

721 Cortaro Dr. Sun City Center, FL 33573 www.acslabcannabis.com **DEA No.** RA0571996 FL License # CMTL-0003 **CLIA No.** 10D1094068

flower Sample Matrix: CBD/HEMP Flower & Plants (Inhalation - Heated)



Certificate of Analysis

Compliance Test

Tested

SOP13.001 (LCUV)

Client Information: THE ACE LEAF

8628 UNIT 200 UTICA AVE RANCHO CUCAMONGA, CA 91730-

Batch # 0021thca Batch Date: 2024-02-05 Extracted From: hemp

Test Reg State: Oregon

Sampling Date: 2024-02-09 Lab Batch Date: 2024-02-09 Completion Date: 2024-02-19

Initial Gross Weight: 6.852 g Net Weight: 2.452 g

Number of Units: Net Weight per Unit: 2500.000 mg

Order # THE240208-010001 Order Date: 2024-02-08 Sample # AAFH249



Product I mage

Potency 25 (LCUV) Specimen Weight: 205.700 mg

Pieces For Panel: 2

Analyte	Dilution (1:n)	LOD (%)	LOQ (%)	Result (mg/g)	(%)	
CBGA	15.000	8.00E-5	0.0015	82.0700	8.2070	
Delta-8 THC	15.000	2.60E-5	0.0015	12.0800	1.2080	
CBDA	15.000	1.00E-5	0.0015	9.1600	0.9160	
CBD	15.000	5.40E-5	0.0015	6.6300	0.6630	
CBG	15.000	2.48E-4	0.0015	6.1500	0.6150	
THCA-A	15.000	3.20E-5	0.0015	2.1800	0.2180	П
Delta-9 THC	15.000	1.30E-5	0.0015	2.1700	0.2170	
CBC	15.000	1.80E-5	0.0015	2.1500	0.2150	
CBCA	15.000	1.07E-4	0.0015	1.1350	0.1135	
CBT	15.000	2.00E-4	0.0015	0.7050	0.0705	
CBN	15.000	1.40E-5	0.0015	0.3800	0.0380	
CBDVA	15.000	1.40E-5	0.0015	0.3555	0.0356	
CBNA	15.000	9.50E-5	0.0015	0.2877	0.0288	1
Delta-8 THCV	15.000	4.00E-5	0.0015	0.1776	0.0178	
CBDV	15.000	6.50E-5	0.0015	<l0q< td=""><td><l0q< td=""><td></td></l0q<></td></l0q<>	<l0q< td=""><td></td></l0q<>	
CBL	15.000	3.50E-5	0.0015	<l0q< td=""><td><l0q< td=""><td></td></l0q<></td></l0q<>	<l0q< td=""><td></td></l0q<>	
Delta-8 THC-O Acetate	15.000	2.70E-5	0.003	<l0q< td=""><td><l0q< td=""><td></td></l0q<></td></l0q<>	<l0q< td=""><td></td></l0q<>	
Delta-9 THC-O Acetate	15.000	7.70E-5	0.003	<l0q< td=""><td><l0q< td=""><td></td></l0q<></td></l0q<>	<l0q< td=""><td></td></l0q<>	
Delta8-THCP *	15.000	3.75E-4	0.0015	<l0q< td=""><td><l0q< td=""><td></td></l0q<></td></l0q<>	<l0q< td=""><td></td></l0q<>	
Delta9-THCP *	15.000	1.17E-5	0.0012	<l0q< td=""><td><l0q< td=""><td></td></l0q<></td></l0q<>	<l0q< td=""><td></td></l0q<>	
Exo-THC	15.000	2.30E-4	0.0015	<l0q< td=""><td><l0q< td=""><td></td></l0q<></td></l0q<>	<l0q< td=""><td></td></l0q<>	
THCB *	15.000	1.80E-4	0.00195	<l0q< td=""><td><l0q< td=""><td></td></l0q<></td></l0q<>	<l0q< td=""><td></td></l0q<>	
THCH*	15.000	3.50E-4	0.00195	<l0q< td=""><td><l0q< td=""><td></td></l0q<></td></l0q<>	<l0q< td=""><td></td></l0q<>	
THCV	15.000	7.00E-6	0.0015	<l0q< td=""><td><l0q< td=""><td></td></l0q<></td></l0q<>	<l0q< td=""><td></td></l0q<>	
THCVA	15.000	4.70E-5	0.0015	<loq< td=""><td><l0q< td=""><td></td></l0q<></td></loq<>	<l0q< td=""><td></td></l0q<>	
Total Active CBD	15.000			14.663	1.466	
Total Active THC	15.000			4.082	0.408	L

