



Groove, LLC

Sample: 2202FID0597.3719

Strain: Logjam

Batch #: A; Lot #:

METRC Batch: 1A408010000E4E9000000378; METRC Sample: 1A408010000E4E9000000392

Analysis Initiated: 02/18/2022; Report Created: 02/22/2022

Sampling SOP: SOP-0050

Logjam Live Rosin Oil (H6)

Concentrates & Extracts, Live Rosin, Pressing
Harvest/Production Date: 02/10/2022



77.82%
Total Potential
Psychoactive THC

0.16%
Total CBD

Pass
Foreign Matter

77.82%
Total Raw THC

80.94%
Total Cannabinoids

Complete
NR
Moisture

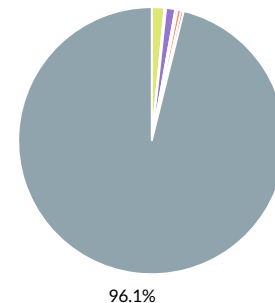
Cannabinoids

Pass

Analytical Calibration Batch: Cannabinoids AF 02072022

Analyte	LOQ	Mass	Mass
	%	%	mg/g
THCa	0.09	<LOQ	<LOQ
Δ9-THC	0.09	77.82	778.2
Δ8-THC	0.09	ND	ND
THCV	0.09	0.26	2.6
CBDa	0.09	<LOQ	<LOQ
CBD	0.09	0.16	1.6
CBN	0.09	0.22	2.2
CBGa	0.09	0.35	3.5
CBG	0.09	0.90	9.0
CBC	0.09	1.24	12.4
Total		80.94	809.4

■ CBC ■ CBD ■ CBG ■ CBN
■ CBGa ■ THCV ■ Δ9-THC



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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License # L-100170-003



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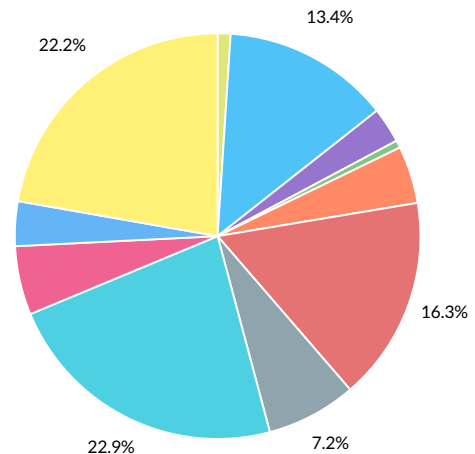
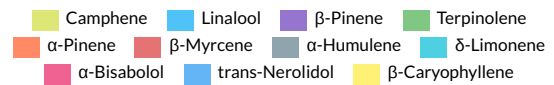
Concentrates & Extracts, Live Rosin, Pressing
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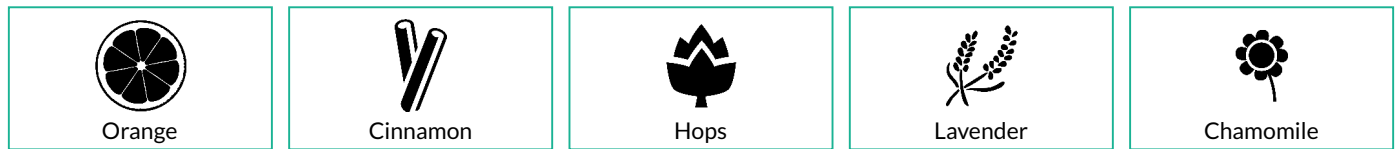
Terpenes

Analytical Calibration Batch: Terpenes 01252022

Analyte	LOQ	Mass	Mass
	%	%	mg/g
δ-Limonene	0.008	1.227	12.27
β-Caryophyllene	0.008	1.193	11.93
β-Myrcene	0.008	0.874	8.74
Linalool	0.008	0.716	7.16
α-Humulene	0.008	0.386	3.86
α-Bisabolol	0.008	0.294	2.94
α-Pinene	0.008	0.245	2.45
trans-Nerolidol	0.008	0.191	1.91
β-Pinene	0.008	0.152	1.52
Camphene	0.008	0.055	0.55
Terpinolene	0.008	0.032	0.32
α-Terpinene	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
Ocimene	0.008	ND	ND
p-Cymene	0.008	ND	ND
Total		5.364	53.64



Primary Aromas



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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Certificate of Analysis

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Residual Solvents

Pass

Analytical Calibration Batch: R.S. 01172022

Analyte	LOQ	State Limits	Mass	Status	Analyte	LOQ	State Limits	Mass	Status
	PPM	PPM	PPM			PPM	PPM	PPM	
Acetone	400	5000	ND	Pass	Hexanes	20	290	ND	Pass
Benzene	2	2	ND	Pass	Isopropanol	400	5000	ND	Pass
Butanes	40	5000	ND	Pass	Methanol	400	3000	ND	Pass
Chloroform	2	2	ND	Pass	Pentanes	20	5000	ND	Pass
Cyclohexane	20	3880	ND	Pass	Propane	40	5000	ND	Pass
Dichloromethane	20	5000	ND	Pass	Toluene	20	890	ND	Pass
Ethyl-Acetate	20	5000	ND	Pass	Xylenes	20	2170	ND	Pass
Heptanes	20	5000	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-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 Salmonella 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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Pesticides

Analytical Calibration Batch: 02/08/2022

Pass

Analyte	LOQ	State Limit	Expanded Limit	Mass	Status
	PPM	PPM	PPM	PPM	
Abamectin	0.30	2.5	2.5	ND	Pass
Acequinocyl	0.30	10	10	ND	Pass
Bifenazate	0.30	1	1	ND	Pass
Bifenthrin	0.30	1	1	ND	Pass
Chloromequat	0.30	5	5	ND	Pass
Cyfluthrin	0.30	5	5	ND	Pass
Daminozide	0.30	5	5	ND	Pass
Etoazole	0.30	1	1	ND	Pass
Fenoxycarb	0.30	1	1	ND	Pass
Imazalil	0.30	1	1	ND	Pass
Imidacloprid	0.30	2	2	ND	Pass
Myclobutanil	0.30	0.6	0.6	ND	Pass
Paclbutrazol	0.30	2	2	ND	Pass
Pyrethrins	0.30	5	5	ND	Pass
Spinosad	0.30	1	1	ND	Pass
Spirotetramat	0.30	1	1	ND	Pass
Trifloxystrobin	0.30	1	1	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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