FOOD & ENVIRONMENT SAFETY ANALYTICAL LAB

Sample ID: 6750207-9
Date Issued: 2/8/25

Certificate of Analysis

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

Purple Slime

Client: Healthy Alternatives
Sample Name: Purple Slime
Batch Number: N/A

Matrix: Plant
Unit Mass: 1 g per unit

Sample ID: 6750207-9
Date Received: 2/7/2025

Total CBD	**ND**
Delta 9-THC	**0.13 %**
THCA	**31.18 %**
Total Cannabinoids	**31.31 %**

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**	**0.130**	**1.30**
Delta 8-THC	0.0020	0.0059	ND	ND
CBC	0.00070	0.0021	ND	ND
THCA	**0.0024**	**0.0073**	**31.178**	**311.78**
Total CBD			ND	ND
Total THC			**27.473**	**274.73**
Total Cannabinoids			**31.308**	**313.08**

Date Tested: 2/7/2025

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)

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

FOOD & ENVIRONMENT SAFETY ANALYTICAL LAB

Sample ID: 6740530-3
Date Issued: 5/30/24

Certificate of Analysis

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

Bio Diesel

Client: Healthy Alternatives

Total CBD	**ND**
Total THC	**25.56 %**
Total Cannabinoids	**29.13 %**

Sample Name:
Bio Diesel

Matrix:
Plant

Unit Mass:
1 g per unit

Sample ID:
6740530-3

Date Received:
5/30/2024

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

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FOOD & ENVIRONMENT SAFETY ANALYTICAL LAB

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**	**0.138**	**1.38**
Delta 8-THC	0.0020	0.0059	ND	ND
CBC	0.00070	0.0021	ND	ND
THCA	**0.0024**	**0.0073**	**28.991**	**289.91**
Total CBD			ND	ND
Total THC			**25.56**	**255.63**
Total Cannabinoids			**29.13**	**291.29**

Date Tested: 5/30/2024

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 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

Testing Location:

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2002 S. Grand Ave., Suite A
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(714) 540-0172
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FOOD & ENVIRONMENT SAFETY ANALYTICAL LAB

Sample ID: 6740530-4
Date Issued: 5/30/24

Certificate of Analysis

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Birthday Cake

Client: Healthy Alternatives

Total CBD	**ND**
Total THC	**26.67 %**
Total Cannabinoids	**30.38 %**

Sample Name:
Birthday Cake

Matrix:
Plant

Unit Mass:
1 g per unit

Sample ID:
6740530-4

Date Received:
5/30/2024

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)

FOOD & ENVIRONMENT SAFETY ANALYTICAL LAB

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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**	**0.222**	**2.22**
Delta 8-THC	0.0020	0.0059	ND	ND
CBC	0.00070	0.0021	ND	ND
THCA	**0.0024**	**0.0073**	**30.153**	**301.53**
Total CBD			ND	ND
Total THC			**26.67**	**266.66**
Total Cannabinoids			**30.38**	**303.75**

Date Tested: 5/30/2024

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 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

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Sample ID:
Date Issued: 1/13/25

Certificate of Analysis

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Biscotti Diesel

Client: AKA Flower

Total CBD	**ND**
Total THC	**28.61 %**
Total Cannabinoids	**32.61 %**

Sample Name:
Biscotti Diesel

Matrix:
Plant

Unit Mass:
1 g per unit

Sample ID:

Date Received:
1/13/2025

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

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FOOD & ENVIRONMENT SAFETY ANALYTICAL LAB

Certificate of Analysis

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Client: AKA Flower

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**	**0.131**	**1.31**
Delta 8-THC	0.0020	0.0059	ND	ND
CBC	0.00070	0.0021	ND	ND
THCA	**0.0024**	**0.0073**	**32.477**	**324.77**
Total CBD			ND	ND
Total THC			**28.613**	**286.13**
Total Cannabinoids			**32.608**	**326.08**

Date Tested: 1/13/2025

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)

FOOD & ENVIRONMENT SAFETY ANALYTICAL LAB

Sample ID: 6741023-5
Date Issued: 10/24/24

Certificate of Analysis

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Black Ice

Client: Healthy Alternatives

Total CBD	**ND**
Total THC	**25.07 %**
Total Cannabinoids	**28.58 %**

Sample Name:
Black Ice

Matrix:
Plant

Unit Mass:
1 g per unit

Sample ID:
6741023-5

Date Received:
10/23/2024

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)

FOOD & ENVIRONMENT SAFETY ANALYTICAL LAB

Sample ID: 6741023-5
Date Issued: 10/24/24

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**	**0.077**	**0.77**
Delta 8-THC	0.0020	0.0059	ND	ND
CBC	0.00070	0.0021	ND	ND
THCA	**0.0024**	**0.0073**	**28.500**	**285.00**
Total CBD			ND	ND
Total THC			**25.071**	**250.71**
Total Cannabinoids			**28.577**	**285.77**

Date Tested: 10/23/2024

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 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

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Testing Location:

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2002 S. Grand Ave., Suite A
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FOOD & ENVIRONMENT SAFETY ANALYTICAL LAB

Sample ID: 6740529-1
Date Issued: 5/29/24

Certificate of Analysis

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Blanco

Client: Healthy Alternatives

Total CBD	**ND**
Total THC	**24.69 %**
Total Cannabinoids	**28.13 %**

Sample Name:
Blanco

Matrix:
Plant

Unit Mass:
1 g per unit

Sample ID:
6740529-1

Date Received:
5/29/2024

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

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FOOD & ENVIRONMENT SAFETY ANALYTICAL LAB

Sample ID: 6740529-1
Date Issued: 5/29/24

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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**	**0.194**	**1.94**
Delta 8-THC	0.0020	0.0059	ND	ND
CBC	0.00070	0.0021	ND	ND
THCA	**0.0024**	**0.0073**	**27.934**	**279.34**
Total CBD			ND	ND
Total THC			**24.69**	**246.93**
Total Cannabinoids			**28.13**	**281.28**

Date Tested: 5/29/2024

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 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

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Testing Location:

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FOOD & ENVIRONMENT SAFETY ANALYTICAL LAB

Sample ID: 6740306-2
Date Issued: 3/6/24

Certificate of Analysis

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

Blueberry Skittlez

Client: Scott

Total CBD	**ND**
Total THC	**25.56 %**
Total Cannabinoids	**29.11 %**

Sample Name:
Blueberry Skittlez

Matrix:
Plant

Unit Mass:
1 g per unit

Sample ID:
6740306-2

Date Received:
3/6/2024

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

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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**	**0.255**	**2.55**
Delta 8-THC	0.0020	0.0059	ND	ND
CBC	0.00070	0.0021	ND	ND
THCA	**0.0024**	**0.0073**	**28.857**	**288.57**
Total CBD			ND	ND
Total THC			**25.56**	**255.63**
Total Cannabinoids			**29.11**	**291.13**

Date Tested: 3/6/2024

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 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

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FOOD & ENVIRONMENT SAFETY ANALYTICAL LAB

Sample ID: 6740620-1
Date Issued: 6/20/24

Certificate of Analysis

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Blue Dream

Client: Healthy Alternatives

Total CBD	**ND**
Total THC	**26.05 %**
Total Cannabinoids	**29.70 %**

Sample Name:
Blue Dream

Matrix:
Plant

Unit Mass:
1 g per unit

Sample ID:
6740620-1

Date Received:
6/20/2024

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)

FOOD & ENVIRONMENT SAFETY ANALYTICAL LAB

Sample ID: 6740620-1
Date Issued: 6/20/24

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**	**0.017**	**0.17**
Delta 8-THC	0.0020	0.0059	ND	ND
CBC	0.00070	0.0021	ND	ND
THCA	**0.0024**	**0.0073**	**29.683**	**296.83**
Total CBD			ND	ND
Total THC			**26.05**	**260.49**
Total Cannabinoids			**29.70**	**297.00**

Date Tested: 6/20/2024

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 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

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Testing Location:

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FOOD & ENVIRONMENT SAFETY ANALYTICAL LAB

Sample ID: 6740620-1
Date Issued: 6/20/24

Certificate of Analysis

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Blue Dream

Client: Healthy Alternatives

Total CBD	**ND**
Total THC	**26.05 %**
Total Cannabinoids	**29.70 %**

Sample Name:
Blue Dream

Matrix:
Plant

Unit Mass:
1 g per unit

Sample ID:
6740620-1

Date Received:
6/20/2024

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)

FOOD & ENVIRONMENT SAFETY ANALYTICAL LAB

Sample ID: 6740620-1
Date Issued: 6/20/24

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**	**0.017**	**0.17**
Delta 8-THC	0.0020	0.0059	ND	ND
CBC	0.00070	0.0021	ND	ND
THCA	**0.0024**	**0.0073**	**29.683**	**296.83**
Total CBD			ND	ND
Total THC			**26.05**	**260.49**
Total Cannabinoids			**29.70**	**297.00**

Date Tested: 6/20/2024

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 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

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Testing Location:

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

FOOD & ENVIRONMENT SAFETY ANALYTICAL LAB

Sample ID:
Date Issued: 1/10/25

Certificate of Analysis

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

Blue Nerdz

Client: Healthy Alternatives

Total CBD	**ND**
Total THC	**27.95 %**
Total Cannabinoids	**31.84 %**

Sample Name:
Blue Nerdz

Matrix:
Plant

Unit Mass:
1 g per unit

Sample ID:

Date Received:
1/9/2025

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)

FOOD & ENVIRONMENT SAFETY ANALYTICAL LAB

Certificate of Analysis

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

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**	**0.232**	**2.32**
Delta 8-THC	0.0020	0.0059	ND	ND
CBC	0.00070	0.0021	ND	ND
THCA	**0.0024**	**0.0073**	**31.604**	**316.04**
Total CBD			ND	ND
Total THC			**27.949**	**279.49**
Total Cannabinoids			**31.837**	**318.37**

Date Tested: 1/9/2025

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)

FOOD & ENVIRONMENT SAFETY ANALYTICAL LAB

Sample ID: 6741211-6
Date Issued: 12/11/24

Certificate of Analysis

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

Blue Skittles

Client: Healthy Alternatives

Total CBD	**ND**
Total THC	**24.69 %**
Total Cannabinoids	**28.12 %**

Sample Name:
Blue Skittles

Matrix:
Plant

Unit Mass:
1 g per unit

Sample ID:
6741211-6

Date Received:
12/11/2024

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)

FOOD & ENVIRONMENT SAFETY ANALYTICAL LAB

Sample ID: 6741211-6
Date Issued: 12/11/24

Certificate of Analysis

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

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**	**0.186**	**1.86**
Delta 8-THC	0.0020	0.0059	ND	ND
CBC	0.00070	0.0021	ND	ND
THCA	**0.0024**	**0.0073**	**27.935**	**279.35**
Total CBD			ND	ND
Total THC			**24.685**	**246.85**
Total Cannabinoids			**28.121**	**281.21**