Potency Summary Total Active THC Total Active CBD 10.205 mg 0.408% 36.658 mg 1.466% **Total CBG Total CBN** 1.575 mg 195.325 mg 7.813% 0.063% **Total Cannabinoids** Other Cannabinoids 64.862 mg 314.075 mg 2.595% Total THCA-A 0.218% 5.45 mg

Summary results above show the dry weight concentration

Lab Director/Principal Scientist



D.H.Sc., M.Sc., B.Sc., MT (AAB)

Aixia Sun





Definitions and Abbreviations used in this report: Total Active CBD = CBD + (CBD-A * 0.877), *Total CBDV = CBDV + (CBDVA * 0.87), Total Active THC = THCA-A * 0.877 + Delta 9 THC, Total THCV = THCV + (THCVA * 0.87), CBG Total = (CBGA * 0.877) + CBG, CBN Total = (CBNA * 0.877) + CBN, Total CBC = CBC + (CBCA * 0.877), Total THC-O-Acetate = Delta 9 THC-O-Acetate, Total THCP = Delta9-THCP, Delta9-THCP, Other Cannabinoids Total Cannabinoids - Delta6al annabinoids on the summary section, Total Detected Cannabinoids = Delta6al 10a-THC + Delta8-THC+ Total CBC + CBE + Delta8-F Total THCP + Total CBC + Total THC + Total THC+ CBL + Total THC+ Total CBC + Total THC+ Total CBC + Total THC+ Total THC+ Total CBC + CBC + Delta8-THC+ Total THC+ Total THC+

sampling.

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QA By: 1057 on 2024-02-19 12:53:17 V1

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Sample Kream THCa Pre Roll - Bubbleyumz

Delta9 THC **0.15%** THCa **0.06%**

Total THC (THC + THCa) 0.20% Delta8 THC 0.39%



Sample ID SD240302-014 (91818)		Matrix Flower (Inhalable Cannabis Good)
Tested for THE ACE LEAF		
Sampled -	Received Mar 01, 2024	Reported Mar 05, 2024
Analyses executed CAN+, MWA		

* CAN+ - Cannabinoids Analysis
Analyzed Mar 05, 2024 | Instrument HPLC-VWD | Method SOP-001
The expanded Uncertainty of the Cannabinoid analysis is approximately \$\mathcal{I}.806\% at the 95\% Confidence Level

Result LOQ mg/g Result mg/g Analyte Cannabidivarin (CBDV) 0.039 0.16 ND ND Cannabidiolic Acid (CBDA) 0.001 0.84 8.39 Cannabigerol Acid (CBGA) 0.16 97.76 Cannabigerol (CBG) 0.001 0.16 0.97 9.74 Cannabidiol (CBD) 0.001 0.16 0.79 7.88 Tetrahydrocannabivarin (THCV) 0.001 0.16 ND ND Cannabinol (CBN) 0.001 0.16 ND ND Tetrahydrocannabinol ($\Delta 9$ -THC) 0.003 0.16 0.15 1.46 $\Delta 8$ -tetrahydrocannabinol ($\Delta 8$ -THC) 0.004 0.16 0.39 3.86 Cannabicyclol (CBL) 0.002 0.16 ND ND Cannabichromene (CBC) 0.002 0.16 0.31 3.11 Tetrahydrocannabinolic Acid (THCA) 0.001 0.16 0.07 0.66 Total THC (THCa * 0.877 + A9THC) 0.20 2.04 Total THC + \triangle 8THC (THCa * 0.877 + \triangle 9THC + \triangle 8THC) 0.59 5.90 Total CBD (CBDa * 0.877 + CBD) 1.52 15.24 Total CBG (CBGa * 0.877 + CBG) 9.55 95.48 119.72 Total Cannabinoids Analyzed 11.97



