

## Certificate of Analysis

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

# Lemon Bar

Client: Healthy Alternatives

Total CBD	ND
Total THC	26.21 %
Total Cannabinoids	29.88 %



**Sample Name:**

Lemon Bar

**Matrix:**

Plant

**Unit Mass:**

1 g per unit

**Sample ID:**

**Date Received:**

6/3/2024

*Marie*

**Approved By:**

Marie True, M.S.

Laboratory Manager

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



## Potency Results

**Sample Name:** *Gush Mints THCA*

**Client:** Almanac Ag

**Client Batch ID:**

Pinnacle-Analytics.com  
3549 Lear Way, Suite 101  
Medford OR 97504  
P:(541)300-8217

**Sample ID:** rC-H-324-E2635

**Matrix:** Flower

**Prep Analyst:** Megan A.

**Analysis Method:** 0668534+1 H4 5-24-2024 #1.lcm

**Sampling Method:** N/A

**Reference Method:** JCB 2009: HPLC/DAD

**Analysis Batch:** 11-27-2024 H4 324, 355, 375, 413, 430 Flower

Date Sampled: 11/26/2024

Date Reported: 12/4/2024

Client License: N/A

3020 Coleman Creek Rd.

Medford OR 97501

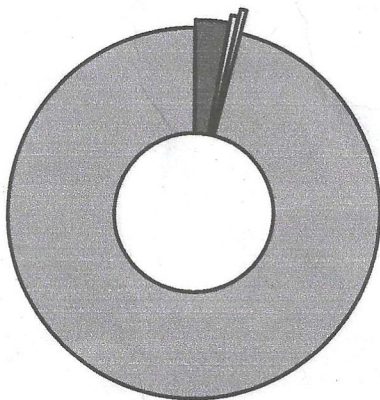
For R&D Purposes Only

<b>Total THC</b> (THCA*0.877+d9-THC)	21.1%
<b>Total CBD</b> (CBDA*0.877+CBD)	<LOQ%
<b>Moisture Content</b>	13.8%

<b>Cannabinoid</b>	<b>% Weight</b>	<b>mg/g</b>
CBDVA	<LOQ	<LOQ
CBDV	<LOQ	<LOQ
CBDA*	<LOQ	<LOQ
CBGA	0.718	7.18
CBG	0.15	1.5
CBD*	<LOQ	<LOQ
THCV	<LOQ	<LOQ
CBN	<LOQ	<LOQ
d9-THC*	0.127	1.27
d8-THC*	<LOQ	<LOQ
CBC	<LOQ	<LOQ
THCA*	23.9	239.0
<b>Total Cannabinoids</b>	<b>24.89</b>	<b>249.0</b>

\*ORELAP Accredited Analyte

Limit Of Quantitation: 0.1%, analyte not measured



■ CBGA    ■ THCA\*  
□ CBG  
□ d9-THC\*



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Report generated by Routine\_Potency\_Rev13\_8-1-2023

Kris Ford, PhD  
Lab Director



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# GMO

Client: Healthy Alternatives

Total CBD	ND
Total THC	29.03 %
Total Cannabinoids	33.09 %



Sample Name:  
GMO

Matrix:  
Plant

Unit Mass:  
1 g per unit

Sample ID:

Date Received:  
7/16/2024



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

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Client: Healthy Alternatives

### 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	0.104	1.04
Delta 8-THC	0.0020	0.0059	ND	ND
CBC	0.00070	0.0021	ND	ND
THCA	0.0024	0.0073	32.981	329.81
Total CBD			ND	ND
Total THC			29.029	290.29
Total Cannabinoids			33.085	330.85

Date Tested: 7/16/2024

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

Total CBD = CBDa \* 0.877 + CBD

#### 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 Hajsova, 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

#### Testing Location:

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

## Certificate of Analysis

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# Medellin

Client:

Total CBD	ND
Total THC	20.63 %
Total Cannabinoids	23.50 %



Sample Name:  
Medellin

Matrix:  
Plant

Unit Mass:  
1 g per unit

Sample ID:

Date Received:  
4/1/2024

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

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## Certificate of Analysis

### 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	0.10	1.00
Delta 8-THC	0.0020	0.0059	ND	ND
CBC	0.00070	0.0021	ND	ND
THCA	0.0024	0.0073	25.72	257.19
Total CBD			ND	ND
Total THC			22.66	226.56
Total Cannabinoids			25.82	258.19

Date Tested: 9/6/2024

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

Total CBD = CBDa \* 0.877 + CBD

### Method References:

### Testing Location:

Cannabinoid Profile (UNODC)