Date Tested: 12/11/2024

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)

FOOD & ENVIRONMENT SAFETY ANALYTICAL LAB

Sample ID: 6740530-4
Date Issued: 5/30/24

Certificate of Analysis

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

Blue Slushi

Client: Healthy Alternatives

Total CBD	**ND**
Total THC	**26.67 %**
Total Cannabinoids	**30.38 %**

Sample Name:
Blue Slushi

Matrix:
Plant

Unit Mass:
1 g per unit

Sample ID:
6740530-4

Date Received:
5/30/2024

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)

FOOD & ENVIRONMENT SAFETY ANALYTICAL LAB

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**	**0.222**	**2.22**
Delta 8-THC	0.0020	0.0059	ND	ND
CBC	0.00070	0.0021	ND	ND
THCA	**0.0024**	**0.0073**	**30.153**	**301.53**
Total CBD			ND	ND
Total THC			**26.67**	**266.66**
Total Cannabinoids			**30.38**	**303.75**

Date Tested: 5/30/2024

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 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

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FOOD & ENVIRONMENT SAFETY ANALYTICAL LAB

Sample ID: 6750318-5
Date Issued: 3/18/25

Certificate of Analysis

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

Bolo Runtz

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

Matrix: Plant
Unit Mass: 1 g per unit

Sample ID: 6750318-5
Date Received: 3/18/2025

Total CBD	**ND**
Delta 9-THC	**0.11 %**
THCA	**31.82 %**
Total Cannabinoids	**31.94 %**

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**	**0.113**	**1.13**
Delta 8-THC	0.0020	0.0059	ND	ND
CBC	0.00070	0.0021	ND	ND
THCA	**0.0024**	**0.0073**	**31.825**	**318.25**
Total CBD			ND	ND
Total THC			**28.023**	**280.23**
Total Cannabinoids			**31.938**	**319.38**

Date Tested: 3/18/2025

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

FOOD & ENVIRONMENT SAFETY ANALYTICAL LAB

Sample ID: 6740614-1
Date Issued: 6/14/24

Certificate of Analysis

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Bruce Banner

Client: Healthy Alternatives

Total CBD	**ND**
Total THC	**27.40 %**
Total Cannabinoids	**31.21 %**

Sample Name:
Bruce Banner

Matrix:
Plant

Unit Mass:
1 g per unit

6740614-1

Date Received:
6/14/2024

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)

FOOD & ENVIRONMENT SAFETY ANALYTICAL LAB

Sample ID: 6740614-1
Date Issued: 6/14/24

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**	**0.190**	**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 + 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 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

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Testing Location:

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

FOOD &
ENVIRONMENT
SAFETY
ANALYTICAL LAB

Sample ID: 6740614-1
Date Issued: 6/14/24

FOOD & ENVIRONMENT SAFETY ANALYTICAL LAB

Sample ID: 6740812-1
Date Issued: 8/13/24

Certificate of Analysis

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

Candy Gelato

Client: Healthy Alternatives

Total CBD	**ND**
Total THC	**29.39 %**
Total Cannabinoids	**33.49 %**

Sample Name:
Candy Gelato

Matrix:
Plant

Unit Mass:
1 g per unit

Sample ID:
6740812-1

Date Received:
8/12/2024

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)

FOOD & ENVIRONMENT SAFETY ANALYTICAL LAB

Sample ID: 6740812-1
Date Issued: 8/13/24

Certificate of Analysis

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

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**	**0.155**	**1.55**
Delta 8-THC	0.0020	0.0059	ND	ND
CBC	0.00070	0.0021	ND	ND
THCA	**0.0024**	**0.0073**	**33.332**	**333.32**
Total CBD			ND	ND
Total THC			**29.387**	**293.87**
Total Cannabinoids			**33.487**	**334.87**

Date Tested: 8/12/2024

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 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

Testing Location:

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

FOOD & ENVIRONMENT SAFETY ANALYTICAL LAB

Sample ID: 6740805-3
Date Issued: 8/6/24

Certificate of Analysis

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

Candy Ringz

Client: Healthy Alternatives

Total CBD	**ND**
Total THC	**27.07 %**
Total Cannabinoids	**30.84 %**

Sample Name:
Candy Ringz

Matrix:
Plant

Unit Mass:
1 g per unit

Sample ID:
6740805-3

Date Received:
8/5/2024

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)

FOOD & ENVIRONMENT SAFETY ANALYTICAL LAB

Sample ID: 6740805-3
Date Issued: 8/6/24

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**	**0.134**	**1.34**
Delta 8-THC	0.0020	0.0059	ND	ND
CBC	0.00070	0.0021	ND	ND
THCA	**0.0024**	**0.0073**	**30.711**	**307.11**
Total CBD			ND	ND
Total THC			**27.067**	**270.67**
Total Cannabinoids			**30.844**	**308.44**

Date Tested: 8/5/2024

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 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

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Testing Location:

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FOOD & ENVIRONMENT SAFETY ANALYTICAL LAB

Sample ID: 6740716-3
Date Issued: 7/16/24

Certificate of Analysis

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

Cheddar Cheese

Client: Healthy Alternatives

Total CBD	**ND**
Total THC	**27.08 %**
Total Cannabinoids	**30.87 %**

Sample Name:
Cheddar Cheese

Matrix:
Plant

Unit Mass:
1 g per unit

Sample ID:
6740716-3

Date Received:
7/16/2024

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)

FOOD & ENVIRONMENT SAFETY ANALYTICAL LAB

Sample ID: 6740716-3
Date Issued: 7/16/24

Certificate of Analysis

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

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**	**0.091**	**0.91**
Delta 8-THC	0.0020	0.0059	ND	ND
CBC	0.00070	0.0021	ND	ND
THCA	**0.0024**	**0.0073**	**30.778**	**307.78**
Total CBD			ND	ND
Total THC			**27.083**	**270.83**
Total Cannabinoids			**30.869**	**308.69**

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 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

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Certificate of Analysis

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

Cherry Dior

Client: Healthy Alternatives
Sample Name: Cherry Dior
Batch Number: N/A

Matrix: Plant
Unit Mass: 1 g per unit

Sample ID:
Date Issued: 2/5/25

Total CBD	**ND**
Delta 9-THC	**0.20 %**
THCA	**29.83 %**
Total Cannabinoids	**30.03 %**

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**	**0.202**	**2.02**
Delta 8-THC	0.0020	0.0059	ND	ND
CBC	0.00070	0.0021	ND	ND
THCA	**0.0024**	**0.0073**	**29.826**	**298.26**
Total CBD			ND	ND
Total THC			**26.359**	**263.59**
Total Cannabinoids			**30.028**	**300.28**

Date Tested: 2/4/2025

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)

FESA Labs
(714) 540-0172
www.fesalabs.com

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

FOOD & ENVIRONMENT SAFETY ANALYTICAL LAB

Certificate of Analysis

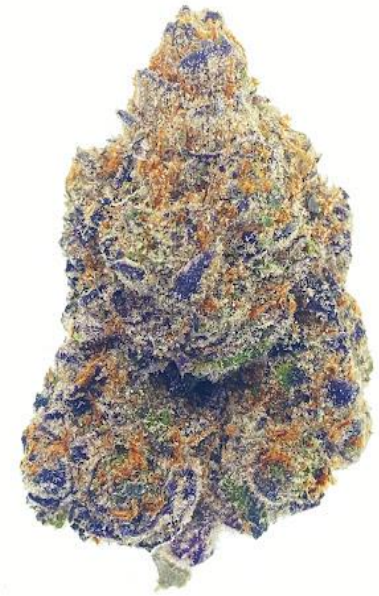
For R&D Use Only - Not a California Compliance Certificate.

Cherry Haze

Client: Healthy Alternatives
Sample Name: Cherry Haze
Batch Number: N/A

Matrix: Plant
Unit Mass: 1 g per unit

Sample ID:
Date Issued: 1/31/25



Total CBD	**ND**
Delta 9-THC	**0.05 %**
THCA	**32.42 %**
Total Cannabinoids	**32.48 %**

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**	**0.054**	**0.54**
Delta 8-THC	0.0020	0.0059	ND	ND
CBC	0.00070	0.0021	ND	ND
THCA	**0.0024**	**0.0073**	**32.421**	**324.21**
Total CBD			ND	ND
Total THC			**28.488**	**284.88**
Total Cannabinoids			**32.476**	**324.76**

Date Tested: 1/30/2025

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)

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

FOOD & ENVIRONMENT SAFETY ANALYTICAL LAB

Sample ID: 6740613-5
Date Issued: 6/13/24

Certificate of Analysis

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Cough Syrup

Client: Healthy Alternatives

Total CBD	**ND**
Total THC	**27.51 %**
Total Cannabinoids	**31.33 %**

Sample Name:
Cough Syrup

Matrix:
Plant

Unit Mass:
1 g per unit

Sample ID:
6740613-5

Date Received:
6/13/2024

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

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FOOD & ENVIRONMENT SAFETY ANALYTICAL LAB

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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**	**0.253**	**2.53**
Delta 8-THC	0.0020	0.0059	ND	ND
CBC	0.00070	0.0021	ND	ND
THCA	**0.0024**	**0.0073**	**31.078**	**310.78**
Total CBD			ND	ND
Total THC			**27.51**	**275.08**
Total Cannabinoids			**31.33**	**313.31**

Date Tested: 6/13/2024

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 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

Testing Location:

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

FOOD & ENVIRONMENT SAFETY ANALYTICAL LAB

Sample ID:
Date Issued: 8/13/24

Certificate of Analysis

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Creme Brulee

Client: Healthy Alternatives

Total CBD	**ND**
Total THC	**28.21 %**
Total Cannabinoids	**32.14 %**

Sample Name:
Creme Brulee

Matrix:
Plant

Unit Mass:
1 g per unit

Sample ID:

Date Received:
8/12/2024

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)

FOOD & ENVIRONMENT SAFETY ANALYTICAL LAB

Sample ID: 6740812-5
Date Issued: 8/13/24

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**	**0.165**	**1.65**
Delta 8-THC	0.0020	0.0059	ND	ND
CBC	0.00070	0.0021	ND	ND
THCA	**0.0024**	**0.0073**	**31.978**	**319.78**
Total CBD			ND	ND
Total THC			**28.210**	**282.10**
Total Cannabinoids			**32.143**	**321.43**

Date Tested: 8/12/2024

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 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

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FOOD & ENVIRONMENT SAFETY ANALYTICAL LAB

