

CERTIFICATE OF ANALYSIS

Project: Medical Cannabis
Order ID: 2019000141

Customer ID: 54755766
Customer Name: CBD Plus USA

Harvest/Extract Lot:
Harvest/Extract Date:

Cultivar (Strain): THC-Free
Distillate
Sample Date: 01/17/2019

Lab ID: 2019000519
Date Received: 01/17/2019

Sample Matrix: Concentrate
Date Completed: 01/21/2019

Remarks:

Analysis Date/Time: 01-19-2019 1221
Analyst: KWF

Method: HPLC/UV
Instrument: Agilent 1100

Moisture Content (%): -
Water Activity (aw): - at - °C

<u>Cannabinoid</u>	<u>Result</u> <u>(%)</u>	<u>Result</u> <u>(mg/g)</u>	<u>Reporting Limit</u> <u>(mg/g)</u>	<u>Per Unit</u> <u>(mg)</u>
CBD	31.8	318	0.100	318
CBDa	0.214	2.14	0.100	2.14
CBDv	0.703	7.03	0.100	7.03
Δ9-THC	<RL	<RL	0.100	-
Δ8-THC	<RL	<RL	0.100	-
THCa	<RL	<RL	0.100	-
CBC	15.0	150	0.100	150
CBG	4.08	40.8	0.100	40.8
CBGa	<RL	<RL	0.100	-
CBN	5.96	59.6	0.100	59.6
TOTAL	69.7	577		577



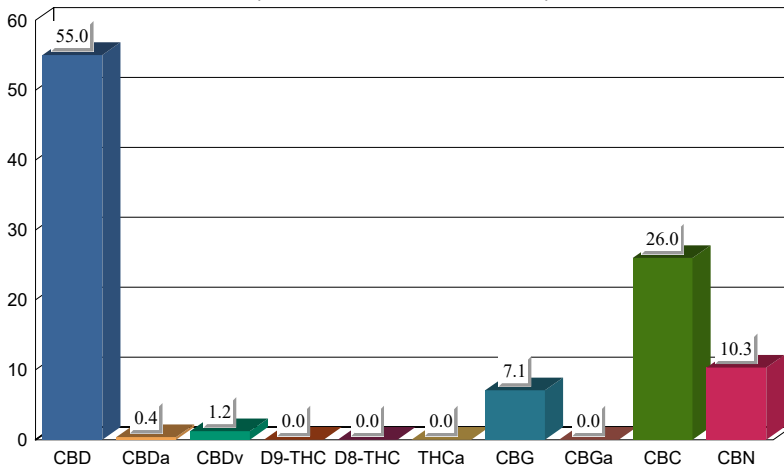
UNIT MASS (g): 1.00

TOTAL THC <RL <RL -
TOTAL CBD 32.0 320 320

Deviations from standard operating procedure: None

Cannabinoid Distribution

(% of Total Cannabinoids)



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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REPORT OF LABORATORY ANALYSIS

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