



Confidence Analytics

Cannabis Analytics and Research Specialists

WSLCB License # 0003 | 14797 NE 95th St, Redmond, WA 98052 | (206) 743-8843 | info@conflabs.com
Certified For: Cannabinoids | Microbiologicals | Mycotoxins | Foreign Matter | Moisture | Terpenes | Residual Solvents | Pesticides
Research and Development Certificate of Analysis

Official Test Results for Laboratory Sample # 7101644

Origination: Apothecary Rx

UPI #: N/A

Inventory #: 20201023ET003

Strain: Citrus CBD

License #: N/A

QA #: 20201023ET003

Type: Flower

Harvest Date: Unknown

Address: 4920 Atlanta Highway

Date of Receipt: 2020-10-23

Approved By: T. Sasaki, Ph.D., CSO

Alpharetta, GA 30004

Date of Testing: 2020-10-24

S. Stevens, LDR

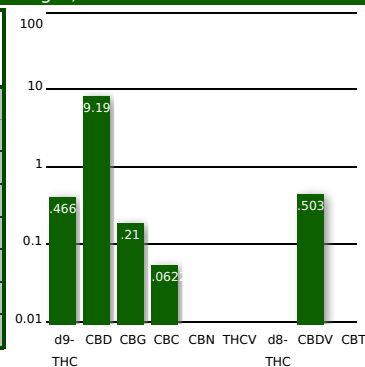


PASS/FAIL

Cannabinoid Profile (units of measure are by weight)

[This section intentionally left blank.]

THC max 0.466% 4.66mg/g			CBD max 9.19% 91.9mg/g		
	%	mg/g		%	mg/g
THCA	0.437	4.37	d9-THC	0.0823	0.823
CBDA	9.83	98.3	CBD	0.569	5.69
CBGA	0.214	2.14	CBG	0.0231	0.231
CBC	0.0622	0.622	CBN	ND	ND
THCVA	ND	ND	THCV	ND	ND
CBDVA	0.44	4.4	CBDV	0.0622	0.622
CBT	ND	ND	d8-THC	ND	ND



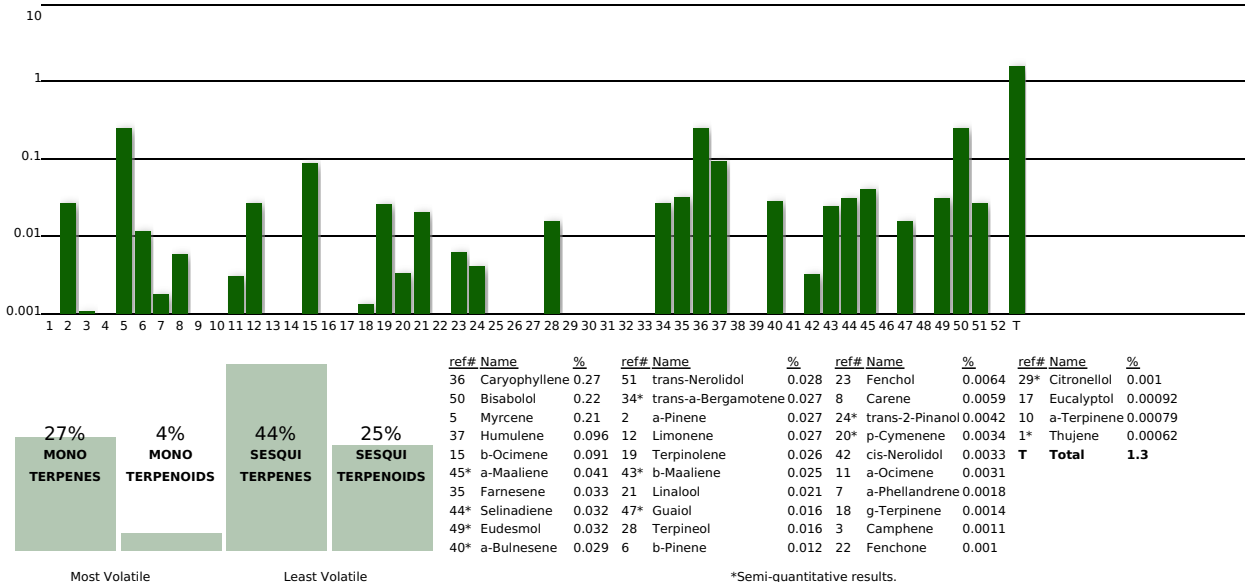
Shelf Stability

Loss-On-Drying: NE

Water Activity: NE

Total Cannabinoids (raw sum): 11.7%, 117mg/g

Terpene Fingerprint (units in percent by weight)