Sample ID: 6740304-3
Date Issued: 3/4/24

Certificate of Analysis

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Dip N Stix

Client: Scott

Total CBD	**ND**
Total THC	**21.87 %**
Total Cannabinoids	**24.90 %**

Sample Name:
Dip N Stix

Matrix:
Plant

Unit Mass:
1 g per unit

Sample ID:
6740304-3

Date Received:
3/4/2024

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

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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**	**0.223**	**2.23**
Delta 8-THC	0.0020	0.0059	ND	ND
CBC	0.00070	0.0021	ND	ND
THCA	**0.0024**	**0.0073**	**24.679**	**246.79**
Total CBD			ND	ND
Total THC			**21.87**	**218.67**
Total Cannabinoids			**24.90**	**249.02**

Date Tested: 3/4/2024

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 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

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Sample ID: 6740304-1
Date Issued: 3/4/24

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Peanut Butter Blitz

Client: Scott

Total CBD	**ND**
Total THC	**25.82 %**
Total Cannabinoids	**29.43 %**

Sample Name:
Peanut Butter Blitz

Matrix:
Plant

Unit Mass:
1 g per unit

Sample ID:
6740304-1

Date Received:
3/4/2024

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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Sample ID: 6740304-1
Date Issued: 3/4/24

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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**	**0.037**	**0.37**
Delta 8-THC	0.0020	0.0059	ND	ND
CBC	0.00070	0.0021	ND	ND
THCA	**0.0024**	**0.0073**	**29.396**	**293.96**
Total CBD			ND	ND
Total THC			**25.82**	**258.18**
Total Cannabinoids			**29.43**	**294.33**

Date Tested: 3/4/2024

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 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

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FOOD & ENVIRONMENT SAFETY ANALYTICAL LAB

Sample ID: 6731220-2
Date Issued: 12/16/24

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Double Runtz

Client: Scott

Total CBD	**ND**
Total THC	**20.29 %**
Total Cannabinoids	**23.10 %**

Sample Name:
Double Runtz

Matrix:
Plant

Unit Mass:
1 g per unit

Sample ID:

Date Received:
12/16/2024

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

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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**	**0.26**	**2.58**
Delta 8-THC	0.0020	0.0059	ND	ND
CBC	0.00070	0.0021	ND	ND
THCA	**0.0024**	**0.0073**	**22.84**	**228.41**
Total CBD			ND	ND
Total THC			**20.29**	**202.89**
Total Cannabinoids			**23.10**	**230.99**

Date Tested: 12/16/2024

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 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

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Sample ID: 6740304-3
Date Issued: 3/4/24

Certificate of Analysis

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E85

Client: Scott

Total CBD	**ND**
Total THC	**21.87 %**
Total Cannabinoids	**24.90 %**

Sample Name:
E85

Matrix:
Plant

Unit Mass:
1 g per unit

Sample ID:
6740304-3

Date Received:
3/4/2024

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

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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**	**0.223**	**2.23**
Delta 8-THC	0.0020	0.0059	ND	ND
CBC	0.00070	0.0021	ND	ND
THCA	**0.0024**	**0.0073**	**24.679**	**246.79**
Total CBD			ND	ND
Total THC			**21.87**	**218.67**
Total Cannabinoids			**24.90**	**249.02**

Date Tested: 3/4/2024

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 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

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Testing Location:

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FOOD & ENVIRONMENT SAFETY ANALYTICAL LAB

Sample ID:
Date Issued: 11/5/24

Certificate of Analysis

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Frosted Donutz

Client: Healthy Alternatives

Total CBD	**ND**
Total THC	**27.37 %**
Total Cannabinoids	**31.19 %**

Sample Name:
Frosted Donutz

Matrix:
Plant

Unit Mass:
1 g per unit

Sample ID:

Date Received:
11/4/2024

Approved 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**	**0.141**	**1.41**
Delta 8-THC	0.0020	0.0059	ND	ND
CBC	0.00070	0.0021	ND	ND
THCA	**0.0024**	**0.0073**	**31.048**	**310.48**
Total CBD			ND	ND
Total THC			**27.370**	**273.70**
Total Cannabinoids			**31.189**	**311.89**

Date Tested: 11/4/2024

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 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

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Testing Location:

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FOOD & ENVIRONMENT SAFETY ANALYTICAL LAB

Sample ID: 6740304-1
Date Issued: 3/4/24

Certificate of Analysis

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Garlotti Runtz

Client: Scott

Total CBD	**ND**
Total THC	**25.82 %**
Total Cannabinoids	**29.43 %**

Sample Name:
Garlotti Runtz

Matrix:
Plant

Unit Mass:
1 g per unit

Sample ID:
6740304-1

Date Received:
3/4/2024

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)

FOOD & ENVIRONMENT SAFETY ANALYTICAL LAB

Sample ID: 6740304-1
Date Issued: 3/4/24

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**	**0.037**	**0.37**
Delta 8-THC	0.0020	0.0059	ND	ND
CBC	0.00070	0.0021	ND	ND
THCA	**0.0024**	**0.0073**	**29.396**	**293.96**
Total CBD			ND	ND
Total THC			**25.82**	**258.18**
Total Cannabinoids			**29.43**	**294.33**

Date Tested: 3/4/2024

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 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

Testing Location:

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

FOOD & ENVIRONMENT SAFETY ANALYTICAL LAB

Sample ID: 6740625-2
Date Issued: 6/25/24

Certificate of Analysis

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

Gelato

Client: Healthy Alternatives

Total CBD	**ND**
Total THC	**27.05 %**
Total Cannabinoids	**30.83 %**

Sample Name:
Gelato

Unit Mass:
1 g per unit

Matrix:
Plant

Date Received:
6/25/2024

Sample ID:
6740625-2

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)

FOOD & ENVIRONMENT SAFETY ANALYTICAL LAB

Sample ID: 6740625-2
Date Issued: 6/25/24

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**	**0.062**	**0.62**
Delta 8-THC	0.0020	0.0059	ND	ND
CBC	0.00070	0.0021	ND	ND
THCA	**0.0024**	**0.0073**	**30.769**	**307.69**
Total CBD			ND	ND
Total THC			**27.047**	**270.47**
Total Cannabinoids			**30.831**	**308.31**

Date Tested: 6/25/2024

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 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

Testing Location:

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

FOOD & ENVIRONMENT SAFETY ANALYTICAL LAB

Sample ID: 6740411-3
Date Issued: 4/12/24

Certificate of Analysis

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

Gelato 33

Client:

Total CBD	**ND**
Total THC	**27.25 %**
Total Cannabinoids	**31.06 %**

Sample Name:
Gelato 33

Matrix:
Plant

Unit Mass:
1 g per unit

Sample ID:
6740411-3

Date Received:
4/11/2024

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

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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**	**0.097**	**0.97**
Delta 8-THC	0.0020	0.0059	ND	ND
CBC	0.00070	0.0021	ND	ND
THCA	**0.0024**	**0.0073**	**30.959**	**309.59**
Total CBD			ND	ND
Total THC			**27.25**	**272.48**
Total Cannabinoids			**31.06**	**310.56**

Date Tested: 4/12/2024

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 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

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Testing Location:

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2002 S. Grand Ave., Suite A
Santa Ana, CA 92705
(714) 540-0172
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FOOD & ENVIRONMENT SAFETY ANALYTICAL LAB

Sample ID: 6740111-3
Date Issued: 1/12/24

Certificate of Analysis

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

Gelato 41

Client: Scott

Total CBD	**ND**
Total THC	**29.82 %**
Total Cannabinoids	**34.00 %**

Sample Name:
Gelato 41

Matrix:
Plant

Unit Mass:
1 g per unit

Sample ID:
6740111-3

Date Received:
1/11/2024

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

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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**	**0.033**	**0.33**
Delta 8-THC	0.0020	0.0059	ND	ND
CBC	0.00070	0.0021	ND	ND
THCA	**0.0024**	**0.0073**	**33.96**	**339.64**
Total CBD			ND	ND
Total THC			**29.82**	**298.19**
Total Cannabinoids			**34.00**	**339.97**

Date Tested: 1/11/2024

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 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

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Testing Location:

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

FOOD & ENVIRONMENT SAFETY ANALYTICAL LAB

Sample ID: 6740709-3
Date Issued: 7/9/24

Certificate of Analysis

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Gelato 42

Client: Healthy Alternatives

Total CBD	**ND**
Total THC	**29.15 %**
Total Cannabinoids	**33.22 %**

Sample Name:
Gelato 42

Matrix:
Plant

Unit Mass:
1 g per unit

Sample ID:
6740709-3

Date Received:
7/9/2024

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

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FOOD & ENVIRONMENT SAFETY ANALYTICAL LAB

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**	**0.167**	**1.67**
Delta 8-THC	0.0020	0.0059	ND	ND
CBC	0.00070	0.0021	ND	ND
THCA	**0.0024**	**0.0073**	**33.051**	**330.51**
Total CBD			ND	ND
Total THC			**29.153**	**291.53**
Total Cannabinoids			**33.218**	**332.18**

Date Tested: 7/9/2024

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 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

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www.fesalabs.com

FOOD & ENVIRONMENT SAFETY ANALYTICAL LAB

Sample ID: 6740625-2
Date Issued: 6/25/24

Certificate of Analysis

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Gelato Float

Client: Healthy Alternatives

Total CBD	**ND**
Total THC	**27.05 %**
Total Cannabinoids	**30.83 %**

Sample Name:
Gelato Float

Unit Mass:
1 g per unit

Matrix:
Plant

Date Received:
6/25/2024

Sample ID:
6740625-2

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

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FOOD & ENVIRONMENT SAFETY ANALYTICAL LAB

Sample ID: 6740625-2
Date Issued: 6/25/24

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**	**0.062**	**0.62**
Delta 8-THC	0.0020	0.0059	ND	ND
CBC	0.00070	0.0021	ND	ND
THCA	**0.0024**	**0.0073**	**30.769**	**307.69**
Total CBD			ND	ND
Total THC			**27.047**	**270.47**
Total Cannabinoids			**30.831**	**308.31**

Date Tested: 6/25/2024

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 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

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Testing Location:

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

FOOD & ENVIRONMENT SAFETY ANALYTICAL LAB

Sample ID: 6740715-1
Date Issued: 7/15/24

Certificate of Analysis

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

Glitterati

Client: Healthy Alternatives

Total CBD	**ND**
Total THC	**25.41 %**
Total Cannabinoids	**28.97 %**

Sample Name:
Glitterati

Matrix:
Plant

Unit Mass:
1 g per unit

Sample ID:
740715-1

Date Received:
7/15/2024

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)

FOOD & ENVIRONMENT SAFETY ANALYTICAL LAB

Sample ID: 6740715-1
Date Issued: 7/15/24

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**	**0.014**	**0.14**
Delta 8-THC	0.0020	0.0059	ND	ND
CBC	0.00070	0.0021	ND	ND
THCA	**0.0024**	**0.0073**	**28.959**	**289.59**
Total CBD			ND	ND
Total THC			**25.411**	**254.11**
Total Cannabinoids			**28.973**	**289.73**

Date Tested: 7/15/2024

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 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

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Testing Location:

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Santa Ana, CA 92705
(714) 540-0172
www.fesalabs.com

