoula, MT 59808
(406) 926-2211
http://www.fidimt.com
License # L-100170-003

Accredited to ISO/IEC 17025:2017
Accreditation #: 102722

Andre Umansky
Laboratory Director

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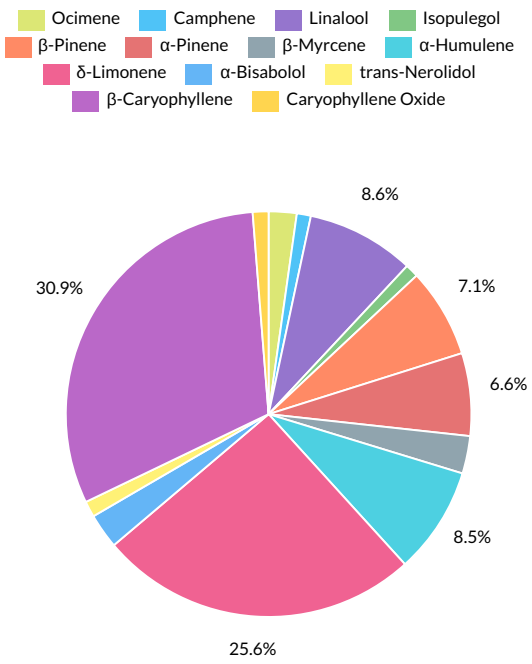
Terpenes

Analytical Calibration Batch: Terpenes 01252022

Analyte	LOQ	Mass	Mass
	%	%	mg/g
β-Caryophyllene	0.008	0.533	5.33
δ-Limonene	0.008	0.441	4.41
Linalool	0.008	0.149	1.49
α-Humulene	0.008	0.147	1.47
β-Pinene	0.008	0.123	1.23
α-Pinene	0.008	0.114	1.14
β-Myrcene	0.008	0.052	0.52
α-Bisabolol	0.008	0.048	0.48
Ocimene	0.008	0.039	0.39
trans-Nerolidol	0.008	0.022	0.22
Caryophyllene Oxide	0.008	0.022	0.22
Camphene	0.008	0.019	0.19
Isopulegol	0.008	0.018	0.18
α-Terpinene	0.008	ND	ND
cis-Nerolidol	0.008	ND	ND
δ-3-Carene	0.008	ND	ND
Eucalyptol	0.008	ND	ND
γ-Terpinene	0.008	ND	ND
Geraniol	0.008	ND	ND
Guaiol	0.008	ND	ND
p-Cymene	0.008	ND	ND
Terpinolene	0.008	ND	ND
Total		**1.727**	**17.27**



Primary Aromas

Cinnamon | Orange | Lavender | Hops | Pine

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Residual Solvents

Not Tested

Analytical Calibration Batch:

Analyte	LOQ	State Limits	Mass	Status

Analyte	LOQ	State Limits	Mass	Status

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SOP-0056; A wide spectrum analysis of Residual Solvents using Gas Chromatography Mass Spectrometry (Thermo Scientific ISQ7000 GCMS).

Mycotoxins

Pass

Analytical Calibration Batch: 02/08/2022

Analyte	LOQ	State Limit	Mass	Status
	PPB	PPB	PPB	
Ochratoxin A	12	20	ND	Pass
Total Aflatoxins	20	20	ND	Pass

LOQ = Limit of Quantitation; The reported result is based on a sample weight with the applicable moisture content for that sample; Unless otherwise stated all quality control samples performed within specifications established by the Laboratory. SOP-0048; Mycotoxin screening is performed using Sciex 6500+ LCMSMS with Exion XR front HPLC.

Microbials

Pass

Analyte	Limit	Mass	Status
	CFU/g	CFU/g	
Aerobic Bacteria	100000	NR	NT
Aspergillus	1	NR	NT
Aspergillus flavus	1	NR	NT
Aspergillus fumigatus	1	NR	NT
Aspergillus niger	1	NR	NT
Aspergillus terreus	1	NR	NT
Bile-Tolerant Gram-Negative Bacteria	10000	NR	NT
E. Coli	1	ND	Pass
Mold	10000	ND	Pass
Salmonella		ND	Pass

LOQ = Limit of Quantitation; TNTC = Too Numerous to Count; Unless otherwise stated all quality control samples performed within specifications established by the Laboratory. SOP-0057: E.Coli, and Salmonela analysis on AriaDX qPCR using Medicinal Genomics validated methods. SOP-0061: Mold enumeration using Hardy Diagnostics media. SOP-0063: Aspergillus species specific analysis on AriaDX qPCR using Medicinal Genomics validated methods.

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Harvest/Production Date: 01/04/2022

Pesticides

Pass

Analytical Calibration Batch: 02/08/2022

Analyte	LOQ	State Limit	Expanded Limit	Mass	Status
	PPM	PPM	PPM	PPM	
Abamectin	0.12	0.5	0.5	ND	Pass
Acequinocyl	0.12	2	2	ND	Pass
Bifenazate	0.12	0.2	0.2	ND	Pass
Bifenthrin	0.12	0.2	0.2	ND	Pass
Chlormequat	0.12	1	1	ND	Pass
Cyfluthrin	0.12	1	1	ND	Pass
Daminozide	0.12	1	1	ND	Pass
Etoxazole	0.12	0.2	0.2	ND	Pass
Fenoxycarb	0.12	0.2	0.2	ND	Pass
Imazalil	0.12	0.2	0.2	ND	Pass
Imidacloprid	0.12	0.4	0.4	ND	Pass
Myclobutanil	0.12	0.2	0.2	ND	Pass
Paclobutrazol	0.12	0.4	0.4	ND	Pass
Pyrethrins	0.12	1	1	ND	Pass
Spinosad	0.12	0.2	0.2	ND	Pass
Spirotetramat	0.12	0.2	0.2	ND	Pass
Trifloxystrobin	0.12	0.2	0.2	ND	Pass

LOQ = Limit of Quantitation; The reported result is based on a sample weight with the applicable moisture content for that sample; Unless otherwise stated all quality control samples performed within specifications established by the Laboratory. SOP-0048; Pesticide screening is performed using Sciex 6500+ LCMSMS with Exion XR front HPLC.

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