

SUMMARY OF ANALYSIS (SAMPLE ID: SA25894)

Testing Location: OKC 3680 E. I-240 Service Rd. Oklahoma City, OK 73135 License: LAAA-4Y4X-Z72Z	Customer ID: 32 CBD Plus USA 420 N Pennsylvania Ave Oklahoma City, OK 73107 License: Not Entered or N/A	Order ID: OR8077 Lot Number: Not Entered Batch Number: LC 311-2 4.16.20	Sample Type: Primary Matrix: Edible Mass: 7.83g Date Collected: 04/20/2020 Date Received: 04/20/2020
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Cultivar (Strain) or Sample Description: Edify - 200mg THC Chocolate Bar (20mg per Square) **Date Completed:** 04/21/2020

*This page is simply a summary of the analysis performed. For analytical details, please consult the individual Certificate(s) of Analysis for each of the specific test(s) performed.

*For Oklahoma, with the new OMMA rules to be effective April 1, 2020, limits on moisture are proposed at 15% and water activity at 0.65aw.

Moisture Content (%) Not Tested	PASS/FAIL N/A	Water Activity (aw) Not Tested	PASS/FAIL N/A
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Cannabinoids (Top 3)	(%)	mg/g
Δ9-THC	0.271	3
CBG	0.00634	0.0634
CBN	0.00405	0.0405
TOTAL CBD	-	-
TOTAL THC	0.271	3
TOTAL CANNABINOIDS	0.285	3

Terpenes (Top 5)	(%)	µg/g
cis-Nerolidol	0.031	309
Linalool	0.005	47
Geraniol	0.004	42
p-Cymene	0.003	27
Isopulegol	0.002	23
TOTAL TERPENES	0.0497	497

Contaminants	PASS/FAIL
Visual Inspection:	PASS



Scan the QR code to verify results.

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The statements and results herein have not been approved and/or endorsed by the FDA.

REPORT OF LABORATORY ANALYSIS

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Kyle W. Felling
Kyle W. Felling, Ph.D.
Laboratory Director



CERTIFICATE OF ANALYSIS (SAMPLE ID: SA25894)

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CANNABINOID (POTENCY) PROFILE

Analysis Date/Time: 04/20/2020 1048
Analyst: WW

Method: HPLC/DAD
Instrument: Agilent 1100

Moisture Content (%): -
Water Activity (aw): -

Cannabinoid	Result (%)	Result (mg/g)	Reporting Limit (mg/g)	Result (mg/mL)	Per Unit (mg)
CBD	-	-	0.0249	-	-
CBDa	-	-	0.0249	-	-
CBDv	-	-	0.0249	-	-
Δ9-THC	0.271	2.71	0.0249	-	21
Δ8-THC	-	-	0.0249	-	-
THCa	-	-	0.0249	-	-
THCv	-	-	0.0249	-	-
CBC	0.00289	0.0289	0.0249	-	0.226
CBG	0.00634	0.0634	0.0249	-	0.497
CBGa	-	-	0.0249	-	-
CBN	0.00405	0.0405	0.0249	-	0.318
TOTAL	0.285	3			22
TOTAL THC	0.271	2.71			21
TOTAL CBD	-	-			-

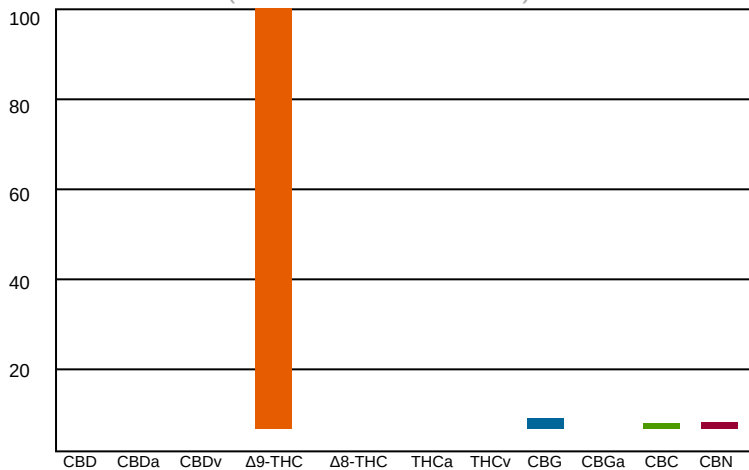


UNIT MASS (g): 7.8384

"-" Not detected above RL.

Cannabinoid Distribution

(% of Total Cannabinoids)



Deviations from standard operating procedure: None

Recoveries for all analyte standards: 90-110%
Replicate Uncertainties: <5% RSD, <20% RPD
Sample/Reagent Blanks: <RL for all analytes

Values for plant matter are adjusted for moisture content.

Total THC = (THCa x 0.877) + Δ9-THC
Total CBD = (CBDa x 0.877) + CBD

Percentage results are reported by mass.
mg/g results are reported as mass component per mass material.

Abbreviations: UV - Ultraviolet, HPLC - High Pressure Liquid Chromatography, RL - Reporting Limit, RPD - Relative Percent Difference, RSD - Relative Standard Deviation

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TERPENOID PROFILE

Analysis Date/Time: 04/20/2020 1048 **Method:** HS/GC/FID (Internal Method-002) **Deviations from SOP:**
Analyst: DJ **Instrument:** Agilent 6890 None

<u>Terpene</u>	<u>Result (µg/g)</u>	<u>Result (%)</u>	
α-Bisabolol	13	0.00128	█
Camphene	-	-	
δ-3-Carene	-	-	
β-Caryophyllene	-	-	
Caryophyllene oxide	12	0.00122	█
p-Cymene	27	0.00268	█
Eucalyptol	-	-	
Geraniol	42	0.00421	█
Guaiol	9	0.000877	█
α-Humulene	15	0.00151	█
Isopulegol	23	0.0023	█
d-Limonene	-	-	
Linalool	47	0.00474	█
β-Myrcene	-	-	
cis-Nerolidol	309	0.0309	█
trans-Nerolidol	-	-	
α-Ocimene	-	-	
β-Ocimene	-	-	
α-Pinene	-	-	
β-Pinene	-	-	
α-Terpinene	-	-	
γ-Terpinene	-	-	
Terpinolene	-	-	
TOTAL	497	0.0497	



Abbreviations: HS - Headspace, GC - Gas Chromatography, MS - Mass Spectrometry, RL - Reporting Limit

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"-" Not detected above RL.

Reporting Limit (µg/g): 0.996

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