FOOD & ENVIRONMENT SAFETY ANALYTICAL LAB

Sample ID: 6750117-2
Date Issued: 1/18/25

Certificate of Analysis

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

Glitter Bomb

Client: Healthy Alternatives

Total CBD	**ND**
Total THC	**25.17 %**
Total Cannabinoids	**28.68 %**

Sample Name:
Glitter Bomb

Matrix:
Plant

Unit Mass:
1 g per unit

Sample ID:
6750117-2

Date Received:
1/17/2025

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)

FOOD & ENVIRONMENT SAFETY ANALYTICAL LAB

Sample ID: 6750117-2
Date Issued: 1/18/25

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**	**0.162**	**1.62**
Delta 8-THC	0.0020	0.0059	ND	ND
CBC	0.00070	0.0021	ND	ND
THCA	**0.0024**	**0.0073**	**28.518**	**285.18**
Total CBD			ND	ND
Total THC			**25.172**	**251.72**
Total Cannabinoids			**28.680**	**286.80**

Date Tested: 1/17/2025

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)

FOOD & ENVIRONMENT SAFETY ANALYTICAL LAB

Sample ID: 6740812-4
Date Issued: 8/13/24

Certificate of Analysis

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

Goofiez

Client: Healthy Alternatives

Total CBD	**ND**
Total THC	**28.35 %**
Total Cannabinoids	**32.31 %**

Sample Name:
Goofiez

Matrix:
Plant

Unit Mass:
1 g per unit

Sample ID:
6740812-4

Date Received:
8/12/2024

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

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FOOD & ENVIRONMENT SAFETY ANALYTICAL LAB

Certificate of Analysis

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

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**	**0.085**	**0.85**
Delta 8-THC	0.0020	0.0059	ND	ND
CBC	0.00070	0.0021	ND	ND
THCA	**0.0024**	**0.0073**	**32.227**	**322.27**
Total CBD			ND	ND
Total THC			**28.349**	**283.49**
Total Cannabinoids			**32.313**	**323.13**

Date Tested: 8/12/2024

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 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

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Testing Location:

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2002 S. Grand Ave., Suite A
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(714) 540-0172
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FOOD & ENVIRONMENT SAFETY ANALYTICAL LAB

Sample ID: 6740213-3
Date Issued: 2/13/24

Certificate of Analysis

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

Gorilla Truffle

Client: Scott

Total CBD	**ND**
Total THC	**24.42 %**
Total Cannabinoids	**27.82 %**

Sample Name:
Gorilla Truffle

Matrix:
Plant

Unit Mass:
1 g per unit

Sample ID:
6740213-3

Date Received:
2/13/2024

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)

FOOD & ENVIRONMENT SAFETY ANALYTICAL LAB

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**	**0.215**	**2.15**
Delta 8-THC	0.0020	0.0059	ND	ND
CBC	0.00070	0.0021	ND	ND
THCA	**0.0024**	**0.0073**	**27.602**	**276.02**
Total CBD			ND	ND
Total THC			**24.42**	**244.21**
Total Cannabinoids			**27.82**	**278.16**

Date Tested: 2/13/2024

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 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

Testing Location:

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

FOOD & ENVIRONMENT SAFETY ANALYTICAL LAB

Sample ID: 6740125-3
Date Issued: 9/25/24

Certificate of Analysis

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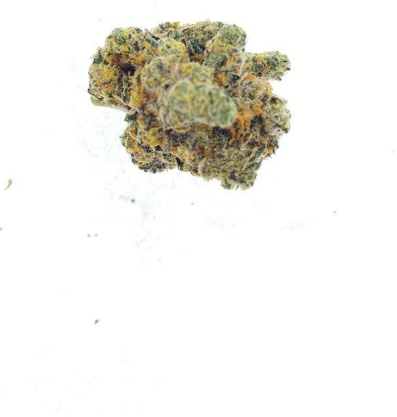
Government Oasis

Client: Scott



Total CBD	**ND**
Total THC	**27.76 %**
Total Cannabinoids	**31.66 %**

Sample Name:
Government Oasis

Matrix:
Plant

Unit Mass:
1 g per unit

Sample ID:
6740125-3

Date Received:
9/25/2024

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
THCA	**0.0024**	**0.0073**	**31.66**	**316.56**
Total CBD			ND	ND
Total THC			**27.76**	**277.62**
Total Cannabinoids			**31.66**	**316.56**

Date Tested: 9/25/2024

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 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

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Testing Location:

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2002 S. Grand Ave., Suite A
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FOOD & ENVIRONMENT SAFETY ANALYTICAL LAB

Sample ID: 6740729-4
Date Issued: 7/29/24

Certificate of Analysis

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Grape Bubblegum

Client: Healthy Alternatives

Total CBD	**ND**
Total THC	**26.23 %**
Total Cannabinoids	**29.88 %**

Sample Name:
Grape Bubblegum

Matrix:
Plant

Unit Mass:
1 g per unit

Sample ID:
6740729-4

Date Received:
7/29/2024

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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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**	**0.194**	**1.94**
Delta 8-THC	0.0020	0.0059	ND	ND
CBC	0.00070	0.0021	ND	ND
THCA	**0.0024**	**0.0073**	**29.684**	**296.84**
Total CBD			ND	ND
Total THC			**26.226**	**262.26**
Total Cannabinoids			**29.878**	**298.78**

Date Tested: 7/29/2024

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 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

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Testing Location:

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FOOD & ENVIRONMENT SAFETY ANALYTICAL LAB

Certificate of Analysis

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Green Crack

Client: Healthy Alternatives
Sample Name: Green Crack
Batch Number: N/A

Matrix: Plant
Unit Mass: 1 g per unit

Sample ID:
Date Issued: 1/23/25

Total CBD	**ND**
Delta 9-THC	**0.11 %**
THCA	**27.04 %**
Total Cannabinoids	**27.16 %**

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**	**0.115**	**1.15**
Delta 8-THC	0.0020	0.0059	ND	ND
CBC	0.00070	0.0021	ND	ND
THCA	**0.0024**	**0.0073**	**27.045**	**270.45**
Total CBD			ND	ND
Total THC			**23.833**	**238.33**
Total Cannabinoids			**27.160**	**271.60**

Date Tested: 1/22/2025

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)

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(714) 540-0172
www.fesalabs.com

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

FOOD & ENVIRONMENT SAFETY ANALYTICAL LAB

Sample ID: 6740812-5
Date Issued: 8/13/24

Certificate of Analysis

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Gusher Mintz

Client: Healthy Alternatives

Total CBD	**ND**
Total THC	**28.21 %**
Total Cannabinoids	**32.14 %**

Sample Name:
Gusher Mintz

Matrix:
Plant

Unit Mass:
1 g per unit

Sample ID:
6740812-5

Date Received:
8/12/2024

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)

FOOD & ENVIRONMENT SAFETY ANALYTICAL LAB

Sample ID: 6740812-5
Date Issued: 8/13/24

Certificate of Analysis

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

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**	**0.165**	**1.65**
Delta 8-THC	0.0020	0.0059	ND	ND
CBC	0.00070	0.0021	ND	ND
THCA	**0.0024**	**0.0073**	**31.978**	**319.78**
Total CBD			ND	ND
Total THC			**28.210**	**282.10**
Total Cannabinoids			**32.143**	**321.43**

Date Tested: 8/12/2024

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 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

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Testing Location:

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

FOOD & ENVIRONMENT SAFETY ANALYTICAL LAB

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Hawaiian Runtz

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

Matrix: Plant
Unit Mass: 1 g per unit

Sample ID:
Date Issued: 1/31/25

Total CBD	**ND**
Delta 9-THC	**0.02 %**
THCA	**32.57 %**
Total Cannabinoids	**32.60 %**

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**	**0.025**	**0.25**
Delta 8-THC	0.0020	0.0059	ND	ND
CBC	0.00070	0.0021	ND	ND
THCA	**0.0024**	**0.0073**	**32.574**	**325.74**
Total CBD			ND	ND
Total THC			**28.592**	**285.92**
Total Cannabinoids			**32.599**	**325.99**

Date Tested: 1/30/2025

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)

FESA Labs
(714) 540-0172
www.fesalabs.com

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

FOOD & ENVIRONMENT SAFETY ANALYTICAL LAB

Sample ID: 6740409-3
Date Issued: 4/9/24

Certificate of Analysis

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High Society

Client:

Total CBD	**ND**
Total THC	**19.90 %**
Total Cannabinoids	**22.69 %**

Sample Name:
High Society

Matrix:
Plant

Unit Mass:
1 g per unit

Sample ID:
6740409-3

Date Received:
4/9/2024

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)

FOOD & ENVIRONMENT SAFETY ANALYTICAL LAB

Sample ID: 6740409-3
Date Issued: 4/9/24

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**	**0.026**	**0.26**
Delta 8-THC	0.0020	0.0059	ND	ND
CBC	0.00070	0.0021	ND	ND
THCA	**0.0024**	**0.0073**	**22.665**	**226.65**
Total CBD			ND	ND
Total THC			**19.90**	**199.03**
Total Cannabinoids			**22.69**	**226.91**

Date Tested: 4/9/2024

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 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

Testing Location:

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

FOOD & ENVIRONMENT SAFETY ANALYTICAL LAB

Sample ID: 6740826-5
Date Issued: 8/27/24

Certificate of Analysis

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

Holy Grail Tropicana

Client:

Total CBD	**ND**
Total THC	**25.45 %**
Total Cannabinoids	**28.99 %**

Sample Name:
Holy Grail Tropicana

Matrix:
Plant

Unit Mass:
1 g per unit

Sample ID:
6740826-5

Date Received:
8/26/2024

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)

FOOD & ENVIRONMENT SAFETY ANALYTICAL LAB

Sample ID: 6740826-5
Date Issued: 8/27/24

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**	**0.240**	**2.40**
Delta 8-THC	0.0020	0.0059	ND	ND
CBC	0.00070	0.0021	ND	ND
THCA	**0.0024**	**0.0073**	**28.749**	**287.49**
Total CBD			ND	ND
Total THC			**25.453**	**254.53**
Total Cannabinoids			**28.989**	**289.89**

Date Tested: 8/26/2024

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 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

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(714) 540-0172
www.fesalabs.com

FOOD & ENVIRONMENT SAFETY ANALYTICAL LAB

Sample ID:
Date Issued: 4/12/24

Certificate of Analysis

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

Ice Cream Cake

Client:

Total CBD	**ND**
Total THC	**23.32 %**
Total Cannabinoids	**26.59 %**

Sample Name:
Ice Cream Cake

Matrix:
Plant

Unit Mass:
1 g per unit

Sample ID:

Date Received:
4/11/2024

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)