FESA Labs - Santa Ana, CA

Official Methods of Analysis, Method 2018.11 AOAC INTERNATIONAL (modified), Lukas Vackovic, Frantisek Benes, Alex Krmela, Veronika Svobodova, Jana Hajslova, 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

### Testing Location:

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

RP

## Certificate of Analysis

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### 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	0.187	1.87
Delta 8-THC	0.0020	0.0059	ND	ND
CBC	0.00070	0.0021	ND	ND
THCa	0.0024	0.0073	23.311	233.11
Total CBD			ND	ND
Total THC			20.63	206.31
Total Cannabinoids			23.50	234.98

Date Tested: 4/1/2024

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

Total CBD = CBDa \* 0.877 + CBD

### 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 Hajsova, 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

### Testing Location:

FESA Labs  
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Santa Ana, CA 92705  
(714) 540-0172  
[www.fesalabs.com](http://www.fesalabs.com)





# PINNACLE

— ANALYTICS —

## Potency Results

Sample Name: *Garlic Butter*

Client:

Client Batch ID:

Pinnacle-Analytics.com  
3549 Lear Way, Suite 101  
Medford OR 97504  
P:(541)300-8217

Sample ID:

Matrix: Flower

Prep Analyst: Jeff A.

Analysis Method: 0668534+1 H4 5-24-2024 #1.lcm

Sampling Method: N/A

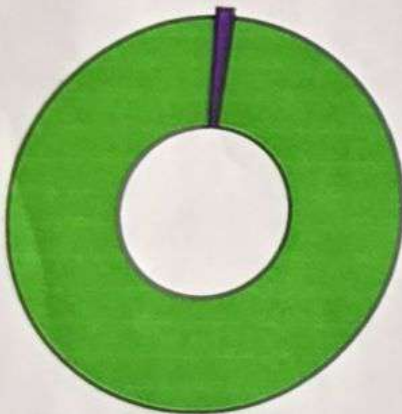
Reference Method: JCB 2009: HPLC/DAD

Analysis Batch: 10-31-2024 H4 101, 208, 276, 354, 520 Flower

Date Sampled: 10/29/2024  
Date Reported: 11/1/2024

For R&D Purposes Only

**Total THC** (THCA\*0.877+d9-THC) **28.1%**  
**Total CBD** (CBDA\*0.877+CBD) **<LOQ%**  
**Moisture Content** **14.6%**



■ CBGA  
■ THCA\*

Cannabinoid	% Weight	mg/g
CBDVA	<LOQ	<LOQ
CBDV	<LOQ	<LOQ
CBDA*	<LOQ	<LOQ
CBGA	0.354	3.54
CBG	<LOQ	<LOQ
CBD*	<LOQ	<LOQ
THCV	<LOQ	<LOQ
CBN	<LOQ	<LOQ
d9-THC*	<LOQ	<LOQ
d8-THC*	<LOQ	<LOQ
CBC	<LOQ	<LOQ
THCA*	28.15	281.5
<b>Total Cannabinoids</b>	<b>28.50</b>	<b>285.0</b>

\*ORELAP Accredited Analyte

Limit Of Quantitation: 0.1%, analyte not measured



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Report generated by Routine\_Potency\_Rev13\_8-1-2023

Kris Ford, PhD  
Lab Director



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# Reeses Pieces

Client:

Total CBD	ND
Total THC	22.66 %
Total Cannabinoids	25.82 %



Sample Name:  
Reeses Pieces

Matrix:  
Plant

Unit Mass:  
1 g per unit

Sample ID:

Date Received:  
9/6/2024

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

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# D - Sample 1

**Client:** IJS Farm Inc

825 C Merrimon Ave #213

Asheville, NC 28804

**Total CBD**

**ND**

**Total THC**

**87.41 %**

**Total Cannabinoids**

**99.66 %**

### Analysis Summary

Residual Pesticides	Pass
Residual Solvents & Processing Chemicals	Pass
Mycotoxins	Pass
Heavy Metals	Pass
Microbial Impurities	Pass

**Sample Name:**

D - Sample 1

**Matrix:**

Concentrate

**Unit Mass:**

1 g per unit

**Sample ID:**

49140710-1

**Date Received:**

7/10/2024



Approved By:

Marie True, M.S.

