



Certificate of Analysis

Groove Solventless

Sample: 2404FID1924.12793

Strain: Black Maple

Batch #: D; Lot #:

METRC Batch: 1A4080100013EC1000002306; METRC Sample: 1A4080100013EC1000002321

Analysis Initiated: 04/11/2024; Report Created: 04/15/2024

Sampling SOP: SOP-0050

Black Maple Liquid Flower (4.10.24)

Ingestible, Tincture, Other

Harvest/Production Date: 04/10/2024



97.17 mg/unit

Total Potential
Psychoactive THC

2.15 mg/unit

Total CBD

Not Tested

Foreign Matter

97.17 mg/unit

Total Raw THC

107.87 mg/unit

Total Cannabinoids

Not Tested

NT

Moisture

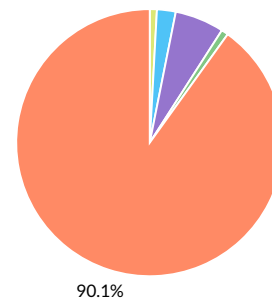
Cannabinoids

Pass

Analytical Calibration Batch: Cannabinoids AF 03132024

Analyte	LOQ	Mass	Mass
	mg/unit	mg/unit	mg/g
THCa	0.01	ND	ND
Δ9-THC	0.01	97.17	16.30
Δ8-THC	0.01	ND	ND
THCVa	0.01	ND	ND
THCV	0.01	ND	ND
CBDa	0.01	2.45	0.41
CBD	0.01	ND	ND
CBN	0.01	ND	ND
CBGa	0.01	0.91	0.15
CBG	0.01	6.42	1.08
CBC	0.01	0.93	0.16
Total		107.87	18.09

CBC CBDa CBG CBGa
Δ9-THC



1 Unit = 1 Bottle, 5.9627g

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. Testing listed above may not be included in our current PJLA scope of accreditation. Please consult PJLA Certificate# 102722 for a list of current accredited tests.



Fidelity Diagnostics Laboratory
216 Trade St.
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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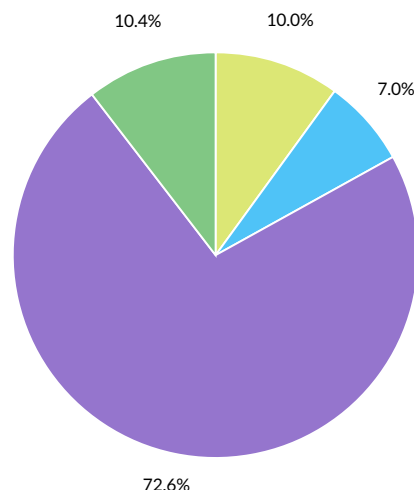


Terpenes

Analytical Calibration Batch: Terpenes 03202024

Analyte	LOQ	Mass	Mass
	%	%	mg/g
β-Pinene	0.008	0.182	1.82
δ-Limonene	0.008	0.026	0.26
α-Pinene	0.008	0.025	0.25
β-Caryophyllene	0.008	0.017	0.17
α-Bisabolol	0.008	ND	ND
α-Humulene	0.008	ND	ND
α-Terpinene	0.008	ND	ND
β-Myrcene	0.008	ND	ND
Camphene	0.008	ND	ND
Caryophyllene Oxide	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
Isopulegol	0.008	ND	ND
Linalool	0.008	ND	ND
Ocimene	0.008	ND	ND
p-Cymene	0.008	ND	ND
Terpinolene	0.008	ND	ND
trans-Nerolidol	0.008	ND	ND
Total		0.250	2.50

α-Pinene β-Caryophyllene β-Pinene δ-Limonene



Primary Aromas



Pine



Lemon



Cinnamon

LOQ = Limit of Quantitation; NT = Not Tested; NR = Not Reported; ND = None Detected; PPM = Parts per Million; PPB = Parts per Billion; 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-0044; Terpenoid profile screen is performed using a Thermo Scientific TRACE 1300 Gas Chromatography instrument equipped with a Flame Ionization Detector (GC-FID).



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

Mycotoxins

Not Tested

Analytical Calibration Batch:

Analyte	LOQ	State Limit	Mass	Status
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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	
Mold	10000	NR	NT
Aspergillus flavus	Not Detected in 1.0g	ND	Pass
Aspergillus fumigatus	Not Detected in 1.0g	ND	Pass
Aspergillus niger	Not Detected in 1.0g	ND	Pass
Aspergillus terreus	Not Detected in 1.0g	ND	Pass
Salmonella	Not Detected in 1.0g	ND	Pass
STEC	Not Detected in 1.0g	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: STEC and Salmonella analysis on AriaDX qPCR using Medicinal Genomics validated methods. SOP-0063: Aspergillus species specific analysis on AriaDX qPCR using Medicinal Genomics validated methods. SOP-0061: Mold enumeration using Hardy Diagnostics media.



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