Marin Analytics
250 BEL MARIN KEYS BLVD #D4 - NOVATO, CA 94949 833.321.TEST

CERTIFICATE OF ANALYSIS

Green Nursery Supplier

Sample 596-020824-034

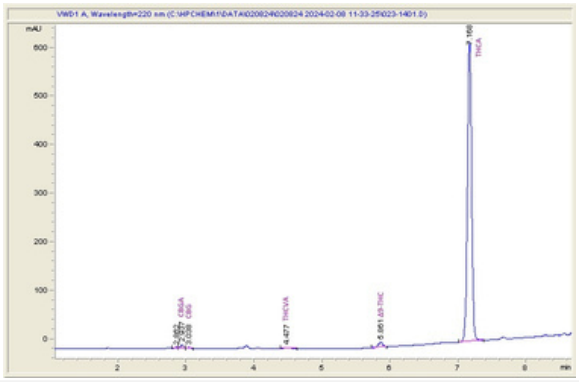
White Runtz

Sample Submitted: 02-08-2024; Report Date: 02-13-2024

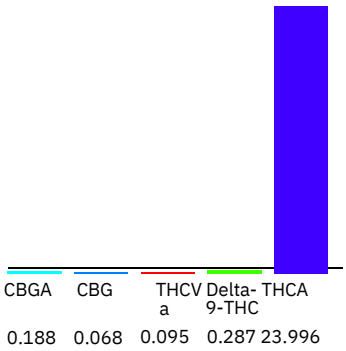
GREEN CRACK

Plant Material: Hemp Flower

Chromatogram



Cannabinoid Profile



Cannabinoid Profile by HPLC

0.29%
Delta-9-THC

0.00%
CBD

24.63%
Total Cannabinoids

Cannabinoid	% wt	mg/g
CBGA	0.188	1.88
CBG	0.068	0.68
THCVa	0.095	0.95
Delta-9-THC	0.287	2.87
THCA	24.0	239.96
Total Cannabinoids	**24.63**	**246.3**
Calculated Total THC	**21.33**	**213.31**
Calculated CBD Yield	**0.00**	**0.00**

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

Marin Analytics, LLC
250 Bel Marin Keys Blvd, Suite D4
Novato, CA 94949
833-321-TEST / info@marinanalytics.com