FOOD & ENVIRONMENT SAFETY ANALYTICAL LAB

Sample ID:
Date Issued: 4/12/24

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	0.00080	0.0024	ND	ND
Delta 9-THC	**0.0022**	**0.0067**	**0.049**	**0.49**
Delta 8-THC	0.0020	0.0059	ND	ND
CBC	0.00070	0.0021	ND	ND
THCA	**0.0024**	**0.0073**	**26.538**	**265.38**
Total CBD			ND	ND
Total THC			**23.32**	**233.22**
Total Cannabinoids			**26.59**	**265.86**

Date Tested: 4/12/2024

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 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

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Testing Location:

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(714) 540-0172
www.fesalabs.com

FOOD & ENVIRONMENT SAFETY ANALYTICAL LAB

Sample ID: 6740627-2
Date Issued: 6/27/24

Certificate of Analysis

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

Illemonati

Client: Healthy Alternatives

Total CBD	**ND**
Total THC	**24.51 %**
Total Cannabinoids	**27.93 %**

Sample Name:
Illemonati

Matrix:
Plant

Unit Mass:
1 g per unit

Sample ID:
6740627-2

Date Received:
6/27/2024

Approved 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**	**0.177**	**1.77**
Delta 8-THC	0.0020	0.0059	ND	ND
CBC	0.00070	0.0021	ND	ND
THCA	**0.0024**	**0.0073**	**27.748**	**277.48**
Total CBD			ND	ND
Total THC			**24.512**	**245.12**
Total Cannabinoids			**27.926**	**279.26**

Date Tested: 6/27/2024

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 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

Testing Location:

FESA Labs
2002 S. Grand Ave., Suite A
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(714) 540-0172
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FOOD & ENVIRONMENT SAFETY ANALYTICAL LAB

Sample ID: 6740118-2
Date Issued: 1/18/24

Certificate of Analysis

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Jet Fuel Runtz

Client: Scott

Total CBD	**ND**
Total THC	**26.99 %**
Total Cannabinoids	**30.76 %**

Sample Name:
Jet Fuel Runtz

Matrix:
Plant

Unit Mass:
1 g per unit

Sample ID:
6740118-2

Date Received:
1/18/2024

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

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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**	**0.17**	**1.72**
Delta 8-THC	0.0020	0.0059	ND	ND
CBC	0.00070	0.0021	ND	ND
THCA	**0.0024**	**0.0073**	**30.58**	**305.84**
Total CBD			ND	ND
Total THC			**26.99**	**269.94**
Total Cannabinoids			**30.76**	**307.56**

Date Tested: 1/18/2024

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 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

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FOOD & ENVIRONMENT SAFETY ANALYTICAL LAB

Sample ID: 6740614-2
Date Issued: 6/14/24

Certificate of Analysis

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Juicy Fruit

Client: Healthy Alternatives

Total CBD	**ND**
Total THC	**27.92 %**
Total Cannabinoids	**31.80 %**

Sample Name:
Juicy Fruit

Matrix:
Plant

Unit Mass:
1 g per unit

Sample ID:
6740614-2

Date Received:
6/14/2024

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)

FOOD & ENVIRONMENT SAFETY ANALYTICAL LAB

Sample ID: 6740614-2
Date Issued: 6/14/24

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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**	**0.225**	**2.25**
Delta 8-THC	0.0020	0.0059	ND	ND
CBC	0.00070	0.0021	ND	ND
THCA	**0.0024**	**0.0073**	**31.574**	**315.74**
Total CBD			ND	ND
Total THC			**27.92**	**279.15**
Total Cannabinoids			**31.80**	**317.99**

Date Tested: 6/14/2024

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 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

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FOOD & ENVIRONMENT SAFETY ANALYTICAL LAB

Sample ID: 6740626-1
Date Issued: 6/26/24

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LA Kush

Client: Healthy Alternatives

Total CBD	**ND**
Total THC	**29.05 %**
Total Cannabinoids	**33.10 %**

Sample Name:
LA Kush

Matrix:
Plant

Unit Mass:
1 g per unit

Sample ID:
6740626-1

Date Received:
6/26/2024

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

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Sample ID: 6740626-1
Date Issued: 6/26/24

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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**	**0.102**	**1.02**
Delta 8-THC	0.0020	0.0059	ND	ND
CBC	0.00070	0.0021	ND	ND
THCA	**0.0024**	**0.0073**	**33.003**	**330.03**
Total CBD			ND	ND
Total THC			**29.045**	**290.45**
Total Cannabinoids			**33.104**	**331.04**

Date Tested: 6/26/2024

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 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

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FOOD & ENVIRONMENT SAFETY ANALYTICAL LAB

Sample ID: 6740626-1
Date Issued: 6/26/24

Certificate of Analysis

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LA Kush Cake

Client: Healthy Alternatives

Total CBD	**ND**
Total THC	**29.05 %**
Total Cannabinoids	**33.10 %**

Sample Name:
LA Kush Cake

Matrix:
Plant

Unit Mass:
1 g per unit

Sample ID:
6740626-1

Date Received:
6/26/2024

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)

FOOD & ENVIRONMENT SAFETY ANALYTICAL LAB

Sample ID: 6740626-1
Date Issued: 6/26/24

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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**	**0.102**	**1.02**
Delta 8-THC	0.0020	0.0059	ND	ND
CBC	0.00070	0.0021	ND	ND
THCA	**0.0024**	**0.0073**	**33.003**	**330.03**
Total CBD			ND	ND
Total THC			**29.045**	**290.45**
Total Cannabinoids			**33.104**	**331.04**

Date Tested: 6/26/2024

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 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

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FOOD & ENVIRONMENT SAFETY ANALYTICAL LAB

Sample ID: 6740410-2
Date Issued: 4/10/24

Certificate of Analysis

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LA Pop

Client:

Total CBD	**ND**
Total THC	**28.12 %**
Total Cannabinoids	**32.05 %**

Sample Name:
LA Pop

Matrix:
Plant

Unit Mass:
1 g per unit

Sample ID:
6740410-2

Date Received:
4/10/2024

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

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FOOD & ENVIRONMENT SAFETY ANALYTICAL LAB

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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**	**0.083**	**0.83**
Delta 8-THC	0.0020	0.0059	ND	ND
CBC	0.00070	0.0021	ND	ND
THCA	**0.0024**	**0.0073**	**31.967**	**319.67**
Total CBD			ND	ND
Total THC			**28.12**	**281.18**
Total Cannabinoids			**32.05**	**320.50**

Date Tested: 4/10/2024

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 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

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Certificate of Analysis

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Lemonade

Client: Healthy Alternatives
Sample Name: Lemonade
Batch Number: N/A

Matrix: Plant
Unit Mass: 1 g per unit

Sample ID:
Date Issued: 2/4/25

Total CBD	**ND**
Delta 9-THC	**0.18 %**
THCA	**32.62 %**
Total Cannabinoids	**32.80 %**

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**	**0.175**	**1.75**
Delta 8-THC	0.0020	0.0059	ND	ND
CBC	0.00070	0.0021	ND	ND
THCA	**0.0024**	**0.0073**	**32.624**	**326.24**
Total CBD			ND	ND
Total THC			**28.787**	**287.87**
Total Cannabinoids			**32.800**	**328.00**

Date Tested: 2/4/2025

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

FOOD & ENVIRONMENT SAFETY ANALYTICAL LAB

Sample ID: 6740816-3
Date Issued: 8/16/24

Certificate of Analysis

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Lemon Bars

Client: Healthy Alternatives

Total CBD	**ND**
Total THC	**29.24 %**
Total Cannabinoids	**33.31 %**

Sample Name:
Lemon Bars

Matrix:
Plant

Unit Mass:
1 g per unit

Sample ID:

Date Received:
8/16/2024

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)

FOOD & ENVIRONMENT SAFETY ANALYTICAL LAB

Sample ID: 6740816-3
Date Issued: 8/16/24

Certificate of Analysis

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

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**	**0.220**	**2.20**
Delta 8-THC	0.0020	0.0059	ND	ND
CBC	0.00070	0.0021	ND	ND
THCA	**0.0024**	**0.0073**	**33.090**	**330.90**
Total CBD			ND	ND
Total THC			**29.240**	**292.40**
Total Cannabinoids			**33.311**	**333.11**

Date Tested: 8/16/2024

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 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

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Testing Location:

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FOOD & ENVIRONMENT SAFETY ANALYTICAL LAB

Sample ID: 6741053-7
Date Issued: 10/24/24

Certificate of Analysis

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

Maybach

Client: Healthy Alternatives

Total CBD	**ND**
Total THC	**27.91 %**
Total Cannabinoids	**31.81 %**

Sample Name:
Maybach

Matrix:
Plant

Unit Mass:
1 g per unit

Sample ID:
6741023-7

Date Received:
10/23/2024

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)

FOOD & ENVIRONMENT SAFETY ANALYTICAL LAB

Sample ID: 6741023-7
Date Issued: 10/24/24

Certificate of Analysis

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

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**	**0.155**	**1.55**
Delta 8-THC	0.0020	0.0059	ND	ND
CBC	0.00070	0.0021	ND	ND
THCA	**0.0024**	**0.0073**	**31.652**	**316.52**
Total CBD			ND	ND
Total THC			**27.914**	**279.14**
Total Cannabinoids			**31.807**	**318.07**

Date Tested: 10/23/2024

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 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

Testing Location:

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

FOOD & ENVIRONMENT SAFETY ANALYTICAL LAB

Certificate of Analysis

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

Mint Cookies

Client: Healthy Alternatives
Sample Name: Mint Cookies
Batch Number: N/A

Matrix: Plant
Unit Mass: 1 g per unit

Sample ID:
Date Issued: 2/8/25

Total CBD	**ND**
Delta 9-THC	**0.13 %**
THCA	**32.60 %**
Total Cannabinoids	**32.73 %**

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**	**0.133**	**1.33**
Delta 8-THC	0.0020	0.0059	ND	ND
CBC	0.00070	0.0021	ND	ND
THCA	**0.0024**	**0.0073**	**32.596**	**325.96**
Total CBD			ND	ND
Total THC			**28.720**	**287.20**
Total Cannabinoids			**32.729**	**327.29**

Date Tested: 2/7/2025

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)

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

FOOD & ENVIRONMENT SAFETY ANALYTICAL LAB

Certificate of Analysis

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

Modified

Client: Healthy Alternatives
Sample Name: Modified
Batch Number: N/A

Matrix: Plant
Unit Mass: 1 g per unit

Sample ID:
Date Issued: 1/22/25

Total CBD	**ND**
Delta 9-THC	**0.07 %**
THCA	**29.90 %**
Total Cannabinoids	**29.97 %**

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**	**0.073**	**0.73**
Delta 8-THC	0.0020	0.0059	ND	ND
CBC	0.00070	0.0021	ND	ND
THCA	**0.0024**	**0.0073**	**29.899**	**298.99**
Total CBD			ND	ND
Total THC			**26.294**	**262.94**
Total Cannabinoids			**29.972**	**299.72**