*Dry Weight %

MWA - Moisture Content & Water Activity Analysis

Analyzed Mar 05, 2024 | Instrument Chilled-mirror Dewpoint and Capacitance | Method SC

Analyte	LOD %	LOQ %	Result	Limit	Analyte	LOD %	LOQ %	Result	Limit
Moisture (Moi)	0.0	0.0	9.5 % Mw	13 % Mw	Water Activity (WA)	0.03	0.03	0.63 a _w	0.85 a _w

UI Unidentified
ND Not Detected
NA Not Applicable
NT Not Reported
LOD Limit of Detection
LOQ Limit of Quantification
<LOQ Detected
>ULOL Above upper limit of linearity
CFU/g Colony Forming Units per 1 gram
TNTC Too Numerous to Count



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Brandon Starr Brandon Starr, Lab Manager Tue, 05 Mar 2024 13:06:50 -0800



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* CAN+ - Cannabinoids Analysis Analyzed Mar 05, 2024 | Instrument HPLC-VWD | Method SOP-001

Total CBD (CBDa * 0.877 + CBD)

Total CBG (CBGa * 0.877 + CBG)

Total Cannabinoids Analyzed

The expanded Uncertainty of the Cannabinoid analysis is approximately ${\it \it \# 1.806\%}$ at the 95% Confidence Level Result % Result mg/g Analyte Cannabidivarin (CBDV) 0.039 0.16 ND ND Cannabidiolic Acid (CBDA) 0.001 0.16 0.44 4.41 Cannabigerol Acid (CBGA) 0.001 0.16 9.96 99.61 Cannabigerol (CBG) 0.001 0.16 1.03 10.26 Cannabidiol (CBD) 0.001 0.16 0.34 3.43 Tetrahydrocannabivarin (THCV) ND 0.001 0.16 ND 0.001 0.16 ND ND Cannabinol (CBN) Tetrahydrocannabinol (Δ9-THC) ND ND Cannabicyclol (CBL) 0.002 0.16 0.37 3.71 Tetrahydrocannabinolic Acid (THCA) 0.20 2.02 0.27 2.71 Total THC + Δ 8THC (THCa * 0.877 + Δ 9THC + Δ 8THC) 0.52 5.20

Sample photography

*Dry Weight %

MWA - Moisture Content & Water Activity Analysis

Analyzed Mar 05, 2024 | Instrument Chilled-mirror Dewpoint and Capacitance | Method SOP-008

Analyte	LOD %	LOQ %	Result	Limit	Analyte	LOD %	LOQ %	Result	Limit
Moisture (Moi)	0.0	0.0	9.2 % Mw	13 % Mw	Water Activity (WA)	0.03	0.03	0.62 a _w	0.85 a _w

UI Unidentified
ND Not Detected
N/A Not Applicable
NT Not Reported
LOD Limit of Detection
LOQ Limit of Quantification
4.0Q Detected
VULOL Above upper limit of linearity
CFU/g Colonyl Forming Units per 1 gram
TNTC Too Numerous to Count





0.73

9.76

11.38

7.30

97.62

113.83

Authorized Signature

Brandon Starr Brandon Starr, Lab Manager Tue, 05 Mar 2024 13:06:52 -0800



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Sample Kream THCa Pre Roll - Icy Melon Fizz