Laboratory Manager

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



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## 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	ND	ND
Delta 8-THC	0.0020	0.0059	ND	ND
CBC	0.00070	0.0021	ND	ND
<b>THCA</b>	<b>0.0024</b>	<b>0.0073</b>	<b>99.6640</b>	<b>996.640</b>
Total CBD			ND	ND
<b>Total THC</b>			<b>87.41</b>	<b>874.05</b>
<b>Total Cannabinoids</b>			<b>99.66</b>	<b>996.64</b>

Date Tested: 7/10/2024

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

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## 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: 7/10/2024



# Certificate of Analysis

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## Residual Solvents Analysis

Pass

Analyte	LOQ (µg/g)	Limit (µg/g)	Mass (µg/g)	Status
Acetone	100	5000	ND	Pass
Acetonitrile	100	410	ND	Pass
Benzene	1	1	ND	Pass
Butane	100	5000	ND	Pass
Chloroform	1	1	ND	Pass
1,2-Dichloroethane	1	1	ND	Pass
Ethanol	100	5000	ND	Pass
Ethyl Acetate	100	5000	ND	Pass
Ethyl Ether	100	5000	ND	Pass
Ethylene Oxide	1	1	ND	Pass
Heptane	100	5000	ND	Pass
n-Hexane	100	290	ND	Pass
Isopropanol	100	5000	ND	Pass
Methanol	100	3000	ND	Pass
Methylene Chloride	1	1	ND	Pass
Pentane	100	5000	<LOQ	Pass
Propane	100	5000	ND	Pass
Toluene	100	890	ND	Pass
Trichloroethylene	1	1	ND	Pass
Xylenes	100	2170	ND	Pass

Date Tested: 7/10/2024

## 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: 7/10/2024

## 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	ND	Pass
Mercury	0.025	0.100	ND	Pass

Date Tested: 7/11/2024

# Certificate of Analysis

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## Microbial Analysis

Pass

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

Date Tested: 7/11/2024

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.

#### Residual Solvents Analysis - 20 compounds (USP\_467)

FESA Labs - Santa Ana, CA

USP current revision, Chapter 62.

United States Pharmacopeia, 38nd Rev. - National Formulary 33th Ed., Method <467>, USP Convention, Inc., Rockville, MD (2015) (modified).

#### 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](http://www.fesalabs.com)





## CERTIFICATE OF ANALYSIS



### REPORT PREPARED FOR:

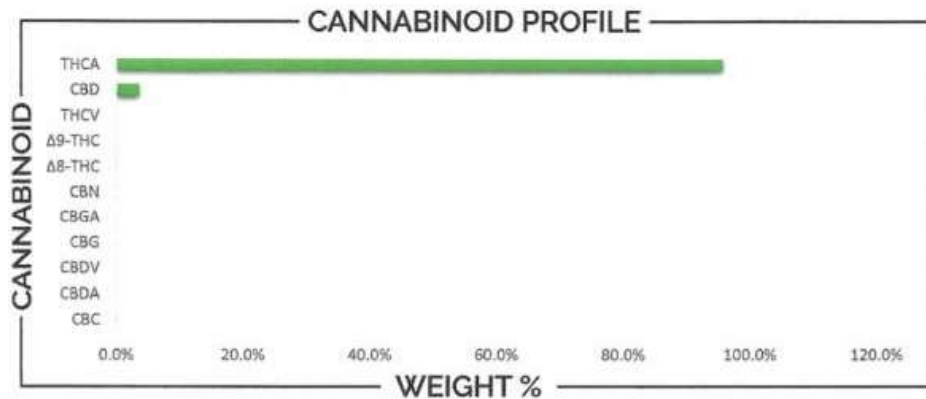
IJS Farm Inc  
825C Merrimon Ave #213  
Asheville, NC 28804

PROJECT# 23014985  
REPORT DATE 9/12/2023

SAMPLE NAME: THCA - Crumble  
DATE RECEIVED: 9/11/2023

LAB ID: 53033404

THCa	TOTAL CBD	TOTAL CANNABINOIDS
95.70%	3.61%	99.32%



CANNABINOID	WEIGHT (%)	MG/G
CBC	ND	ND
CBD	3.61	36.11
CBDA	ND	ND
CBDV	ND	ND
CBG	ND	ND
CBGA	ND	ND
CBN	ND	ND
Δ8-THC	ND	ND
Δ9-THC	ND	ND
THCA	95.70	957.05
THCV	ND	ND