Date Tested: 1/21/2025

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

FOOD & ENVIRONMENT SAFETY ANALYTICAL LAB

Sample ID: 46540829-2
Date Issued: 8/30/24

Certificate of Analysis

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Modified Grapes

Client: The Depot

Total CBD	**ND**
Total THC	**28.42 %**
Total Cannabinoids	**32.40 %**

Sample Name:
Modified Grapes

Matrix:
Plant

Unit Mass:
1 g per unit

Sample ID:
46540829-2

Date Received:
8/29/2024

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

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Certificate of Analysis

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Client: The Depot

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**	**0.042**	**0.42**
Delta 8-THC	0.0020	0.0059	ND	ND
CBC	0.00070	0.0021	ND	ND
THCA	**0.0024**	**0.0073**	**32.361**	**323.61**
Total CBD			ND	ND
Total THC			**28.423**	**284.23**
Total Cannabinoids			**32.403**	**324.03**

Date Tested: 8/29/2024

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 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

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FOOD & ENVIRONMENT SAFETY ANALYTICAL LAB

Sample ID: 6740625-3
Date Issued: 6/25/24

Certificate of Analysis

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

Orange Julius

Client: Healthy Alternatives

Total CBD	**ND**
Total THC	**25.13 %**
Total Cannabinoids	**28.63 %**

Sample Name:
Orange Julius

Unit Mass:
1 g per unit

Matrix:
Plant

Date Received:
6/25/2024

Sample ID:

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**	**0.178**	**1.78**
Delta 8-THC	0.0020	0.0059	ND	ND
CBC	0.00070	0.0021	ND	ND
THCA	**0.0024**	**0.0073**	**28.452**	**284.52**
Total CBD			ND	ND
Total THC			**25.130**	**251.30**
Total Cannabinoids			**28.630**	**286.30**

Date Tested: 6/25/2024

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

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FOOD & ENVIRONMENT SAFETY ANALYTICAL LAB

Sample ID: 6740411-1
Date Issued: 4/12/24

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Oreoz

Client:

Total CBD	**ND**
Total THC	**29.15 %**
Total Cannabinoids	**33.24 %**

Sample Name:
Oreoz

Matrix:
Plant

Unit Mass:
1 g per unit

Sample ID:
6740411-1

Date Received:
4/11/2024

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)

FOOD & ENVIRONMENT SAFETY ANALYTICAL LAB

Sample ID: 6740411-1
Date Issued: 4/12/24

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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**	**33.237**	**332.37**
Total CBD			ND	ND
Total THC			**29.15**	**291.49**
Total Cannabinoids			**33.24**	**332.37**

Date Tested: 4/12/2024

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

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Oreoz Blizzard

Client: Healthy Alternatives
Sample Name: Oreoz Blizzard
Batch Number: N/A

Matrix: Plant
Unit Mass: 1 g per unit

Sample ID:
Date Issued: 2/8/25

Total CBD	**ND**
Delta 9-THC	**0.21 %**
THCA	**32.42 %**
Total Cannabinoids	**32.63 %**

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**	**0.205**	**2.05**
Delta 8-THC	0.0020	0.0059	ND	ND
CBC	0.00070	0.0021	ND	ND
THCA	**0.0024**	**0.0073**	**32.425**	**324.25**
Total CBD			ND	ND
Total THC			**28.642**	**286.42**
Total Cannabinoids			**32.630**	**326.30**

Date Tested: 2/7/2025

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

FOOD & ENVIRONMENT SAFETY ANALYTICAL LAB

Sample ID: 6740709-4
Date Issued: 7/10/24

Certificate of Analysis

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

P85

Client: Healthy Alternatives

Total CBD	**ND**
Total THC	**26.16 %**
Total Cannabinoids	**29.80 %**

Sample Name:
P85

Matrix:
Plant

Unit Mass:
1 g per unit

Sample ID:
6740709-4

Date Received:
7/9/2024

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

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FOOD & ENVIRONMENT SAFETY ANALYTICAL LAB

Sample ID: 6740709-4
Date Issued: 7/10/24

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**	**0.212**	**2.12**
Delta 8-THC	0.0020	0.0059	ND	ND
CBC	0.00070	0.0021	ND	ND
THCA	**0.0024**	**0.0073**	**29.589**	**295.89**
Total CBD			ND	ND
Total THC			**26.162**	**261.62**
Total Cannabinoids			**29.801**	**298.01**

Date Tested: 7/9/2024

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

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FOOD & ENVIRONMENT SAFETY ANALYTICAL LAB

Certificate of Analysis

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Permanent Marker

Client: Healthy Alternatives
Sample Name: Permanent Marker
Batch Number: N/A

Matrix: Plant
Unit Mass: 1 g per unit

Sample ID:
Date Issued: 2/7/25

Total CBD	**ND**
Delta 9-THC	**0.28 %**
THCA	**31.45 %**
Total Cannabinoids	**31.73 %**

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**	**0.281**	**2.81**
Delta 8-THC	0.0020	0.0059	ND	ND
CBC	0.00070	0.0021	ND	ND
THCA	**0.0024**	**0.0073**	**31.446**	**314.46**
Total CBD			ND	ND
Total THC			**27.859**	**278.59**
Total Cannabinoids			**31.727**	**317.27**

Date Tested: 2/6/2025

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

FOOD & ENVIRONMENT SAFETY ANALYTICAL LAB

Sample ID: 6740729-6
Date Issued: 7/29/24

Certificate of Analysis

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

Pink Certz

Client: Healthy Alternatives

Total CBD	**ND**
Total THC	**26.09 %**
Total Cannabinoids	**29.72 %**

Sample Name:
Pink Certz

Matrix:
Plant

Unit Mass:
1 g per unit

Sample ID:
6740729-6

Date Received:
7/29/2024

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)

FOOD & ENVIRONMENT SAFETY ANALYTICAL LAB

Sample ID: 6740729-6
Date Issued: 7/29/24

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**	**0.229**	**2.29**
Delta 8-THC	0.0020	0.0059	ND	ND
CBC	0.00070	0.0021	ND	ND
THCA	**0.0024**	**0.0073**	**29.492**	**294.92**
Total CBD			ND	ND
Total THC			**26.093**	**260.93**
Total Cannabinoids			**29.721**	**297.21**

Date Tested: 7/29/2024

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

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FOOD & ENVIRONMENT SAFETY ANALYTICAL LAB

Certificate of Analysis

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Pop Tartz

Client: Healthy Alternatives
Sample Name: Pop Tartz
Batch Number: N/A

Matrix: Plant
Unit Mass: 1 g per unit

Sample ID:
Date Issued: 1/31/25

Total CBD	**ND**
Delta 9-THC	**0.02 %**
THCA	**32.78 %**
Total Cannabinoids	**32.80 %**

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**	**0.018**	**0.18**
Delta 8-THC	0.0020	0.0059	ND	ND
CBC	0.00070	0.0021	ND	ND
THCA	**0.0024**	**0.0073**	**32.781**	**327.81**
Total CBD			ND	ND
Total THC			**28.767**	**287.67**
Total Cannabinoids			**32.799**	**327.99**

Date Tested: 1/30/2025

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)

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

FOOD & ENVIRONMENT SAFETY ANALYTICAL LAB

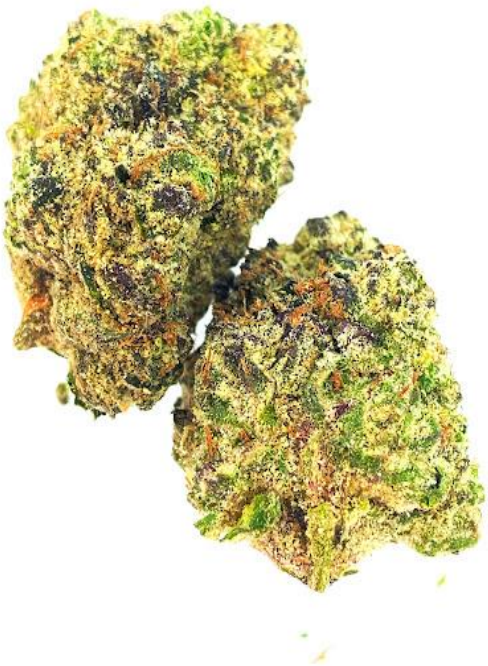
Sample ID: 6741007-2
Date Issued: 10/8/24

Certificate of Analysis

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

Purple Passion

Client: Healthy Alternatives



Total CBD	**ND**
Total THC	**28.14 %**
Total Cannabinoids	**32.08 %**

Sample Name:
Purple Passion

Matrix:
Plant

Unit Mass:
1 g per unit

Sample ID:
6741007-2

Date Received:
10/7/2024

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

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FOOD & ENVIRONMENT SAFETY ANALYTICAL LAB

Sample ID: 6741007-2
Date Issued: 10/8/24

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**	**0.038**	**0.38**
Delta 8-THC	0.0020	0.0059	ND	ND
CBC	0.00070	0.0021	ND	ND
THCA	**0.0024**	**0.0073**	**32.042**	**320.42**
Total CBD			ND	ND
Total THC			**28.138**	**281.38**
Total Cannabinoids			**32.079**	**320.79**

Date Tested: 10/7/2024

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 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

Testing Location:

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

FOOD & ENVIRONMENT SAFETY ANALYTICAL LAB

Certificate of Analysis

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

Purple Urkle

Client: Healthy Alternatives
Sample Name: Purple Urkle
Batch Number: N/A

Matrix: Plant
Unit Mass: 1 g per unit

Sample ID:
Date Issued: 1/31/25

Total CBD	**ND**
Delta 9-THC	**0.12 %**
THCA	**32.22 %**
Total Cannabinoids	**32.35 %**

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**	**0.122**	**1.22**
Delta 8-THC	0.0020	0.0059	ND	ND
CBC	0.00070	0.0021	ND	ND
THCA	**0.0024**	**0.0073**	**32.225**	**322.25**
Total CBD			ND	ND
Total THC			**28.383**	**283.83**
Total Cannabinoids			**32.347**	**323.47**

Date Tested: 1/30/2025

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)

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

FOOD & ENVIRONMENT SAFETY ANALYTICAL LAB

Sample ID:
Date Issued: 7/29/24

Certificate of Analysis

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Purple Wookie

Client: Healthy Alternatives

Total CBD	**ND**
Total THC	**24.66 %**
Total Cannabinoids	**28.09 %**

Sample Name:
Purple Wookie

Matrix:
Plant

Unit Mass:
1 g per unit

Sample ID:

Date Received:
7/29/2024

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)

FOOD & ENVIRONMENT SAFETY ANALYTICAL LAB

Sample ID:
Date Issued: 7/29/24

Certificate of Analysis

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

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**	**0.199**	**1.99**
Delta 8-THC	0.0020	0.0059	ND	ND
CBC	0.00070	0.0021	ND	ND
THCA	**0.0024**	**0.0073**	**27.892**	**278.92**
Total CBD			ND	ND
Total THC			**24.661**	**246.61**
Total Cannabinoids			**28.091**	**280.91**

