

Octave Labs

Sample 809-112524-015

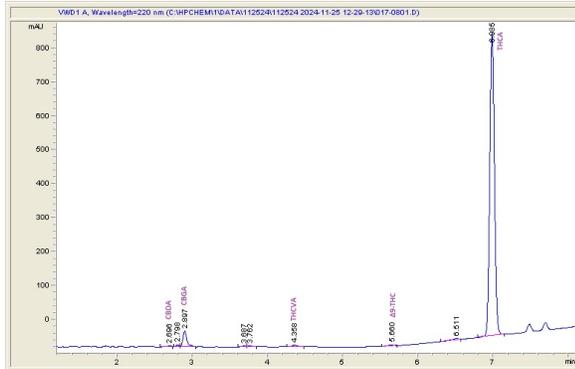
Animal Face

Sample Submitted: 11-25-2024; Report Date: 11-29-2024

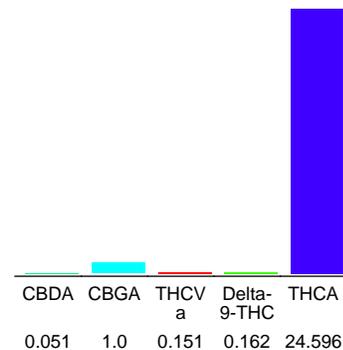
Animal Face

Plant Material: Hemp Flower

Chromatogram



Cannabinoid Profile



Cannabinoid Profile by HPLC

0.16%
Delta-9-THC

0.00%
CBD

25.96%
Total Cannabinoids

Cannabinoid	% wt	mg/g
CBDA	0.051	0.51
CBGA	1.0	10.0
THCVa	0.151	1.51
Delta-9-THC	0.162	1.62
THCA	24.6	245.96
Total Cannabinoids	25.96	259.6
Calculated Total THC	21.73	217.33
Calculated CBD Yield	0.04	0.45

Calculated Total THC = Delta-9-THC + 0.877 * THCA
Calculated Maximum CBD Yield = CBD + 0.877 * CBDA

Marin Analytics, LLC

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Novato, CA 94949

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Mike Clemmons
Lab Manager

This sample has been tested by Marin Analytics, LLC using valid testing methodologies and a quality system. Values reported relate only to the sample tested. Marin Analytics, LLC makes no claims as to the efficacy, safety, or other risks associated with any detected or non-detected levels of any compounds reported herein. This Certificate shall not be reproduced except in full without the written approval of Marin Analytics, LLC. Copyright 2023 Marin Analytics, LLC All Rights Reserved.

Sample Name: ANIMAL FACE	License: AG-R1066923IHH
Tested for: Octave Labs	Date Sampled: 11/19/24 18:00
R&D Testing	Date Accepted: 11/25/24
Laboratory ID: 24K0118-07 Strain: ANIMAL FACE	Sample Metric ID: N/A
Matrix: Useable Marijuana	Batch RFID: N/A
Lot # N/A	Batch Size: N/A

Terpene Analysis

Date Extracted: 11/27/24	Analysis Method: Terpenes by GCFID				
Date Analyzed: 11/27/24					
Analyte	Result (%)	LOQ	Analyte	Result	LOQ
alpha Pinene	0.0856	0.0097	beta Myrcene	0.0559	0.0097
alpha Phellandrene	< LOQ	0.0097	3-Carene	< LOQ	0.0097
alpha Terpinene	< LOQ	0.0097	Limonene	0.5415	0.0097
Terpinolene	< LOQ	0.0097	Linalool	0.1029	0.0097
Fenchol	0.0501	0.0097	Borneol	< LOQ	0.0097
Terpineol	0.0569	0.0097	Geraniol	< LOQ	0.0097
alpha Humulene	0.2144	0.0097	beta Caryophyllene	0.7244	0.0097
(-)-Caryophyllene Oxide	0.0151	0.0097	(-)-alpha Bisabolol	0.0425	0.0097
Camphene	0.0140	0.0097	beta Pinene	0.1258	0.0097
Ocimene	0.0179	0.0097	Sabinene	< LOQ	0.0097
Camphor	< LOQ	0.0097	Isoborneol	< LOQ	0.0097
Menthol	< LOQ	0.0097	alpha Cedrene	< LOQ	0.0097
Nerolidol	< LOQ	0.0097	(+)-Pulegone	< LOQ	0.0097
Eucalyptol	< LOQ	0.0097	p-Cymene	< LOQ	0.0097
(-)-Isopulegol	< LOQ	0.0097	Geranyl Acetate	< LOQ	0.0097
Guaiol	< LOQ	0.0097	Valencene	< LOQ	0.0097
Phytol	< LOQ	0.0097	Citronellol	< LOQ	0.0097
gamma Terpinene	< LOQ	0.0097	Farnesene	0.1313	0.0097
Fenchone	< LOQ	0.0097	Nerol	< LOQ	0.0097
Sabinene Hydrate	< LOQ	0.0097	(+)-Cedrol	< LOQ	0.0097
Total Terpenes				2.178 %	