Mike Clemmons
Lab Manager

Marin Analytics
250 BEL MARIN KEYS BLVD #D4 - NOVATO, CA 94949 833.321.TEST

CERTIFICATE OF ANALYSIS

KMS AG Consulting

Sample 596-021624-056

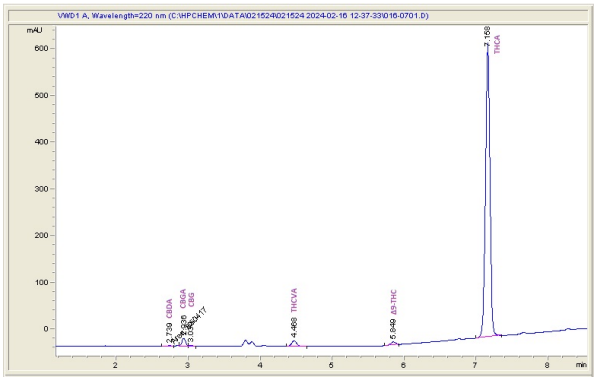
Sonic Boom

Sample Submitted: 02-16-2024; Report Date: 02-23-2024

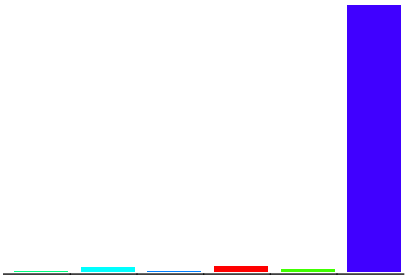
PINK PANTHER

Plant Material: Hemp Flower

Chromatogram



Cannabinoid Profile



Cannabinoid Profile by HPLC

0.25%
Delta-9-THC

0.00%
CBD

25.94%
Total Cannabinoids

Cannabinoid	% wt	mg/g
CBDA	0.062	0.62
CBGA	0.437	4.37
CBG	0.074	0.74
THCVa	0.481	4.81
Delta-9-THC	0.247	2.47
THCA	24.64	246.38
Total Cannabinoids	**25.94**	**259.4**
Calculated Total THC	**21.85**	**218.55**
Calculated CBD Yield	**0.05**	**0.54**

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

BADGER LABS

CERTIFICATE of ANALYSIS

BADGER LABS
3426 E. Maria Drive
Stevens Point, WI 54481
(715) 544-4900

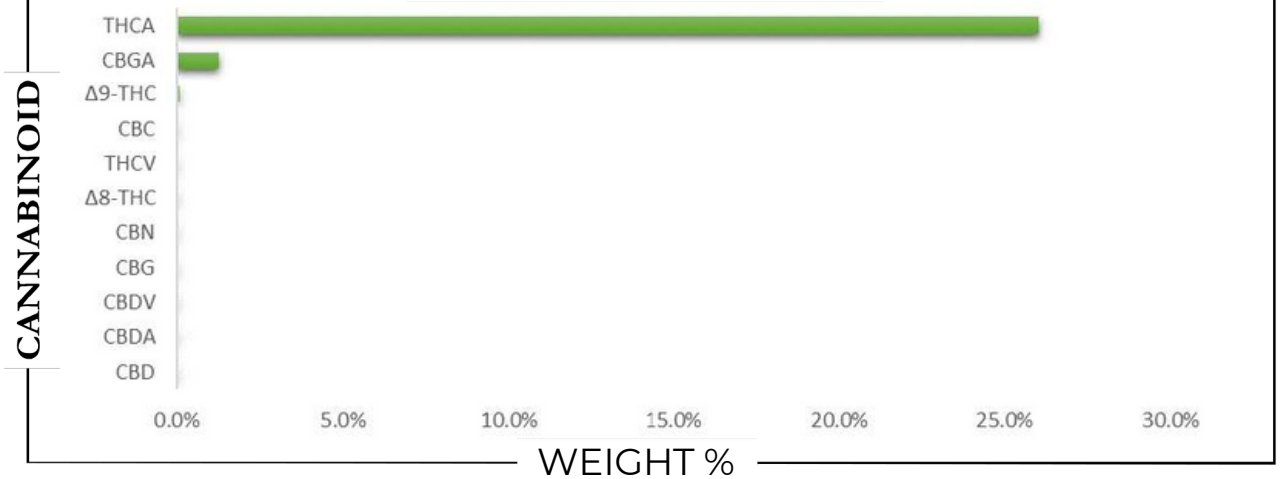
REPORT PREPARED FOR

PROJECT# 24017870
LAB ID 54041763
REPORT DATE 9/25/2024

SAMPLE NAME: *ATOMICKUSH*
DATE RECEIVED: 9/23/2024

THCA	TOTAL CBD	TOTAL CANNABINOIDS
26.03 %	ND	27. 45%

CANNABINOID PROFILE



CANNABINOID	WEIGHT %	MG/G
CBC	0.05	0.46
CBD	ND	ND
CBDA	ND	ND
CBDV	ND	ND
CBG	ND	ND
CBGA	1.27	12. 72
CBN	ND	ND
Δ8-THC	ND	ND
Δ9-THC	0.11	1.08
THCA	26. 03	260 .3
THCV	ND	ND
	ND	ND
Total CBD	1.12	11. 15
Total CBG	22. 93	229 .3
Total THC		

Analysis Method: TP-POT-05
By HPLC-VWD
Total THC = (0.877 x THCA) + Δ9-THC
Total CBD = (0.877 x CBDA) + CBD
Total CBG = (0.877 x CBGA) + CBG
ND = Not Detected