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THCmax (a.k.a. Total THC) = d9-THC + (THC-A * 0.877)
CBDmax (a.k.a. Total CBD) = CBD + (CBD-A * 0.877)
Total Cannabinoid is a raw sum of all measured cannabinoids
In Traceability, Total Cannabinoid is a sum of THCmax and CBDmax
Figures may differ slightly from traceability due to rounding

ND = Not Detected
NE = Not Examined
Unk = Unknown

2020-10-30 15:58

Analytical Methods Used
Cannabinoids: HPLC-UV
Microbial: Plate Counting
Terpenes: HS-GC-FID
Solvents: HS-GC-MS

Trace Residue: UHPLC-MSMS
Water Activity: HYGROMER®

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Type: Flower

Harvest Date: Unknown

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Approved By: T. Sasaki, Ph.D., CSO

Alpharetta, GA 30004

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S. Stevens, LDR



Quantitative Impurities Report

Concentrations of analytes used to determine pass/fail status of individual tests.

* Greater than lower limit of detection ($>LLOD$) and less than lower limit of quantification ($<LLOQ$). Applies to instances when the analyte has been detected and positively identified, but the concentration is lower than we can accurately quantify. Literally: signal to noise ratio greater than 3 and signal less than calibration. $LLOD$ is ~ 0.001 ppm for most analytes, $LLOQ$ is ~ 0.01 for most analytes. Number shown is lower end of calibration ($LLOQ$).

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Findings

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Certified For: Cannabinoids | Microbiologicals | Mycotoxins | Foreign Matter | Moisture | Terpenes | Residual Solvents | Pesticides

Research and Development Certificate of Analysis

Official Test Results for Laboratory Sample # 8012386

Origination: Apothecary Rx

UBI #:

Inventory #: 210123BS005

Strain: Citrus

License #:

QA #: 210123BS005

Type: Flower

Harvest Date: Unknown

Address: 4920 Atlanta Highway

Date of Receipt: 2021-01-23

Approved By: N. Mosely, CEO

Alpharetta, GA 30004

Date of Testing: 2021-01-23

S. Stevens, LDR



PASS/FAIL

Chemical Profile (units in percent by weight)

Foreign Matter+Seeds **PASS**

Loss On Drying (Moisture) NE

Water Activity NE

Microbiological NE

Mycotoxins **PASS**

Pesticides **PASS**

CANNABINOIDS NOT EXAMINED

CANNABINOIDS
NOT EXAMINED

Shelf Stability

Loss-On-Drying NE

Water Activity: NE

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Microbial: Plate Counting

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Inventory #: 210123BS005

Strain: Citrus

License #:

QA #: 210123BS005

Type: Flower

Harvest Date: Unknown

Address: 4920 Atlanta Highway

Date of Receipt: 2021-01-23

Approved By: N. Mosely, CEO

Alpharetta, GA 30004

Date of Testing: 2021-01-23

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Findings

ALKANES NOT EXAMINED

SOLVENT IMPURITIES NOT EXAMINED

ALCOHOLS NOT EXAMINED

MYCOTOXINS

MICROBIOLOGICALS NOT EXAMINED

<u>Analyte</u>	<u>Concentration</u>	<u>Action Level*</u>
Aflatoxin B1	< LLOQ	20 ppb
Aflatoxin B2	< LLOQ	20 ppb
Aflatoxin G1	< LLOQ	20 ppb
Aflatoxin G2	< LLOQ	20 ppb
Ochratoxin A	< LLOQ	20 ppb

*Action Level is Sum of Aflatoxins

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Chemical Residue Screen

Official Test Results for Laboratory Sample # 8012386

Origination: Apothecary Rx

UBI #:

Inventory #: 210123BS005

Strain: Citrus

License #:

QA #: 210123BS005

Type: Flower

Harvest Date: Unknown

Address: 9323 N. Division St. **Date of Receipt:** 2021-01-23

Approved By: N. Mosely, CEO

Alpharetta, GA 30004 **Date of Testing:** 2021-01-23

S. Stevens, LDR



Chemical Residue Screen - Test Report



Cannabis samples were homogenized and extracted using a custom protocol. Instrumental analysis was performed with UHPLC-MS/MS (tandem quadrupole). Target compounds were identified by matching to Certified Reference Materials. Ion-selective detection (multiple reaction monitoring, or MRM) was used to ensure that precursor and product ions of the correct masses co-eluted and were observed in ratios matching those for the reference materials.

Dozens of compounds representing many different classes of fungicides, herbicides, and plant growth regulators were screened for. This document lists all analytes detected in the Chemical Residue Screen.

Findings

Analyte Name	CAS #	Amount In Sample	PASS/FAIL	WA State Action Level	Analyte Name	CAS #	Amount In Sample	PASS/FAIL	WA State Action Level
(sum) Spinosads	NA	NOT DETECTED	PASS	0.20 ppm	Diazinon	333-41-5	NOT DETECTED	PASS	0.20 ppm
(sum) Permethrins	NA	NOT DETECTED	PASS	0.20 ppm	Dichlorvos	62-73-7	NOT DETECTED	PASS	0.10 ppm
Abamectin B1a	71751-41-2	NOT DETECTED	PASS	0.50 ppm	Dimethoate	60-51-5	NOT DETECTED	PASS	0.20 ppm
Acephate	30560-19-1	NOT DETECTED	PASS	0.40 ppm	Ethoprophos	13194-48-4	NOT DETECTED	PASS	0.20 ppm
Acetamiprid	135410-20-7	NOT DETECTED	PASS	0.20 ppm	Etofenprox	80844-07-1	NOT DETECTED	PASS	0.40 ppm
Aldicarb	116-06-3	NOT DETECTED	PASS	0.40 ppm	Etoxazole	153233-91-1	NOT DETECTED	PASS	0.20 ppm
Azoxystrobin	131860-33-8	NOT DETECTED	PASS	0.20 ppm	Fenoxycarb	72490-01-8	NOT DETECTED	PASS	0.20 ppm
Bifenazate	149877-41-8	NOT DETECTED	PASS	0.20 ppm	Fenpyroximate	134098-61-6	NOT DETECTED	PASS	0.40 ppm
Bifenthrin	82657-04-3	NOT DETECTED	PASS	0.20 ppm	Fipronil	120068-37-3	NOT DETECTED	PASS	0.40 ppm
Boscalid	188425-85-6	NOT DETECTED	PASS	0.40 ppm	Flonicamid	158062-67-0	NOT DETECTED	PASS	1.00 ppm
Carbaryl	63-25-2	NOT DETECTED	PASS	0.20 ppm	Fludioxonil	131341-86-1	NOT DETECTED	PASS	0.40 ppm
Carbofuran	1563-66-2	NOT DETECTED	PASS	0.20 ppm	Hexythiazox	78587-05-0	NOT DETECTED	PASS	1.00 ppm
Chlorantraniliprole	500008-45-7	NOT DETECTED	PASS	0.20 ppm	Imazalil	35554-44-0	NOT DETECTED	PASS	0.20 ppm
Chloromequat	7003-89-6	NOT DETECTED	PASS	0.10 ppm	Imidacloprid	138261-41-3	NOT DETECTED	PASS	0.40 ppm
Chlorpyrifos	2921-88-2	NOT DETECTED	PASS	0.20 ppm	Kresoxim-methyl	143390-89-0	NOT DETECTED	PASS	0.40 ppm
cis-Permethrin	52645-53-1	NOT DETECTED	PASS	0.20 ppm	Malathion	121-75-5	NOT DETECTED	PASS	0.20 ppm
Clofentezine	74115-24-5	NOT DETECTED	PASS	0.20 ppm	Metalaxyl	57837-19-1	NOT DETECTED	PASS	0.20 ppm
Daminozide	1596-84-5	NOT DETECTED	PASS	1.00 ppm	Methiocarb	2032-65-7	NOT DETECTED	PASS	0.20 ppm