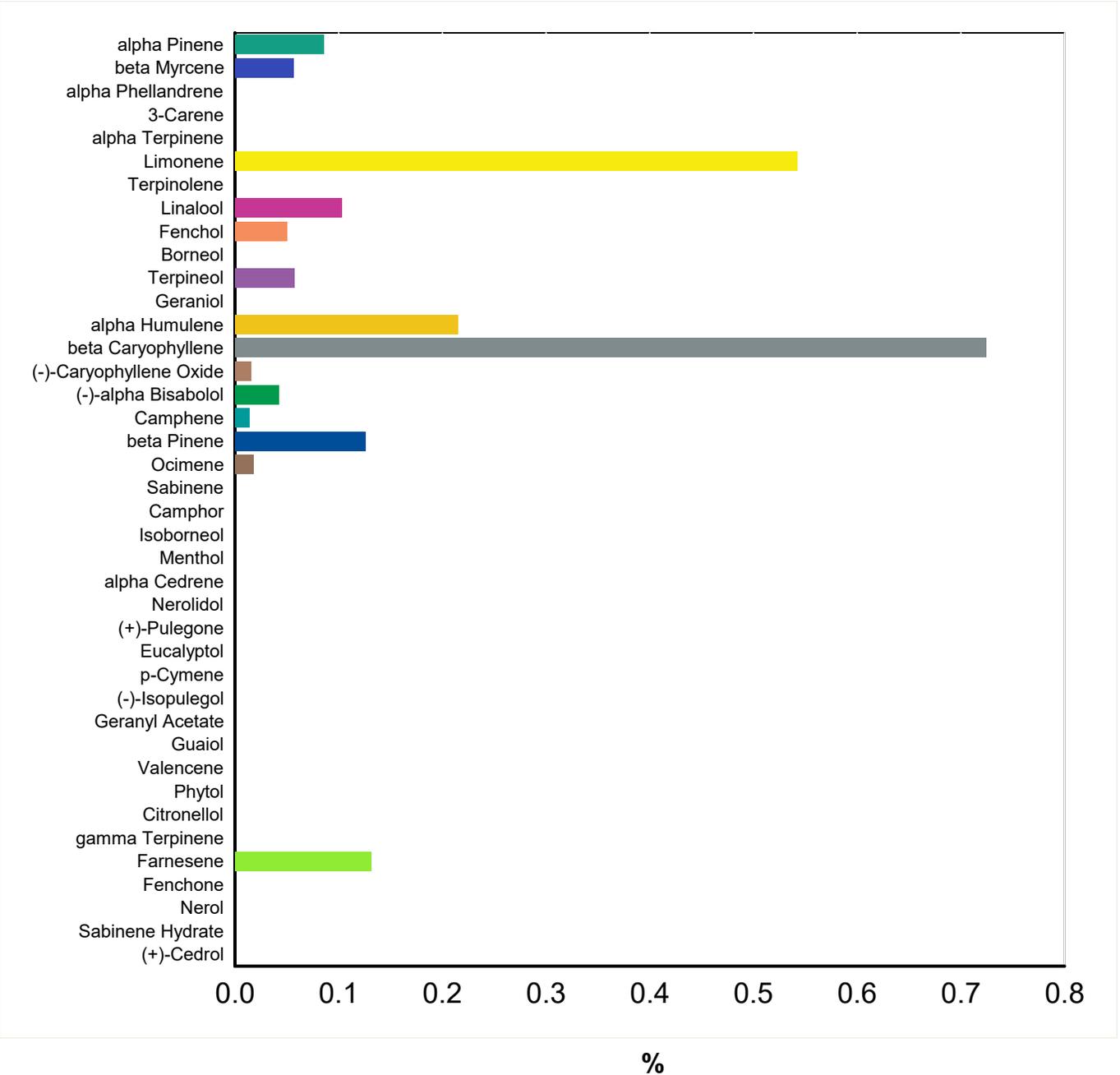
<LOQ - Results below the Limit of Quantitation
 Terpene Analysis is not ORELAP Accredited.


