

CERTIFICATE OF ANALYSIS

Order Type: Industrial Hemp
Order ID: OR2020-6546

Customer ID: 1485
Customer Name: Hawg's Hemp Farm

Harvest/Extract Lot: None
Harvest/Extract Batch: None

Cultivar (Strain): Crude Oil
Sample Date: 01/14/2020

Lab ID: SA2020-20581
Date Received: 01/14/2020

Sample Matrix: Oil/Tincture
Date Completed: 01/14/2020

Remarks:

CANNABINOID (POTENCY) PROFILE

Analysis Date/Time: 01/14/2020 1256
Analyst: JI

Method: HPLC/DAD
Instrument: Agilent 1100

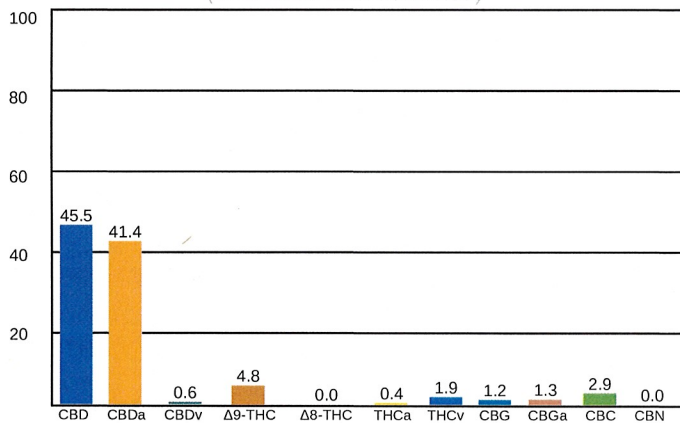
Moisture Content (%): -
Water Activity (aw): -

<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	29.1	291	0.248	-	291
CBDa	26.5	265	0.248	-	265
CBDv	0.358	3.58	0.248	-	4
Δ9-THC	3.08	30.8	0.248	-	31
Δ8-THC	-	-	0.248	-	-
THCa	0.278	2.78	0.248	-	3
THCv	1.22	12.2	0.248	-	12
CBC	1.87	18.7	0.248	-	19
CBG	0.751	7.51	0.248	-	8
CBGa	0.851	8.51	0.248	-	9
CBN	-	-	0.248	-	-
TOTAL	64	640		-	640
TOTAL THC	3.32	33.2		-	33
TOTAL CBD	52.4	524		-	524

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

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.

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Laboratory Director (Tulsa)

REPORT OF LABORATORY ANALYSIS

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