



Certificate of Analysis

Groove Solventless

Sample: 2405FID2594.17218

Strain: Motorbreath 15

Batch #: 1; Lot #:

METRC Batch: 1A4080100013EC1000002155; METRC Sample: 1A4080100013EC1000002664

Analysis Initiated: 05/16/2024; Report Created: 05/20/2024

Sampling SOP: SOP-0050

Motorbreath 15 Flower PreRolls (HB57)

Plant, Preroll, Indoor

Harvest/Production Date: 02/13/2024



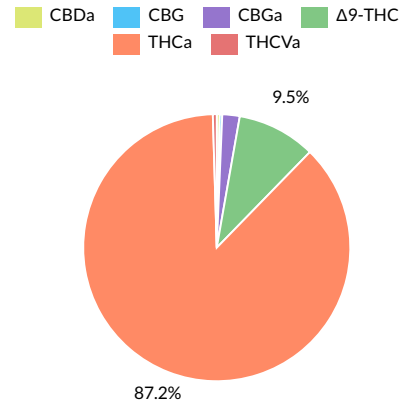
	21.30% Total Potential Psychoactive THC	0.08% Total CBD	Pass Foreign Matter
	23.96% Total Raw THC	24.76% Total Cannabinoids	Pass 10.28% Moisture

Cannabinoids

Pass

Analytical Calibration Batch: Cannabinoids AF 04252024

Analyte	LOQ	Mass	Mass
	%	%	mg/g
THCa	0.05	21.60	216.0
Δ 9-THC	0.05	2.36	23.6
Δ 8-THC	0.05	ND	ND
THCVa	0.05	0.12	1.2
THCV	0.05	ND	ND
CBDa	0.05	0.09	0.9
CBD	0.05	ND	ND
CBN	0.05	ND	ND
CBGa	0.05	0.52	5.2
CBG	0.05	0.07	0.7
CBC	0.05	<LOQ	<LOQ
Total		24.76	247.6



Total Potential Psychoactive THC = THCa * 0.877 + Δ 9-THC | Total CBD = CBDa * 0.877 + CBD

LOQ = Limit of Quantitation; NT = Not Tested; NR = Not Reported; ND = None Detected.

SOP-0041: 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, seeds, and feces. SOP-0036: Moisture analysis. 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
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License # L-100170-003



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

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Testing performed onsite at Fidelity Diagnostics using valid testing methodologies and a quality system as required by state law. Fidelity Diagnostics makes no claims as to the efficacy, safety or other risks associated with any detected or non-detected levels of any compounds reported herein. Results valid only for item tested. Unless otherwise stated all quality control samples performed within specifications established by the Laboratory. Certificate shall not be reproduced, without written approval by the laboratory. Quality and uncertainty data available upon request. Sample conformity is set by the state of Montana Version No. 001



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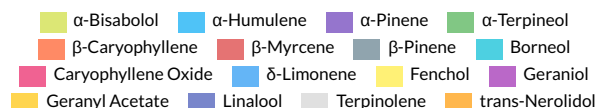
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Terpenes


Analytical Calibration Batch: Terpenes 05092024


Analyte	LOQ	Mass	Mass
	%	%	mg/g
β-Caryophyllene	0.008	0.633	6.33
δ-Limonene	0.008	0.316	3.16
β-Myrcene	0.008	0.314	3.14
α-Humulene	0.008	0.212	2.12
Linalool	0.008	0.109	1.09
α-Bisabolol	0.008	0.085	0.85
trans-Nerolidol	0.008	0.057	0.57
α-Terpineol	0.005	0.053	0.53
β-Pinene	0.008	0.052	0.52
Fenchol	0.003	0.051	0.51
Geraniol	0.008	0.031	0.31
Geranyl Acetate	0.003	0.022	0.22
α-Pinene	0.008	0.019	0.19
Caryophyllene Oxide	0.008	0.019	0.19
Borneol	0.003	0.016	0.16
Terpinolene	0.008	0.008	0.08
α-Phellandrene	0.003	ND	ND
α-Terpinene	0.008	ND	ND
Camphene	0.008	<LOQ	<LOQ
cis-Nerolidol	0.008	ND	ND
δ-3-Carene	0.008	ND	ND
Eucalyptol	0.008	ND	ND
γ-Terpinene	0.008	ND	ND
Guaiol	0.008	ND	ND
Isopulegol	0.008	ND	ND
Ocimene	0.008	ND	ND
p-Cymene	0.008	ND	ND
Total		1.997	19.97





Primary Aromas


Cinnamon


Lemon


Hops


Lavender


Chamomile

LOQ = Limit of Quantitation; NT = Not Tested; NR = Not Reported; ND = None Detected. Results based on dry weight. SOP-0037; GC-FID Analysis of Terpenes in Cannabis and Cannabis Products. 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.



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Plant, Preroll, Indoor

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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; NT = Not Tested; NR = Not Reported; ND = None Detected. PPM = Parts per Million. SOP-0060; A mass spectrum analysis of Residual Solvents using Gas Chromatography Mass Spectrometry (Thermo Scientific ISQ7000 GCMS).

Mycotoxins

Pass

Analytical Calibration Batch: 05/09/2024

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

Microbials

Pass

Analyte	Limit	Mass	Status
	CFU/g	CFU/g	
	10000	NR	NT
Mold	Not Detected in 1.0g	ND	Pass
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; NT = Not Tested; NR = Not Reported; ND = None Detected. PPB = Parts per Billion. SOP-0042; Pesticide & Mycotoxin screening is performed using Sciex 6500+ LCMSMS with Exion XR front HPLC.

NT = Not Tested; NR = Not Reported; ND = None Detected. TNTC = Too Numerous to Count; SOP-0058: 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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Pesticides

Pass

Analytical Calibration Batch: 05/09/2024

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
Chloromequat chloride	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

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