 Breeanna Hamilton
 Lab Director

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Sample Name: ANIMAL FACE	License: AG-R1066923IHH
Tested for: Octave Labs	Date Sampled: 11/19/24 18:00
R&D Testing	Date Accepted: 11/25/24 09:43
Laboratory ID: 24K0118-07	Matrix: Useable Marijuana
	Client/Metric ID: N/A

Terpene Profile




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 Lab Director

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Sample Name: Homogenized THCA Flower Full Panel
Tested for: *Octave Labs*
R&D Testing

Laboratory ID: 24K0118-01

Matrix: Useable Marijuana

Sample Metrc ID: N/A

Lot # N/A

Batch RFID: N/A

Batch Size: N/A

Strain: Homogenized THCA Flower Full Panel

Harvest Date: N/A

License: AG-R1066923IHH

Date Sampled: 11/19/24 18:00

Date Accepted: 11/25/24

Water Activity and Moisture

Analyte	Result	Limit	Units	LOQ	Analyzed	Method
Percent Moisture	10.9	15	%	0.10	12/02/2024	AOAC 966.02

Cannabinoids reported as dry weight (moisture corrected)

Results above the action level are highlighted in red #.

<LOQ - Results below the Limit of Quantitation


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Sample Name: Homogenized THCA Flower Full Panel **License: AG-R1066923IHH**
Tested for: Octave Labs **Date Sampled: 11/19/24 18:00**
R&D Testing **Date Accepted: 11/25/24**

Laboratory ID: 24K0118-01 **Strain: Homogenized** **Sample Metrc ID: N/A**
Matrix: Useable Marijuana **Batch RFID: N/A**
Lot # N/A **Batch Size: N/A**

Pesticide Analysis in ppm

Date Extracted: 11/27/24 **Analysis Method: SC-OR-ORG-003**
Date Analyzed: 11/28/24 **Results above the action levels are highlighted in red #.**

Analyte	Result	Action Level	LOQ	Analyte	Result	Action Level	LOQ
Abamectin	< LOQ	0.5	0.24	Acephate	< LOQ	0.4	0.20
Acequinocyl	< LOQ	2	0.98	Acetamiprid	< LOQ	0.2	0.10
Aldicarb	< LOQ	0.4	0.20	Azoxystrobin	< LOQ	0.2	0.10
Bifenazate	< LOQ	0.2	0.10	Bifenthrin	< LOQ	0.2	0.10
Boscalid	< LOQ	0.4	0.20	Carbaryl	< LOQ	0.2	0.10
Carbofuran	< LOQ	0.2	0.10	Chlorantraniliprole	< LOQ	0.2	0.10
Chlorfenapyr	< LOQ	1	0.49	Chlorpyrifos	< LOQ	0.2	0.10
Clofentezine	< LOQ	0.2	0.10	Cyfluthrin	< LOQ	1	0.49
Cypermethrin	< LOQ	1	0.49	Daminozide	< LOQ	1	0.49
DDVP (Dichlorvos)	< LOQ	1	0.49	Diazinon	< LOQ	0.2	0.10
Dimethoate	< LOQ	0.2	0.10	Ethoprophos	< LOQ	0.2	0.10
Etofenprox	< LOQ	0.4	0.20	Etoxazole	< LOQ	0.2	0.10
Fenoxycarb	< LOQ	0.2	0.10	Fenpyroximate	< LOQ	0.4	0.20
Fipronil	< LOQ	0.4	0.20	Fonicamid	< LOQ	1	0.49
Fludioxonil	< LOQ	0.4	0.20	Hexythiazox	< LOQ	1	0.49
Imazalil	< LOQ	0.2	0.10	Imidacloprid	< LOQ	0.4	0.20
Kresoxim-methyl	< LOQ	0.4	0.20	Malathion	< LOQ	0.2	0.10
Metalaxyl	< LOQ	0.2	0.10	Methiocarb	< LOQ	0.2	0.10
Methomyl	< LOQ	0.4	0.20	Methyl parathion	< LOQ	0.2	0.10
MGK-264	< LOQ	0.2	0.10	Myclobutanil	< LOQ	0.2	0.10
Naled	< LOQ	0.5	0.24	Oxamyl	< LOQ	1	0.49
Paclobutrazol	< LOQ	0.4	0.20	Permethrins (total)	< LOQ	0.2	0.10
Phosmet	< LOQ	0.2	0.10	Piperonyl butoxide	< LOQ	2	0.49
Prallethrin	< LOQ	0.2	0.10	Propiconazole	< LOQ	0.4	0.20
Propoxur	< LOQ	0.2	0.10	Pyrethrins (total)	< LOQ	1	0.49
Pyridaben	< LOQ	0.2	0.10	Spinosad	< LOQ	0.2	0.10
Spiromesifen	< LOQ	0.2	0.10	Spirotetramat	< LOQ	0.2	0.10
Spiroxamine	< LOQ	0.4	0.20	Tebuconazole	< LOQ	0.4	0.20
Thiacloprid	< LOQ	0.2	0.10	Thiamethoxam	< LOQ	0.2	0.10
Trifloxystrobin	< LOQ	0.2	0.10				