Prepared By: BRB
Analyzed By: BRB
Analysis Batch: SEP2424A-POT

Prepared Date: 9/24/2024
Date Analyzed: 9/24/2024

PJLA Testing
Accreditation# 115522

APPROVED BY:
JUSTIN HALL
LAB DIRECTOR

SIGNATURE

9/25/2024
SIGNED ON

FOOD & ENVIRONMENT SAFETY ANALYTICAL LAB

Certificate of Analysis

For R&D Use Only - Not a California Compliance Certificate.

Sample ID: 47440821-6
Date Issued: 8/26/24
Batch Result: Pass

Maui Wowie

Client:

Total	**CBD**	**Total**	**ND**
THC		**Total**	**27.75 %**
Cannabinoids			**31.61 %**

Analysis Summary

Residual Pesticides	Pass
Mycotoxins	Pass
Heavy Metals	Pass
Microbial Impurities	Pass

Sample Name:
Maui Wowie

Batch Number:
PLD82224MW

Matrix:
Plant

Unit Mass:
1 g per unit

Sample ID:
47440821-6

Date Received:
8/21/2024

Approved By:
Marie True, M.S.
Laboratory Manager

References: limit of detection (LOD), limit of quantitation (LOQ), not detected (ND), not tested (NT)

Cannabinoid Analysis

Complete

Analyte	LOD (%)	LOQ (%)	Mass (%)	Mass (mg/g)
CBDV	0.0035	0.011	ND	ND
CBD	0.0030	0.0090	ND	ND
CBG	0.0038	0.011	ND	ND
CBDA	0.0017	0.0052	ND	ND
CBN	0.00080	0.0024	ND	ND
Delta 9-THC	**0.0022**	**0.0067**	**0.224**	**2.24**
Delta 8-THC	0.0020	0.0059	ND	ND
CBC	0.00070	0.0021	ND	ND
THCA	**0.0024**	**0.0073**	**31.390**	**313.90**
Total CBD			ND	ND
Total THC			**27.75**	**277.53**
Total Cannabinoids			**31.61**	**316.14**

Date Tested: 8/22/2024

Total THC = THCa * 0.877 + d9-THC + d8-THC

Total CBD = CBDa * 0.877 + CBD

Pesticide Analysis

Pass

Analyte	LOQ (ppm)	Limit (ppm)	Mass (ppm)	Status
Abamectin	0.050	0.10	ND	Pass
Acephate	0.050	0.10	ND	Pass
Acequinocyl	0.050	0.10	ND	Pass
Acetamiprid	0.050	0.10	ND	Pass
Aldicarb	0.050	0.00	ND	Pass
Azoxystrobin	0.050	0.10	ND	Pass
Bifenazate	0.050	0.10	ND	Pass
Bifenthrin	0.050	3.00	ND	Pass
Boscalid	0.050	0.10	ND	Pass
Captan	0.050	0.70	ND	Pass
Carbaryl	0.050	0.50	ND	Pass
Carbofuran	0.050	0.00	ND	Pass
Chlorantraniliprole	0.050	10.00	ND	Pass
Chlordane	0.050	0.00	ND	Pass
Chlorfenapyr	0.050	0.00	ND	Pass
Chlorpyrifos	0.050	0.00	ND	Pass
Clofentezine	0.050	0.10	ND	Pass
Coumaphos	0.050	0.00	ND	Pass
Cyfluthrin	0.050	2.00	ND	Pass
Cypermethrin	0.050	1.00	ND	Pass
Daminozide	0.050	0.00	ND	Pass
DDVP	0.050	0.00	ND	Pass
Diazinon	0.050	0.10	ND	Pass
Dimethoate	0.050	0.00	ND	Pass
Dimethomorph	0.050	2.00	ND	Pass
Ethoprophos	0.050	0.00	ND	Pass
Etofenprox	0.050	0.00	ND	Pass
Etoxazole	0.050	0.10	ND	Pass
Fenhexamid	0.050	0.10	ND	Pass
Fenoxycarb	0.050	0.00	ND	Pass
Fenpyroximate	0.050	0.10	ND	Pass
Fipronil	0.050	0.00	ND	Pass
Flonicamid	0.050	0.10	ND	Pass
Fludioxonil	0.050	0.10	ND	Pass