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Solvents: HS-GC-MS

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MS/MS

Water Activity:

HYGROMER®

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Findings

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Methomyl	16752-77-5	NOT DETECTED	PASS	0.40 ppm	Thiacloprid	111988-49-9	NOT DETECTED	PASS	0.20 ppm
Myclobutanil	88671-89-0	NOT DETECTED	PASS	0.20 ppm	Thiamethoxam	153719-23-4	NOT DETECTED	PASS	0.20 ppm
Naled	300-76-5	NOT DETECTED	PASS	0.50 ppm	trans-Permethrin	52645-53-2	NOT DETECTED	PASS	0.20 ppm
Oxamyl	23135-22-0	NOT DETECTED	PASS	1.00 ppm	Trifloxystrobin	141517-21-7	NOT DETECTED	PASS	0.20 ppm
Paclobutrazol	76738-62-0	NOT DETECTED	PASS	0.40 ppm	Uniconazole	83657-22-1	NOT DETECTED	PASS	0.10 ppm
Phosemet (Imidan)	732-11-6	NOT DETECTED	PASS	0.20 ppm					
Piperonyl Butoxide	51-03-6	NOT DETECTED	NA	NA					
Prallethrin	23031-36-9	NOT DETECTED	PASS	0.20 ppm					
Propiconazole	60207-90-1	NOT DETECTED	PASS	0.40 ppm					
Propoxur	114-26-1	NOT DETECTED	PASS	0.20 ppm					
Pyrethrin I	8003-34-7	NOT DETECTED	NA	NA					
Pyridaben	96489-71-3	NOT DETECTED	PASS	0.20 ppm					
Spinosad A	168316-95-8	NOT DETECTED	PASS	0.20 ppm					
Spinosad D	168316-95-9	NOT DETECTED	PASS	0.20 ppm					
Spiromesifen	283594-90-1	NOT DETECTED	PASS	0.20 ppm					
Spirotetramat	203313-25-1	NOT DETECTED	PASS	0.20 ppm					
Spiroxamine	118134-30-8	NOT DETECTED	PASS	0.40 ppm					
Tebuconazole	80443-41-0	NOT DETECTED	PASS	0.40 ppm					

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Solvents: HS-GC-MS

Trace Residue: UHPLC-

MSMS

Water Activity:

HYGROMER®

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Medicine Creek Analytics Certificate of Analysis

3700 Pacific HWY E, Ste 400, Fife, WA 98424
WA State I502 Certification 0018 | ISO 17025 91428 | Accreditation #91428

Sample: **8012386**#COC/INVOICE: **4082**

Laboratory ID 210124-010	Matrix Flower	Batch ID	Inventory ID
Tested for Confidence Analytics	Address 14797 NE 95th St Redmond, WA 98052		License 3
Received 01/25/2021			Reported 01/28/2021

Analyses executed **MET**

MET - Heavy Metals Detection Analysis

Analyzed **Jan 28, 2021** | Instrument **ICP-MS**

Analyte	LOD ug/5g	LOQ ug/5g	Result ug/5g	WRL ug/5g	Analyte	LOD ug/5g	LOQ ug/5g	Result ug/5g	WRL ug/5g
Arsenic (As)	0.02	0.06	ND	10	Cadmium (Cd)	0.01	0.04	ND	4.1
Lead (Pb)	0.01	0.02	ND	6	Mercury (Hg)	0.02	0.07	ND	2



NR Not Reported
ND Not Detected
<LOD Below Lod
NT Not Tested
LOD Limit of Detection
LOQ Limit of Quantification
DET Detected below quantitation limit
CFU/g Colony Forming Units per 1 gram
TNTC Too Numerous to Count
mg/g Milligrams per gram
ppm Parts per million
WRL Washington Regulatory Limit

Authorized Signature

Kyle Shelton
Lab Manager
01/28/2021



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