<LOQ - Results below the Limit of Quantitation


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Tested for: *Octave Labs*
 R&D Testing
License: AG-R1066923IHH
Date Sampled: 11/19/24 18:00
Date Accepted: 11/25/24

Laboratory ID: 24K0118-01 **Strain:** Homogenized **Sample Metric ID:** N/A
Matrix: Useable Marijuana **Batch RFID:** N/A
Lot # N/A **Batch Size:** N/A

Mycotoxin Analysis by LCMSMS

Date/Time Extracted: 11/27/24 16:00

Analysis Method/SOP: SC-OR-ORG-003

Date/Time Analyzed: 11/28/24

Results above the action levels are highlighted in red #.

Analyte	Result	LOQ	Units	Action Level
Aflatoxin B1	< LOQ	0.005	ppm	0.02
Aflatoxin B2	< LOQ	0.005	ppm	0.02
Aflatoxin G1	< LOQ	0.005	ppm	0.02
Aflatoxin G2	< LOQ	0.005	ppm	0.02
Aflatoxins (Total)	< LOQ	0.005	ppm	0.02
Ochratoxin A	< LOQ	0.01	ppm	0.02


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R&D Testing	Date Accepted: 11/25/24
Laboratory ID: 24K0118-01	Strain: Homogenized
Matrix: Useable Marijuana	Sample Metrc ID: N/A
Lot # N/A	Batch RFID: N/A
	Batch Size: N/A

Microbiological Analysis by qPCR

Date/Time Extracted: **11/26/24 16:40** Analysis Method/SOP: **PathoSEEK qPCR**
 Date/Time Analyzed: **11/27/24** Results above the action levels are highlighted in **red #**.

Analyte	Result (Present/Absent)
Salmonella	Absent
Shiga toxin producing E. Coli (STEC)	Absent


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Tested for: Octave Labs **Date Sampled: 11/19/24 18:00**
R&D Testing **Date Accepted: 11/25/24**

Laboratory ID: 24K0118-01 **Strain: Homogenized** **Sample Metrc ID: N/A**
Matrix: Useable Marijuana **Batch RFID: N/A**
Lot # N/A **Batch Size: N/A**

Metals Analysis by ICPMS

Date/Time Extracted: 11/26/24 16:07

Analysis Method/SOP: AOAC 2013.06

Date/Time Analyzed: 11/27/24

Results above the action levels are highlighted in **red #**.

Analyte	Result	LOQ	Units	Action Level
Arsenic (As)	< LOQ	0.099	ug/g	0.2
Cadmium (Cd)	< LOQ	0.099	ug/g	0.2
Lead (Pb)	< LOQ	0.099	ug/g	0.5
Mercury (Hg)	< LOQ	0.050	ug/g	0.1



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