* CAN+ - Cannabinoids Analysis
Analyzed Mar 05, 2024 | Instrument HPLC-VWD | Method SOP-001
The expanded Uncertainty of the Cannabinoid analysis is approximately \$\mathcal{I}.806\% at the 95\% Confidence Level

Analyte	LOD mg/g	LOQ mg/g	Result %	Result mg/g
Cannabidivarin (CBDV)	0.039	0.16	ND	ND
Cannabidiolic Acid (CBDA)	0.001	0.16	0.30	3.01
Cannabigerol Acid (CBGA)	0.001	0.16	9.87	98.74
Cannabigerol (CBG)	0.001	0.16	1.03	10.32
Cannabidiol (CBD)	0.001	0.16	0.28	2.83
Tetrahydrocannabivarin (THCV)	0.001	0.16	ND	ND
Cannabinol (CBN)	0.001	0.16	ND	ND
Tetrahydrocannabinol (Δ9-THC)	0.003	0.16	0.12	1.22
Δ8-tetrahydrocannabinol (Δ8-THC)	0.004	0.16	0.34	3.43
Cannabicyclol (CBL)	0.002	0.16	ND	ND
Cannabichromene (CBC)	0.002	0.16	0.36	3.64
Tetrahydrocannabinolic Acid (THCA)	0.001	0.16	0.14	1.35
Total THC (THCa * 0.877 + Δ9THC)			0.24	2.40
Total THC + Δ8THC (THCa * 0.877 + Δ9THC + Δ8THC)			0.58	5.83
Total CBD (CBDa * 0.877 + CBD)			0.55	5.47
Total CBG (CBGa * 0.877 + CBG)			9.69	96.91
Total Cannabinoids Analyzed			11.19	111.86

Sample photography

*Dry Weight %

MWA - Moisture Content & Water Activity Analysis

Analyzed Mar 05, 2024 | Instrument Chilled-mirror Dewpoint and Capacitance | Method SOP-008

Analyte	LOD %	LOQ %	Result	Limit	Analyte	LOD %	LOQ %	Result	Limit
Moisture (Moi)	0.0	0.0	9.8 % Mw	13 % Mw	Water Activity (WA)	0.03	0.03	0.64 a _w	0.85 a _w

UI Unidentified
ND Not Detected
N/A Not Applicable
NT Not Reported
LOD Limit of Detection
LOQ Limit of Quantification
4.0Q Detected
VULOL Above upper limit of linearity
CFU/g Colonyl Forming Units per 1 gram
TNTC Too Numerous to Count





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Brandon Starr



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* CAN+ - Cannabinoids Analysis
Analyzed Mar 05, 2024 | Instrument HPLC-VWD | Method SOP-001
The expanded Uncertainty of the Cannabinoid analysis is approximately \$7.806% at the 95% Confidence Level

Analyte	LOD mg/g	LOQ mg/g	Result %	Result mg/g
Cannabidivarin (CBDV)	0.039	0.16	ND	ND
Cannabidiolic Acid (CBDA)	0.001	0.16	0.84	8.39
Cannabigerol Acid (CBGA)	0.001	0.16	9.78	97.76
Cannabigerol (CBG)	0.001	0.16	0.97	9.74
Cannabidiol (CBD)	0.001	0.16	0.79	7.88
Tetrahydrocannabivarin (THCV)	0.001	0.16	ND	ND
Cannabinol (CBN)	0.001	0.16	ND	ND
Tetrahydrocannabinol (Δ9-THC)	0.003	0.16	0.15	1.46
Δ8-tetrahydrocannabinol (Δ8-THC)	0.004	0.16	0.39	3.86
Cannabicyclol (CBL)	0.002	0.16	ND	ND
Cannabichromene (CBC)	0.002	0.16	0.31	3.11
Tetrahydrocannabinolic Acid (THCA)	0.001	0.16	0.07	0.66
Total THC (THCa * 0.877 + Δ9THC)			0.20	2.04
Total THC + Δ8THC (THCa * 0.877 + Δ9THC + Δ8THC)			0.59	5.90
Total CBD (CBDa * 0.877 + CBD)			1.52	15.24
Total CBG (CBGa * 0.877 + CBG)			9.55	95.48
Total Cannabinoids Analyzed			11.97	119.72