Pesticide Analysis

Pass

Analyte	LOQ (ppm)	Limit (ppm)	Mass (ppm)	Status
Hexythiazox	0.050	0.10	ND	Pass
Imazalil	0.050	0.00	ND	Pass
Imidacloprid	0.050	5.00	ND	Pass
Kresoxim Methyl	0.050	0.10	ND	Pass
Malathion	0.050	0.50	ND	Pass
Metalaxyl	0.050	2.00	ND	Pass
Methiocarb	0.050	0.00	ND	Pass
Methomyl	0.050	1.00	ND	Pass
Methyl Parathion	0.050	0.00	ND	Pass
Mevinphos	0.050	0.00	ND	Pass
Myclobutanil	0.050	0.10	ND	Pass
Naled	0.050	0.10	ND	Pass
Oxamyl	0.050	0.50	ND	Pass
Paclobutrazol	0.050	0.00	ND	Pass
Pentachloronitrobenzene	0.050	0.10	ND	Pass
Permethrin	0.050	0.50	ND	Pass
Phosmet	0.050	0.10	ND	Pass
Piperonyl Butoxide	0.050	3.00	ND	Pass
Prallethrin	0.050	0.10	ND	Pass
Propiconazole	0.050	0.10	ND	Pass
Propoxur	0.050	0.00	ND	Pass
Pyrethrins	0.050	0.50	ND	Pass
Pyridaben	0.050	0.10	ND	Pass
Spinetoram	0.050	0.10	ND	Pass
Spinosad	0.050	0.10	ND	Pass
Spiromesifen	0.050	0.10	ND	Pass
Spirotetramat	0.050	0.10	ND	Pass
Spiroxamine	0.050	0.00	ND	Pass
Tebuconazole	0.050	0.10	ND	Pass
Thiacloprid	0.050	0.00	ND	Pass
Thiamethoxam	0.050	5.00	ND	Pass
Trifloxystrobin	0.050	0.10	ND	Pass

Date Tested: 8/22/2024

Certificate of Analysis

For R&D Use Only - Not a California Compliance Certificate.

Mycotoxins

Pass

Analyte	LOQ (µg/g)	Limit (µg/g)	Mass (µg/g)	Status
Aflatoxin B1	0.02	0.02	ND	Pass
Aflatoxin B2	0.02	0.02	ND	Pass
Aflatoxin G1	0.02	0.02	ND	Pass
Aflatoxin G2	0.02	0.02	ND	Pass
Ochratoxin A	0.02	0.02	ND	Pass

Date Tested: 8/22/2024

Heavy Metals Analysis

Pass

Analyte	LOQ (µg/g)	Limit (µg/g)	Mass (µg/g)	Status
Arsenic	0.050	0.200	ND	Pass
Cadmium	0.050	0.200	ND	Pass
Lead	0.125	0.500	0.185	Pass
Mercury	0.025	0.100	ND	Pass

Date Tested: 8/23/2024

Microbial Analysis

Pass

Test	Result (CFU/g)	Status
Aspergillus flavus	Absent / 1g	Pass
Aspergillus fumigatus	Absent / 1g	Pass
Aspergillus niger	Absent / 1g	Pass
Aspergillus terreus	Absent / 1g	Pass
Shiga-toxin producing *Escherichia coli*	Absent / 1g	Pass
Salmonella	Absent / 1g	Pass