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

Prepared By: BRB  
Prep Date: 9/11/2023  
Batch ID: SEP123A-POT

Analyzed By: BRB  
Analysis Date: 9/12/2023



APPROVED BY:  
**JUSTIN HALL**  
LAB DIRECTOR

*J. Hall*  
SIGNATURE

9/12/2023  
SIGNED ON

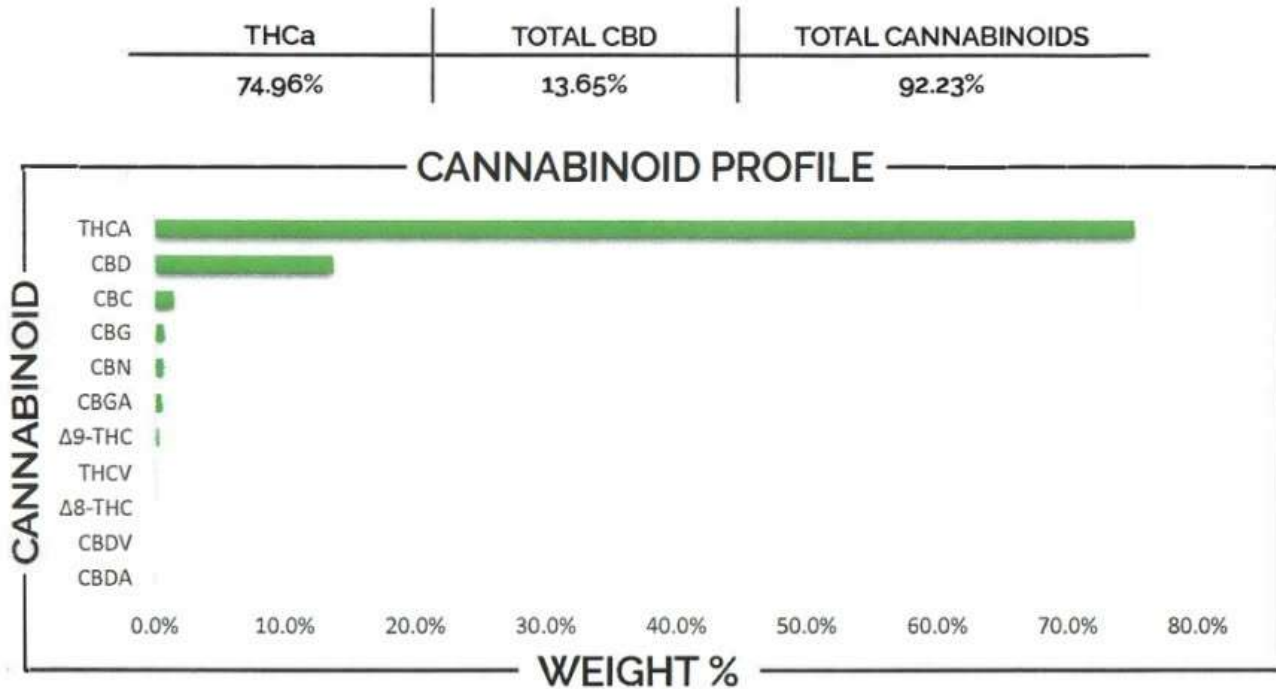
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**REPORT PREPARED FOR:**

 IJS Farm Inc  
 825C Merrimon Ave #213  
 Asheville, NC 288C

**PROJECT#** 23014985  
**REPORT DATE** 9/5/2023

**SAMPLE NAME:** THCA - Butter  
**DATE RECEIVED:** 9/1/2023

**LAB ID:** 53033405


CANNABINOID	WEIGHT (%)	MG/G
CBC	1.47	14.75
CBD	13.65	136.49
CBDA	ND	ND
CBDV	ND	ND
CBG	0.71	7.10
CBGA	0.53	5.35
CBN	0.65	6.47
Δ8-THC	ND	ND
Δ9-THC	0.25	2.51
THCA	74.96	749.64
THCV	ND	ND

