

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

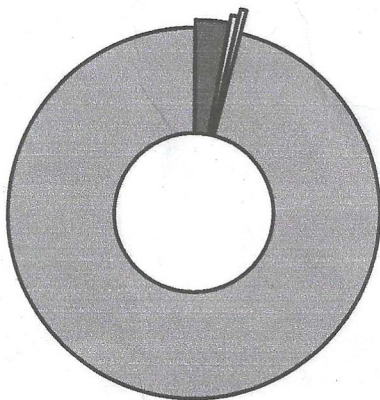
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Total THC (THCA*0.877+d9-THC)	21.1%
Total CBD (CBDA*0.877+CBD)	<LOQ%
Moisture Content	13.8%

Cannabinoid	% Weight	mg/g
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
Total Cannabinoids	24.89	249.0

*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

Certificate of Analysis

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GMO

Client: Healthy Alternatives

Total CBD	ND
Total THC	29.03 %
Total Cannabinoids	33.09 %

Sample Name:
GMOMatrix:
PlantUnit Mass:
1 g per unit

Sample ID:

Date Received:
7/16/2024Approved By:
Marie True, M.S.
Laboratory Manager

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Certificate of Analysis

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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

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

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 Krmeis, 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

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

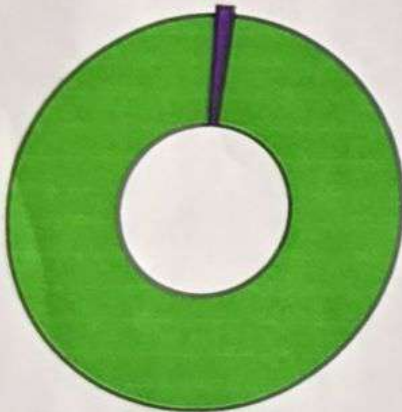
Reference Method: JCB 2009: HPLC/DAD

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
Total Cannabinoids	28.50	285.0

*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

Certificate of Analysis

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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)

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

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

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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



CERTIFICATE OF ANALYSIS



REPORT PREPARED FOR:

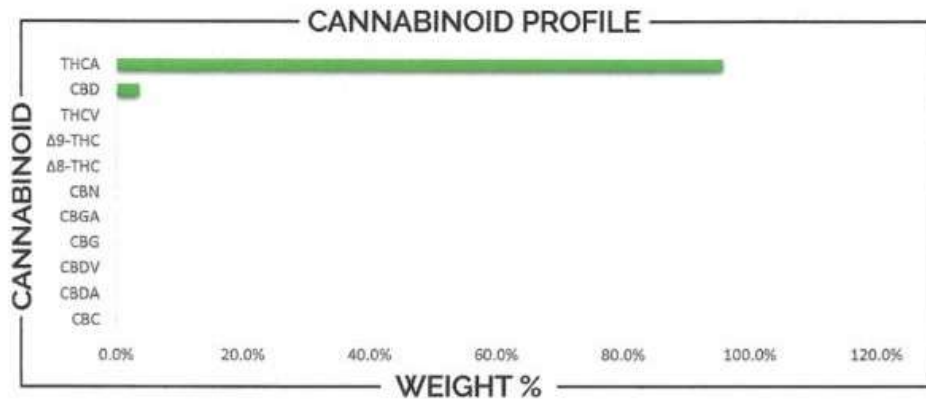
IJS Farm Inc
825C Merrimon Ave #213
Asheville, NC 28804

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: BRS
Prep Date: 9/11/2023
Batch ID: SEP123A-POT

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



APPROVED BY:
JUSTIN HALL
LAB DIRECTOR

J. Hall
SIGNATURE

9/12/2023
SIGNED ON

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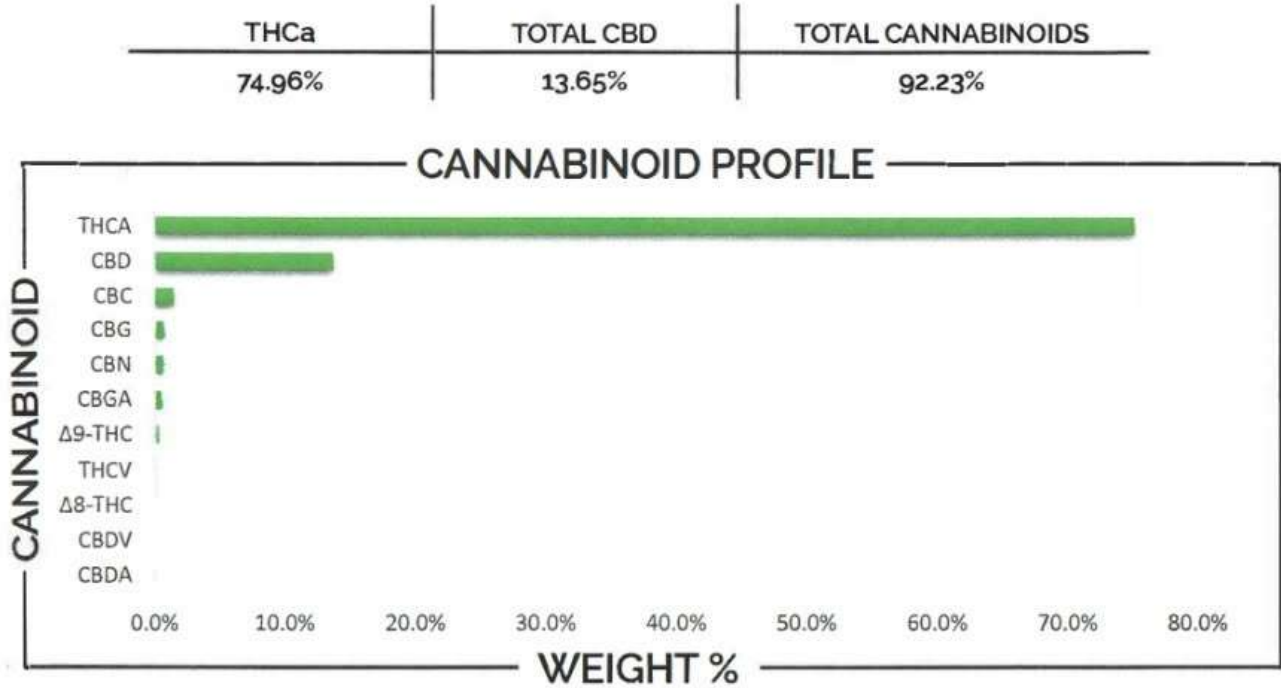
REPORT PREPARED FOR:

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:

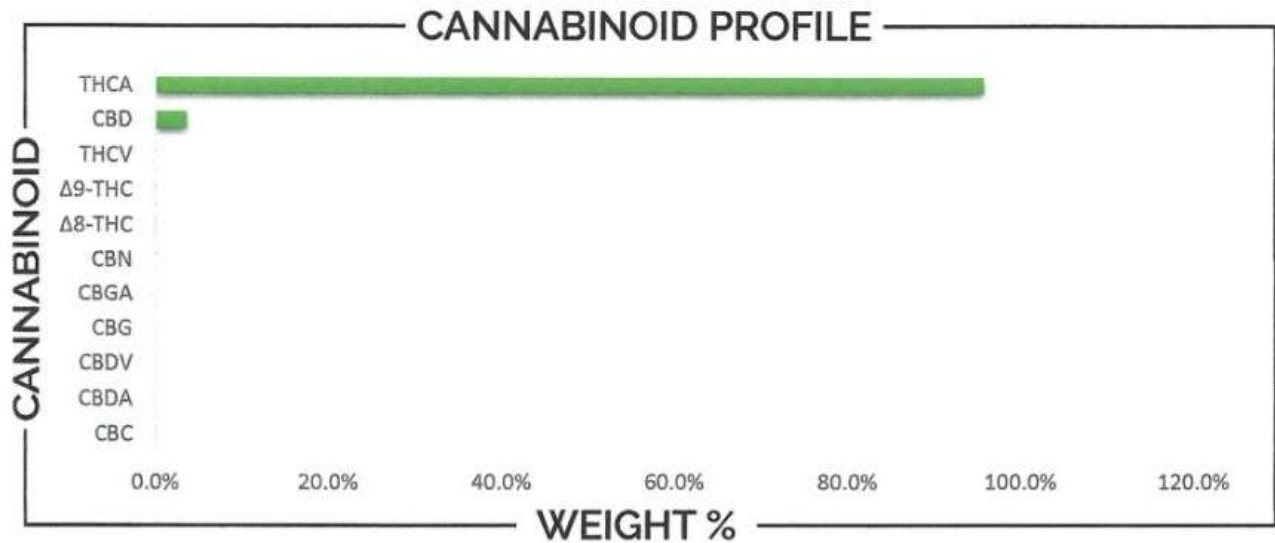
IJS Farm Inc
 825C Merrimon Ave #213
 Asheville, NC 28804

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
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Certificate of Analysis

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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

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

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

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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	0.0080	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 Sroboodova, 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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Super Runtz

Client: Healthy Alternatives
Sample Name: Super Runtz
Batch Number: N/A

Matrix: Plant
Unit Mass: 1 g per unit

Sample ID: 6750821-1
Date Received: 8/21/2025



Total CBD	20.78 %
Delta 9-THC	0.13 %
THCA	0.21 %
Total Cannabinoids	23.17 %

Cannabinoid Analysis

Complete

Analyte	LOD (%)	LOQ (%)	Mass (%)	Mass (mg/g)
CBDV	0.0035	0.011	ND	ND
CBD	0.0030	0.0090	6.122	61.22
CBG	0.0038	0.011	ND	ND
CBDA	0.0017	0.0052	16.713	167.13
CBN	0.00080	0.0024	ND	ND
Delta 9-THC	0.0022	0.0067	0.125	1.25
Delta 8-THC	0.0020	0.0059	ND	ND
CBC	0.00070	0.0021	ND	ND
THCA	0.0024	0.0073	0.207	2.07
Total CBD			20.779	207.79
Total THC			0.307	3.07
Total Cannabinoids			23.168	231.68

Date Tested: 8/21/2025

Total THC = THCA * 0.877 + d9-THC + d8-THC; Total CBD = CBDA * 0.877 + CBD

Method References:

Hemp Profile (SOP HPLC Hemp by UV-Detection)

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