Sample photography

*Dry Weight %

MWA - Moisture Content & Water Activity Analysis

Analyzed Mar 05, 2024 | Instrument Chilled-mirror Dewpoint and Capacitance | Method SOP-008

Analyte	LOD %	LOQ %	Result	Limit	Analyte	LOD %	LOQ %	Result	Limit
Moisture (Moi)	0.0	0.0	9.5 % Mw	13 % Mw	Water Activity (WA)	0.03	0.03	0.63 a _w	0.85 a _w

UI Unidentified
ND Not Detected
N/A Not Applicable
NT Not Reported
LOD Limit of Detection
LOQ Limit of Quantification
4.0Q Detected
VULOL Above upper limit of linearity
CFU/g Colonyl Forming Units per 1 gram
TNTC Too Numerous to Count





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Brandon Starr Brandon Starr, Lab Manager Tue, 05 Mar 2024 13:06:50 -0800



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sample Kream THCa Pre Roll - Strawnana



* CAN+ - Cannabinoids Analysis
Analyzed Mar 05, 2024 | Instrument HPLC-VWD | Method SOP-001
The expanded Uncertainty of the Cannabinoid analysis is approximately \$\mathcal{I}.806\% at the 95\% Confidence Level

Analyte	LOD mg/g	LOQ mg/g	Result %	Result mg/g
Cannabidivarin (CBDV)	0.039	0.16	ND	ND
Cannabidiolic Acid (CBDA)	0.001	0.16	0.69	6.93
Cannabigerol Acid (CBGA)	0.001	0.16	9.66	96.63
Cannabigerol (CBG)	0.001	0.16	0.87	8.69
Cannabidiol (CBD)	0.001	0.16	0.69	6.94
Tetrahydrocannabivarin (THCV)	0.001	0.16	ND	ND
Cannabinol (CBN)	0.001	0.16	ND	ND
Tetrahydrocannabinol (Δ9-THC)	0.003	0.16	0.11	1.13
Δ8-tetrahydrocannabinol (Δ8-THC)	0.004	0.16	0.35	3.49
Cannabicyclol (CBL)	0.002	0.16	ND	ND
Cannabichromene (CBC)	0.002	0.16	0.34	3.40
Tetrahydrocannabinolic Acid (THCA)	0.001	0.16	0.11	1.10
Total THC (THCa * 0.877 + Δ 9THC)			0.21	2.09
Total THC + Δ8THC (THCa * 0.877 + Δ9THC + Δ8THC)			0.56	5.58
Total CBD (CBDa * 0.877 + CBD)			1.30	13.02
Total CBG (CBGa * 0.877 + CBG)			9.34	93.43
Total Cannabinoids Analuzed			11.54	115.44

Sample photography

*Dry Weight %

MWA - Moisture Content & Water Activity Analysis

Analyzed Mar 05, 2024 | Instrument Chilled-mirror Dewpoint and Capacitance | Method SOP-008

Analyte	LOD %	LOQ %	Result	Limit	Analyte	LOD %	LOQ %	Result	Limit
Moisture (Moi)	0.0	0.0	8.3 % Mw	13 % Mw	Water Activity (WA)	0.03	0.03	0.57 a _w	0.85 a _w

UI Unidentified
ND Not Detected
N/A Not Applicable
NT Not Reported
LOD Limit of Detection
LOQ Limit of Quantification
4.0Q Detected
VULOL Above upper limit of linearity
CFU/g Colonyl Forming Units per 1 gram
TNTC Too Numerous to Count





Authorized Signature

Brandon Starr Brandon Starr, Lab Manager Tue, 05 Mar 2024 13:06:55 -0800

