

**SUMMARY OF ANALYSIS (SAMPLE ID: SA2020-24598)**

<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> OR2020-7697 <b>Lot Number:</b> Not Entered <b>Batch Number:</b> Not Entered	<b>Sample Type:</b> Primary <b>Matrix:</b> Industrial Hemp <b>Mass:</b> 1.2g <b>Date Collected:</b> 03/23/2020 <b>Date Received:</b> 03/23/2020
<b>Cultivar (Strain) or Sample Description:</b> Hemp Flower - CB Dawg			<b>Date Completed:</b> 03/24/2020

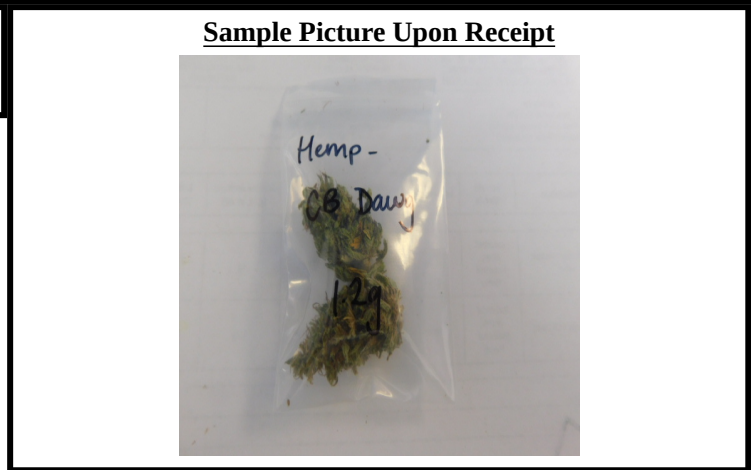
\*This page is simply a summary of the analysis performed. For analytical details, please consult the individual Certificate(s) of Analysis for each of the specific test(s) performed.

\*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>
CBDa	15.9	159
CBD	0.705	7
THCa	0.566	6
TOTAL CBD	14.6	146
TOTAL THC	0.564	6
TOTAL CANNABINOIDS	18	180

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



Scan the QR code to verify results.

This information is provided as a service and makes no claims of efficacy and/or safety of this product. Results are applicable only for the sample(s) analyzed and for the specific analysis conducted. This report is for informational purposes only and should not be used to diagnose, treat, or prevent any medical-related symptoms. 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: SA2020-24598)

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### CANNABINOID (POTENCY) PROFILE

**Analysis Date/Time:** 03/23/2020 1748  
**Analyst:** WW

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

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

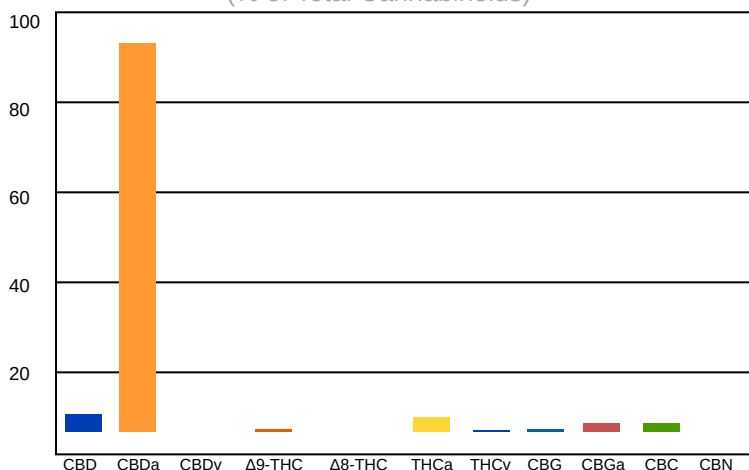
<u>Cannabinoid</u>	<u>Result (%)</u>	<u>Result (mg/g)</u>	<u>Reporting Limit (mg/g)</u>	<u>Result (mg/mL)</u>	<u>Per Unit (mg)</u>
CBD	0.705	7.05	0.05	-	7
CBDa	15.9	159	0.05	-	159
CBDv	-	-	0.05	-	-
Δ9-THC	0.068	0.68	0.05	-	0.68
Δ8-THC	-	-	0.05	-	-
THCa	0.566	5.66	0.05	-	6
THCv	0.0233	0.233	0.05	-	0.233
CBC	0.339	3.39	0.05	-	3
CBG	0.0931	0.931	0.05	-	0.931
CBGa	0.332	3.32	0.05	-	3
CBN	-	-	0.05	-	-
<b>TOTAL</b>	<b>18</b>	<b>180</b>			<b>180</b>
<b>TOTAL THC</b>	<b>0.564</b>	<b>5.64</b>			<b>6</b>
<b>TOTAL CBD</b>	<b>14.6</b>	<b>146</b>			<b>146</b>



**UNIT MASS (g):** 1

"-" 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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