Date Tested: 8/23/2024

CFU = Colony Forming Units

Method References:	Testing Location

Cannabinoid Profile (UNODC) — **FESA Labs - Santa Ana, CA**

Official Methods of Analysis, Method 2018.11.AOAC INTERNATIONAL (modified), Lukas Vaclavik, Frantisek Benes, Alex Krmela, Veronika Svobodova, Jana Hajsolva, and Katerina Mastovska, "Quantification of Cannabinoids in Cannabis Dried Plant Materials, Concentrates, and Oils Liquid Chromatography-Diode Array Detection Technique with Optional Mass Spectrometric Detection," First Action Method, Journal of AOAC International, Future Issue

United Nations Office on Drugs and Crime - Recommended methods for identification and analysis of cannabis and cannabis products

Multi-Residue Pesticide Analysis - (AOAC_200701) — **FESA Labs - Santa Ana, CA**

Official Methods of Analysis, AOAC Official Method 2007.01, Pesticide Residues in Foods by Acetonitrile Extraction and Partitioning with Magnesium Sulfate, AOAC INTERNATIONAL (modified).

CEN Standard Method EN 15662: Food of plant origin - Determination of pesticide residues using GC-MS and/or LC-MS/MS following acetonitrile extraction/partitioning and clean-up by dispersive SPE - QuEChERS method.

Mycotoxins Analysis - 5 compounds (FDA_MYC) — **FESA Labs - Santa Ana, CA**

Determination of Mycotoxins in Corn, Peanut Butter and Wheat Flour Using Stable Isotope Dilution Assay (SIDA) and Liquid Chromatography-Tandem Mass Spectrometry (LC-MS/MS) (modified).

Heavy Metals Analysis - 4 elements (EPA_200.8) — **FESA Labs - Santa Ana, CA**

Methods for the Determination of Metals in Environmental Standards - Supplement 1, EPA-600/R-94-111, May 1994.

"Determination of Metals and Trace Elements in Water and Wastes by Inductively Coupled Plasma-Mass Spectrometry", USEPA Method 200.8, Revision 5.1, EMMC Version (modified).

Microbial Analysis - (FDABAM_4A_5_18) — **FESA Labs - Santa Ana, CA**

U.S. Food and Drug Administration, Bacteriological Analytical Manual, Chapter 4A, Diarrheagenic Escherichia coli; Chapter 5, Salmonella; Chapter 18, Yeasts, Molds and Mycotoxins (modified).

Testing Location:

FESA Labs
2002 S. Grand Ave., Suite A
Santa Ana, CA 92705
(714) 540-0172
www.fesalabs.com

DELTA VERDE LABORATORY

Certificate of Analysis

Verify authenticity of this COA by sending a copy to verify@deltaverdelab.com

Powered by Confident Cannabis

Sample: 2311DEL1293.5543

Strain: #51 Blue Cheese
Lot#: ; Batch#: ; Batch Size: g
Sampling Time: ; Sampling Date:
Sample Received: 11/22/2023; Report Created: 11/29/2023
Harvest Date: ; Testing Completed: 11/28/2023
Use by Date: ; Manufacture Date: ; MMJ Weight: g

Hemp THCa Flower

Plant, Flower - Cured
Reference:

Complete	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested
Potency	Microbials	Residual Solvents	Pesticides, Fungicides, Growth Regulators	Herbicides	Mycotoxins	Heavy Metals

22.04%
THC Max

ND
CBD Max

25.13%
Regulatory Cannabinoids

25.13%
Total Cannabinoids Q3

Cannabinoids

Cannabinoid	LOQ	Concentration	Concentration	Qualifiers
	%	%	mg/g	
CBC	2.00	ND	ND	
CBD	2.00	ND	ND	
CBDa	2.00	ND	ND	
CBG	2.00	ND	ND	
CBGa	2.00	<LOQ	<LOQ	
CBN	2.00	ND	ND	
Δ8-THC	2.00	ND	ND	
Δ9-THC	2.00	<LOQ	<LOQ	
THCa	2.00	25.13	251.3	
THCV	2.00	ND	ND	
Total		**25.13**	**251.3**	

