

## SUMMARY OF ANALYSIS (SAMPLE ID: #25334)

<b>Testing Location:</b> OKC 3680 E. I-240 Service Rd. Oklahoma City, OK 73135 License: LAAA-4Y4X-Z72Z	<b>Customer ID:</b> 32 CBD Plus USA 420 N Pennsylvania Ave Oklahoma City, OK 73107 License: Not Entered or N/A	<b>Order ID:</b> OR2020-7904 <b>Lot Number:</b> Not Entered <b>Batch Number:</b> LC 311-2 04/20	<b>Sample Type:</b> Primary <b>Matrix:</b> Edible <b>Mass:</b> 16.08g <b>Date Collected:</b> 04/07/2020 <b>Date Received:</b> 04/07/2020
<b>Cultivar (Strain) or Sample Description:</b> THC Dark Chocolate with Raspberry Swirl Bar			<b>Date Completed:</b> 04/07/2020

\*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.

<b>Moisture Content (%)</b> Not Tested	<b>PASS/FAIL</b> N/A	<b>Water Activity (aw)</b> Not Tested	<b>PASS/FAIL</b> N/A
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<b>Cannabinoids (Top 3)</b>	<b>(%)</b>	<b>mg/g</b>
Δ9-THC	0.231	2
CBG	0.0065	0.065
CBN	0.00382	0.0382
TOTAL CBD	-	-
TOTAL THC	0.233	2
TOTAL CANNABINOIDS	0.247	2

<b>Terpenes (Top 5)</b>	<b>(%)</b>	<b>μg/g</b>
α-Bisabolol	0.000	0
Camphene	0.000	0
δ-3-Carene	0.000	0
β-Caryophyllene	0.000	0
Caryophyllene oxide	0.000	0
TOTAL TERPENES	-	-

<b>Contaminants</b>	<b>PASS/FAIL</b>
Visual Inspection:	<b>PASS</b>



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

[www.FASTLaboratories.com](http://www.FASTLaboratories.com)



## CERTIFICATE OF ANALYSIS (SAMPLE ID: #25334)

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### CANNABINOID (POTENCY) PROFILE

**Analysis Date/Time:** 04/07/2020 1151  
**Analyst:** WW

**Method:** HPLC/DAD  
**Instrument:** Agilent 1100

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

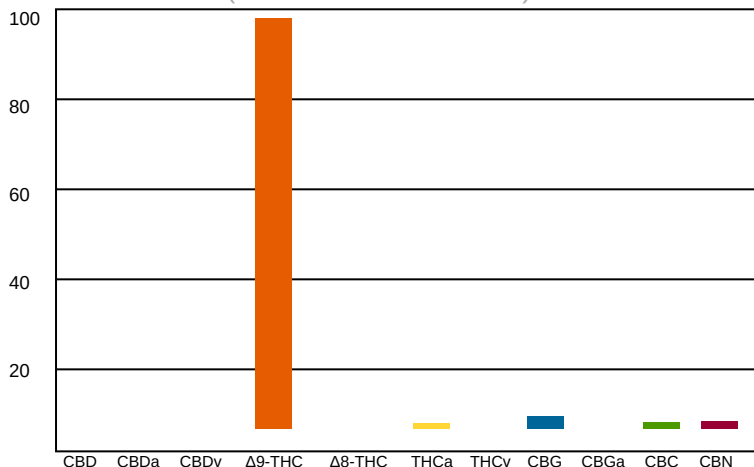
<u>Cannabinoid</u>	<u>Result (%)</u>	<u>Result (mg/g)</u>	<u>Reporting Limit (mg/g)</u>	<u>Result (mg/mL)</u>	<u>Per Unit (mg)</u>
CBD	-	-	0.0252	-	-
CBDa	-	-	0.0252	-	-
CBDv	-	-	0.0252	-	-
Δ9-THC	0.231	2.31	0.0252	-	37
Δ8-THC	-	-	0.0252	-	-
THCa	0.00295	0.0295	0.0252	-	0.473
THCv	-	-	0.0252	-	-
CBC	0.00345	0.0345	0.0252	-	0.553
CBG	0.0065	0.065	0.0252	-	1.04
CBGa	-	-	0.0252	-	-
CBN	0.00382	0.0382	0.0252	-	0.613
<b>TOTAL</b>	<b>0.247</b>	<b>2</b>		<b>-</b>	<b>40</b>
<b>TOTAL THC</b>	<b>0.233</b>	<b>2.33</b>		<b>-</b>	<b>37</b>
<b>TOTAL CBD</b>	<b>-</b>	<b>-</b>		<b>-</b>	<b>-</b>



**UNIT MASS (g):** 16.05

"-" 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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**SUMMARY OF ANALYSIS (SAMPLE ID: #25334)**

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**TERPENOID PROFILE**

**Analysis Date/Time:** 04/07/2020 1151      **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	-	-
Camphene	-	-
δ-3-Carene	-	-
β-Caryophyllene	-	-
Caryophyllene oxide	-	-
p-Cymene	-	-
Eucalyptol	-	-
Geraniol	-	-
Guaiol	-	-
α-Humulene	-	-
Isopulegol	-	-
d-Limonene	-	-
Linalool	-	-
β-Myrcene	-	-
cis-Nerolidol	-	-
trans-Nerolidol	-	-
α-Ocimene	-	-
β-Ocimene	-	-
α-Pinene	-	-
β-Pinene	-	-
α-Terpinene	-	-
γ-Terpinene	-	-
Terpinolene	-	-
<b>TOTAL</b>	<b>0</b>	<b>0</b>



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

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"-" Not detected above RL.

**Reporting Limit (µg/g): 1.01**

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