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

 Prepared By: BRB  
 Prep Date: 9/1/2023  
 Batch ID: SEP0123A-POT

 Analyzed By: BRB  
 Analysis Date: 9/1/2023


## REPORT PREPARED FOR:

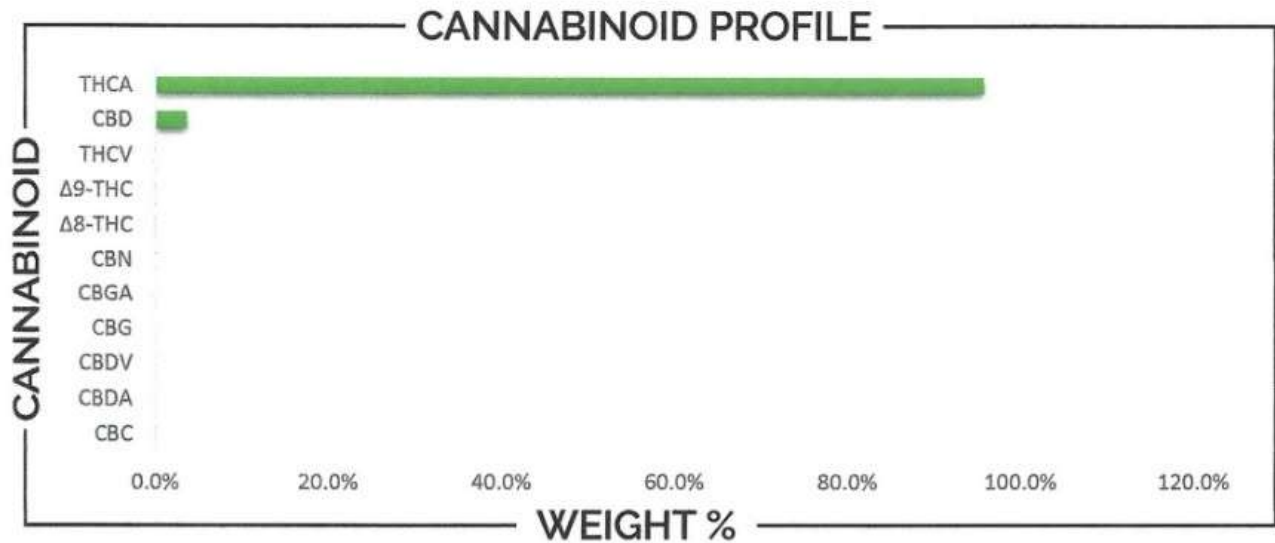
IJS Farm Inc  
 825C Merrimon Ave #213  
 Asheville, NC 28804

PROJECT# 23014985  
 REPORT DATE 9/12/2023

SAMPLE NAME: THCA - Crumble  
 DATE RECEIVED: 9/11/2023

LAB ID: 53033404

THCa	TOTAL CBD	TOTAL CANNABINOIDS
95.70%	3.61%	99.32%



CANNABINOID	WEIGHT (%)	MG/G
CBC	ND	ND
CBD	3.61	36.11
CBDA	ND	ND
CBDV	ND	ND
CBG	ND	ND
CBGA	ND	ND
CBN	ND	ND
Δ8-THC	ND	ND
Δ9-THC	ND	ND
THCA	95.70	957.05
THCV	ND	ND



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

Prepared By: BRB  
 Prep Date: 9/11/2023  
 Batch ID: SEP1123A-POT

Analyzed By: BRB  
 Analysis Date: 9/11/2023



APPROVED BY:  
**JUSTIN HALL**  
 LAB DIRECTOR

*J. Hall*  
 SIGNATURE

9/12/2023  
 SIGNED ON

## Certificate of Analysis

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

### Frost

Client: Healthy Alternatives



Total CBD	ND
Total THC	27.40 %
Total Cannabinoids	31.21 %

Sample Name:  
Frost

Matrix:  
Plant

Unit Mass:  
1 g per unit

Sample ID:

Date Received:  
6/14/2024

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

This certificate of analysis is responsible for the tested sample only and is for research and development (R&D) use only. This certificate of analysis shall not be reproduced, except in its entirety, without the written approval of FESA Labs. FESA Labs shall not be liable for any damage that may result from the data contained herein in any way. FESA Labs makes no claim to the efficacy, safety or other risks associated with any detected or non-detected amounts of any substances reported herein. If there are any questions with this report please email info@fesalabs.com. This certificate of analysis is intended only for the use of the party to whom it is addressed and may contain information that is confidential or protected from disclosure under applicable law. If you have received this document in error, please immediately contact us.

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

FESA Labs  
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Santa Ana, CA 92705  
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## Certificate of Analysis

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

### 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	0.0080	0.0024	ND	ND
Delta 9-THC	0.0022	0.0067	0.190	1.90
Delta 8-THC	0.0020	0.0059	ND	ND
CBC	0.00070	0.0021	ND	ND
THCA	0.0024	0.0073	31.024	310.24
Total CBD			ND	ND
Total THC			27.40	273.98
Total Cannabinoids			31.21	312.14

Date Tested: 6/14/2024  
Total THC = THCA \* 0.877 + Δ9-THC + Δ8-THC  
Total CBD = CBDA \* 0.877 + CBD

#### Method References:

#### Testing Location

Cannabinoid Profile (UNODC)

FESA Labs - Santa Ana, CA

Official Methods of Analysis, Method 2018.11 AOAC INTERNATIONAL (modified), Lukas Vackovic, Frantisek Benes, Alex Krmela, Veronika Srobozdova, Jana Hajsova, 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

#### Testing Location:

FESA Labs