Qualifiers: D1, Q3
Date Tested: 11/27/2023
Decision Rule: This Pass/Fail Result is in conformance with the qualifying specifications (D1, Q3), described and set in guidelines A.A.C. 9 A.A.C. 17, effective September 7, 2021. SOP-134;THC Max = THCa * 0.877 +Δ9-THC; CBD Max = CBDa * 0.877 + CBD; LOQ = Limit of Quantitation; The reported result is based onsample weight with the applicable moisture content for that sample; Unless otherwise stated all quality control samples performed with**in specifications established by the Laboratory. ND = Not Detected'; NT = Not** Tested; NR = Not Reported. Accredited to Standard ISO/IEC 17025:2017 by PJLA #89963 for Testing. AR**I**ONA DEPARTMENT OF HEALTH SERVICES' WARNING: Marijuana use can be addictive and can impair an individual's ability to drive a motor vehicle or operate heavy machiery. Marijuana smoke contains carcinogens and can lead to an increased risk for cancer, tachycardia, hypertension, heart attack, and lung infection. KEEP OUT OF REACH OF CHILDREN. Using Marijuana during pregnancy could cause birth defects or other health issues to your unborn child.

DELTA VERDE
12620 N. Cave Creek Road Suite 2
Phoenix, AZ 85022
(602) 466-9730
https://www.deltaverdelabs.com
ACCL Lic#

Raju Kandel
Technical Lab Director

Certificate of Analysis

Provided for quality control or research and development purposes.

Powered by Confident LIMS

Oregon Hemp Flower

Sample: 2401CH0053.0201

Strain: Skywalker
Batch#: ; Batch Size: g
Sample Received: 01/03/2024; Report Created: 01/05/2024
Harvest/Production Date:
Sampling: Random; Environment: Room Temp

Skywalker THCa

Plant, Flower - Cured
Harvest Process Lot: ; METRC Batch: ; METRC Sample:

Analyte	Analyte
THCa	CBDV
Δ9-THC	CBN
Δ8-THC	CBGa
THCV	CBG
CBDa	CBC
CBD	

Cannabinoids

Pass

1055 HPLC6 20240104-6
01/04/2024 | METRC THC RPD Status: Not Tested ; METRC CBD RPD Status: Not Tested

0.22%
Δ9-THC/serving

0.07%
Total CBD** (Calculated Decarboxylated Potential)

25.67%
Total Cannabinoids Analyzed

Analyte	LOQ	Mass	Mass
	mg/g	mg/g	%
THCa	0.4	248.2	24.82
Δ9-THC	0.4	02.2	0.22
Δ8-THC	0.4	<LOQ	<LOQ
THCV	0.4	<LOQ	<LOQ
CBDa	0.4	0.9	0.09
CBD	0.4	<LOQ	<LOQ
CBDV	0.4	<LOQ	<LOQ
CBN	0.4	<LOQ	<LOQ
CBGa	0.4	3.8	0.38
CBG	0.4	1.1	0.11
CBC	0.4	0.5	0.05
Total		**256.7**	**25.67**

Method: CH SOP 4400
*Total THC = THCa * 0.877 + d9-THC. **Total CBD = CBDa * 0.877 + CBD. LOQ = Limit of Quantification; NR = Not Reported; ND = Not Detected
>ULOQ = above upper LOQ. ChemHistory estimates its internal laboratory uncertainty acceptance limits to be 7% for sample cannabinoid potency results.

5691 SE International Way
Portland, OR
(503) 305-5252
http://chemhistory.com
Lic# OLCC 010-1002015CA5E ORELAP 4057

Patrick Trujillo
Laboratory Director