Date Tested: 7/29/2024

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 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

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FOOD & ENVIRONMENT SAFETY ANALYTICAL LAB

Sample ID: 6740415-4
Date Issued: 4/15/24

Certificate of Analysis

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Rainbow Runtz

Client: Healthy Alternatives

Total CBD	**ND**
Total THC	**27.10 %**
Total Cannabinoids	**30.90 %**

Sample Name:
Rainbow Runtz

Matrix:
Plant

Unit Mass:
1 g per unit

Sample ID:
6740415-4

Date Received:
4/15/2024

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

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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**	**30.901**	**309.01**
Total CBD			ND	ND
Total THC			**27.10**	**271.01**
Total Cannabinoids			**30.90**	**309.01**

Date Tested: 4/15/2024

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 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

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Sample ID: 6731106-1
Date Issued: 11/6/23

Certificate of Analysis

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Reeses Pieces

Client: Scott

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:
6731106-1

Date Received:
11/6/2023

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

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FOOD & ENVIRONMENT SAFETY ANALYTICAL LAB

Sample ID: 6731106-1
Date Issued: 11/6/23

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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**	**0.10**	**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: 11/6/2023

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 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

Testing Location:

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Certificate of Analysis

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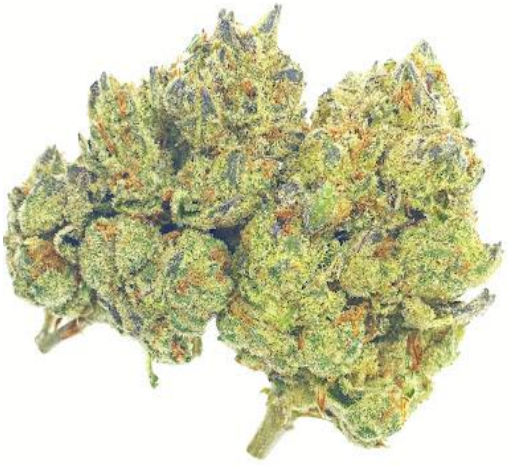
Sherb

Client: Healthy Alternatives
Sample Name: Sherb
Batch Number: N/A

Matrix: Plant
Unit Mass: 1 g per unit

Sample ID:
Date Issued: 2/5/25



Total CBD	**ND**
Delta 9-THC	**0.13 %**
THCA	**32.87 %**
Total Cannabinoids	**33.00 %**

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**	**0.131**	**1.31**
Delta 8-THC	0.0020	0.0059	ND	ND
CBC	0.00070	0.0021	ND	ND
THCA	**0.0024**	**0.0073**	**32.874**	**328.74**
Total CBD			ND	ND
Total THC			**28.961**	**289.61**
Total Cannabinoids			**33.005**	**330.05**

Date Tested: 2/4/2025

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)

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www.fesalabs.com

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

FOOD & ENVIRONMENT SAFETY ANALYTICAL LAB

Sample ID:
Date Issued: 1/24/25

Certificate of Analysis

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Sherblato

Client: Healthy Alternatives
Sample Name: Sherblato
Batch Number: N/A

Matrix: Plant
Unit Mass: 1 g per unit

Sample ID:
Date Issued: 1/24/25

Total CBD	**ND**
Delta 9-THC	**0.04 %**
THCA	**30.68 %**
Total Cannabinoids	**30.73 %**

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**	**0.044**	**0.44**
Delta 8-THC	0.0020	0.0059	ND	ND
CBC	0.00070	0.0021	ND	ND
THCA	**0.0024**	**0.0073**	**30.684**	**306.84**
Total CBD			ND	ND
Total THC			**26.954**	**269.54**
Total Cannabinoids			**30.728**	**307.28**

Date Tested: 1/24/2025

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

FOOD & ENVIRONMENT SAFETY ANALYTICAL LAB

Sample ID: 6740104-3
Date Issued: 1/4/24

Certificate of Analysis

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Silver Haze

Client: Scott

Total CBD	**ND**
Total THC	**24.00 %**
Total Cannabinoids	**27.34 %**

Sample Name:
Silver Haze

Matrix:
Plant

Unit Mass:
1 g per unit

Sample ID:
6740104-3

Date Received:
1/4/2024

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

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FOOD & ENVIRONMENT SAFETY ANALYTICAL LAB

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	0.00080	0.0024	ND	ND
Delta 9-THC	**0.0022**	**0.0067**	**0.16**	**1.64**
Delta 8-THC	0.0020	0.0059	ND	ND
CBC	0.00070	0.0021	ND	ND
THCA	**0.0024**	**0.0073**	**27.18**	**271.77**
Total CBD			ND	ND
Total THC			**24.00**	**239.98**
Total Cannabinoids			**27.34**	**273.41**

Date Tested: 1/4/2024

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 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

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Testing Location:

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(714) 540-0172
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FOOD & ENVIRONMENT SAFETY ANALYTICAL LAB

Sample ID: 6740612-1
Date Issued: 6/12/24

Certificate of Analysis

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

Snowman

Client: Healthy Alternatives

Total CBD	**ND**
Total THC	**26.18 %**
Total Cannabinoids	**29.83 %**

Sample Name:
Snowman

Matrix:
Plant

Unit Mass:
1 g per unit

Sample ID:
6740612-1

Date Received:
6/12/2024

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)

FOOD & ENVIRONMENT SAFETY ANALYTICAL LAB

Sample ID: 6740612-1
Date Issued: 6/12/24

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	0.00080	0.0024	ND	ND
Delta 9-THC	**0.0022**	**0.0067**	**0.174**	**1.74**
Delta 8-THC	0.0020	0.0059	ND	ND
CBC	0.00070	0.0021	ND	ND
THCA	**0.0024**	**0.0073**	**29.652**	**296.52**
Total CBD			ND	ND
Total THC			**26.18**	**261.78**
Total Cannabinoids			**29.83**	**298.26**

Date Tested: 6/12/2024

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 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

Testing Location:

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

FOOD & ENVIRONMENT SAFETY ANALYTICAL LAB

Certificate of Analysis

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

Sour Guava

Client: Healthy Alternatives
Sample Name: Sour Guava
Batch Number: N/A

Matrix: Plant
Unit Mass: 1 g per unit

Sample ID:
Date Issued: 2/18/25

Total CBD	**ND**
Delta 9-THC	**0.15 %**
THCA	**30.72 %**
Total Cannabinoids	**30.87 %**

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**	**0.146**	**1.46**
Delta 8-THC	0.0020	0.0059	ND	ND
CBC	0.00070	0.0021	ND	ND
THCA	**0.0024**	**0.0073**	**30.725**	**307.25**
Total CBD			ND	ND
Total THC			**27.091**	**270.91**
Total Cannabinoids			**30.871**	**308.71**

Date Tested: 2/18/2025

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)

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www.fesalabs.com

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

FOOD & ENVIRONMENT SAFETY ANALYTICAL LAB

Sample ID: 6740729-6
Date Issued: 7/29/24

Certificate of Analysis

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Sour Pez

Client: Healthy Alternatives

Total CBD	**ND**
Total THC	**26.09 %**
Total Cannabinoids	**29.72 %**

Sample Name:
Sour Pez

Matrix:
Plant

Unit Mass:
1 g per unit

Sample ID:
6740729-6

Date Received:
7/29/2024

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)

FOOD & ENVIRONMENT SAFETY ANALYTICAL LAB

Sample ID: 6740729-6
Date Issued: 7/29/24

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**	**0.229**	**2.29**
Delta 8-THC	0.0020	0.0059	ND	ND
CBC	0.00070	0.0021	ND	ND
THCA	**0.0024**	**0.0073**	**29.492**	**294.92**
Total CBD			ND	ND
Total THC			**26.093**	**260.93**
Total Cannabinoids			**29.721**	**297.21**

Date Tested: 7/29/2024

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 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

Testing Location:

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

FOOD & ENVIRONMENT SAFETY ANALYTICAL LAB

Sample ID: 6750314-6
Date Issued: 3/17/25

Certificate of Analysis

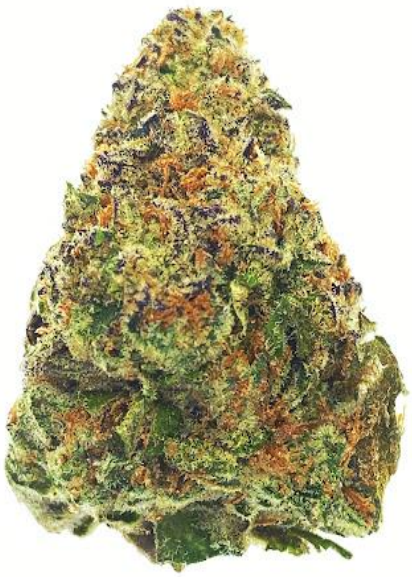
For R&D Use Only - Not a California Compliance Certificate.

Sour Strawberry

Client: Healthy Alternatives
Sample Name: Sour Strawberry
Batch Number: N/A

Matrix: Plant
Unit Mass: 1 g per unit

Sample ID: 6750314-6
Date Received: 3/14/2025



Total CBD	**ND**
Delta 9-THC	**0.07 %**
THCA	**31.09 %**
Total Cannabinoids	**31.16 %**

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**	**0.066**	**0.66**
Delta 8-THC	0.0020	0.0059	ND	ND
CBC	0.00070	0.0021	ND	ND
THCA	**0.0024**	**0.0073**	**31.092**	**310.92**
Total CBD			ND	ND
Total THC			**27.333**	**273.33**
Total Cannabinoids			**31.157**	**311.57**

Date Tested: 3/14/2025

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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FESA Labs
(714) 540-0172
www.fesalabs.com

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

FOOD & ENVIRONMENT SAFETY ANALYTICAL LAB

Sample ID: 6741206-1
Date Issued: 12/6/24

Certificate of Analysis

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Space Burger

Client: Healthy Alternatives

Total CBD	**ND**
Total THC	**29.13 %**
Total Cannabinoids	**33.20 %**

Sample Name:
Space Burger

Matrix:
Plant

Unit Mass:
1 g per unit

Sample ID:
6741206-1

Date Received:
12/6/2024

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

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FOOD & ENVIRONMENT SAFETY ANALYTICAL LAB

Sample ID:
Date Issued: 12/6/24

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**	**0.108**	**1.08**
Delta 8-THC	0.0020	0.0059	ND	ND
CBC	0.00070	0.0021	ND	ND
THCA	**0.0024**	**0.0073**	**33.088**	**330.88**
Total CBD			ND	ND
Total THC			**29.126**	**291.26**
Total Cannabinoids			**33.196**	**331.96**

Date Tested: 12/6/2024

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)

FOOD & ENVIRONMENT SAFETY ANALYTICAL LAB

Sample ID: 6740613-2
Date Issued: 6/13/24

Certificate of Analysis

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Space Cakes

Client: Healthy Alternatives

Total CBD	**ND**
Total THC	**23.79 %**
Total Cannabinoids	**27.11 %**

Sample Name:
Space Cakes

Matrix:
Plant

Unit Mass:
1 g per unit

Sample ID:
6740613-2

Date Received:
6/13/2024

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)

FOOD & ENVIRONMENT SAFETY ANALYTICAL LAB

Sample ID: 6740613-2
Date Issued: 6/13/24

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**	**0.177**	**1.77**
Delta 8-THC	0.0020	0.0059	ND	ND
CBC	0.00070	0.0021	ND	ND
THCA	**0.0024**	**0.0073**	**26.930**	**269.30**
Total CBD			ND	ND
Total THC			**23.79**	**237.95**
Total Cannabinoids			**27.11**	**271.07**

Date Tested: 6/13/2024

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 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

Testing Location:

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

FOOD & ENVIRONMENT SAFETY ANALYTICAL LAB

Sample ID: 6740826-4
Date Issued: 8/27/24

Certificate of Analysis

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

Street Tartz

Client: Healthy Alternatives

Total CBD	**ND**
Total THC	**26.33 %**
Total Cannabinoids	**30.00 %**

Sample Name:
Street Tartz

Matrix:
Plant

Unit Mass:
1 g per unit

Sample ID:
6740826-4

Date Received:
8/26/2024

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)

FOOD & ENVIRONMENT SAFETY ANALYTICAL LAB

Sample ID: 6740826-4
Date Issued: 8/27/24

Certificate of Analysis

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

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**	**0.144**	**1.44**
Delta 8-THC	0.0020	0.0059	ND	ND
CBC	0.00070	0.0021	ND	ND
THCA	**0.0024**	**0.0073**	**29.856**	**298.56**
Total CBD			ND	ND
Total THC			**26.328**	**263.28**
Total Cannabinoids			**30.001**	**300.01**

Date Tested: 8/26/2024

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 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

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Testing Location:

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(714) 540-0172
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FOOD & ENVIRONMENT SAFETY ANALYTICAL LAB

Sample ID: 6740729-3
Date Issued: 7/29/24

Certificate of Analysis

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

Superboof

Client: Healthy Alternatives

Total CBD	**ND**
Total THC	**28.78 %**
Total Cannabinoids	**32.80 %**

Sample Name:
Superboof

Matrix:
Plant

Unit Mass:
1 g per unit

Sample ID:
6740729-3

Date Received:
7/29/2024

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)

FOOD & ENVIRONMENT SAFETY ANALYTICAL LAB

Sample ID: 6740729-3
Date Issued: 7/29/24

Certificate of Analysis

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

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**	**0.121**	**1.21**
Delta 8-THC	0.0020	0.0059	ND	ND
CBC	0.00070	0.0021	ND	ND
THCA	**0.0024**	**0.0073**	**32.674**	**326.74**
Total CBD			ND	ND
Total THC			**28.777**	**287.77**
Total Cannabinoids			**32.796**	**327.96**

Date Tested: 7/29/2024

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 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

Testing Location:

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Santa Ana, CA 92705
(714) 540-0172
www.fesalabs.com

FOOD & ENVIRONMENT SAFETY ANALYTICAL LAB

Sample ID:
Date Issued: 12/17/24

Certificate of Analysis

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Super Boof

Client: Healthy Alternatives

Total CBD	**ND**
Total THC	**27.05 %**
Total Cannabinoids	**30.83 %**

Sample Name:
Super Boof

Matrix:
Plant

Unit Mass:
1 g per unit

Sample ID:

Date Received:
12/17/2024

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)

FOOD & ENVIRONMENT SAFETY ANALYTICAL LAB

Sample ID:
Date Issued: 12/17/24

Certificate of Analysis

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

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**	**0.117**	**1.17**
Delta 8-THC	0.0020	0.0059	ND	ND
CBC	0.00070	0.0021	ND	ND
THCA	**0.0024**	**0.0073**	**30.712**	**307.12**
Total CBD			ND	ND
Total THC			**27.051**	**270.51**
Total Cannabinoids			**30.829**	**308.29**

Date Tested: 12/17/2024

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)

FOOD & ENVIRONMENT SAFETY ANALYTICAL LAB

Sample ID: 6740613-6
Date Issued: 6/13/24

Certificate of Analysis

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

Temptation

Client: Healthy Alternatives

Total CBD	**ND**
Total THC	**23.97 %**
Total Cannabinoids	**27.30 %**

Sample Name:
Temptation

Matrix:
Plant

Unit Mass:
1 g per unit

Sample ID:
6740613-6

Date Received:
6/13/2024

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)

FOOD & ENVIRONMENT SAFETY ANALYTICAL LAB

Sample ID: 6740613-6
Date Issued: 6/13/24

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	0.00080	0.0024	ND	ND
Delta 9-THC	**0.0022**	**0.0067**	**0.211**	**2.11**
Delta 8-THC	0.0020	0.0059	ND	ND
CBC	0.00070	0.0021	ND	ND
THCA	**0.0024**	**0.0073**	**27.092**	**270.92**
Total CBD			ND	ND
Total THC			**23.97**	**239.71**
Total Cannabinoids			**27.30**	**273.03**

Date Tested: 6/13/2024

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 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

Testing Location:

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

FOOD & ENVIRONMENT SAFETY ANALYTICAL LAB

Sample ID: 6740805-5
Date Issued: 8/6/24

Certificate of Analysis

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

Thin Mintz

Client: Healthy Alternatives

Total CBD	**ND**
Total THC	**29.11 %**
Total Cannabinoids	**33.18 %**

Sample Name:
Thin Mintz

Matrix:
Plant

Unit Mass:
1 g per unit

Sample ID:
6740805-5

Date Received:
8/5/2024

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)

FOOD & ENVIRONMENT SAFETY ANALYTICAL LAB

Sample ID: 6740805-5
Date Issued: 8/6/24

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**	**0.128**	**1.28**
Delta 8-THC	0.0020	0.0059	ND	ND
CBC	0.00070	0.0021	ND	ND
THCA	**0.0024**	**0.0073**	**33.052**	**330.52**
Total CBD			ND	ND
Total THC			**29.115**	**291.15**
Total Cannabinoids			**33.180**	**331.80**

Date Tested: 8/6/2024

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 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

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FOOD & ENVIRONMENT SAFETY ANALYTICAL LAB

Sample ID: 6740909-4
Date Issued: 9/10/24

Certificate of Analysis

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Tropical Summer

Client: Healthy Alternatives

Total CBD	**ND**
Total THC	**27.29 %**
Total Cannabinoids	**31.11 %**

Sample Name:
Tropical Summer

Matrix:
Plant

Unit Mass:
1 g per unit

Sample ID:
6740909-4

Date Received:
9/9/2024

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)

FOOD & ENVIRONMENT SAFETY ANALYTICAL LAB

Sample ID: 6740909-4
Date Issued: 9/10/24

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**	**0.044**	**0.44**
Delta 8-THC	0.0020	0.0059	ND	ND
CBC	0.00070	0.0021	ND	ND
THCA	**0.0024**	**0.0073**	**31.062**	**310.62**
Total CBD			ND	ND
Total THC			**27.285**	**272.85**
Total Cannabinoids			**31.106**	**311.06**

Date Tested: 9/9/2024

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 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

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www.fesalabs.com

FOOD & ENVIRONMENT SAFETY ANALYTICAL LAB

Sample ID: 46540603-11
Date Issued: 7/11/24

Certificate of Analysis

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

Violet Fog

Client: The Depot

Total CBD	**ND**
Total THC	**29.36 %**
Total Cannabinoids	**33.47 %**

Sample Name:
Violet Fog

Matrix:
Plant

Unit Mass:
1 g per unit

Sample ID:
46540603-11

Date Received:
6/3/2024

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

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Client: The Depot

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**	**0.090**	**0.90**
Delta 8-THC	0.0020	0.0059	ND	ND
CBC	0.00070	0.0021	ND	ND
THCA	**0.0024**	**0.0073**	**33.377**	**333.77**
Total CBD			ND	ND
Total THC			**29.362**	**293.62**
Total Cannabinoids			**33.467**	**334.67**

Date Tested: 6/3/2024

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 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

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(714) 540-0172
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FOOD & ENVIRONMENT SAFETY ANALYTICAL LAB

Sample ID: 6740624-2
Date Issued: 6/24/24

Certificate of Analysis

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White Chocolate

Client: Healthy Alternatives

Total CBD	**ND**
Total THC	**26.22 %**
Total Cannabinoids	**29.90 %**

Sample Name:
White Chocolate

Matrix:
Plant

Unit Mass:
1 g per unit

Sample ID:
6740624-2

Date Received:
6/24/2024

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**	**0.050**	**0.50**
Delta 8-THC	0.0020	0.0059	ND	ND
CBC	0.00070	0.0021	ND	ND
THCA	**0.0024**	**0.0073**	**29.845**	**298.45**
Total CBD			ND	ND
Total THC			**26.224**	**262.24**
Total Cannabinoids			**29.895**	**298.95**

Date Tested: 6/24/2024

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 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

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Zangria

Client: Healthy Alternatives
Sample Name: Zangria
Batch Number: N/A

Matrix: Plant
Unit Mass: 1 g per unit

Sample ID:
Date Issued: 3/6/25

Total CBD	**ND**
Delta 9-THC	**0.13 %**
THCA	**31.35 %**
Total Cannabinoids	**31.48 %**

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**	**0.135**	**1.35**
Delta 8-THC	0.0020	0.0059	ND	ND
CBC	0.00070	0.0021	ND	ND
THCA	**0.0024**	**0.0073**	**31.349**	**313.49**
Total CBD			ND	ND
Total THC			**27.628**	**276.28**
Total Cannabinoids			**31.484**	**314.84**

Date Tested: 3/5/2025

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)

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www.fesalabs.com

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

FOOD & ENVIRONMENT SAFETY ANALYTICAL LAB

Sample ID: 6740323-2
Date Issued: 3/13/24

Certificate of Analysis

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Zushi

Client: Scott

Total CBD	**ND**
Total THC	**29.20 %**
Total Cannabinoids	**33.28 %**

Sample Name:
Zushi

Matrix:
Plant

Unit Mass:
1 g per unit

Sample ID:
6740323-2

Date Received:
3/13/2024

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

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FOOD & ENVIRONMENT SAFETY ANALYTICAL LAB

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**	**0.150**	**1.50**
Delta 8-THC	0.0020	0.0059	ND	ND
CBC	0.00070	0.0021	ND	ND
THCA	**0.0024**	**0.0073**	**33.130**	**331.30**
Total CBD			ND	ND
Total THC			**29.20**	**292.04**
Total Cannabinoids			**33.28**	**332.79**

Date Tested: 3/13/2024

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

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