

CERTIFICATE OF ANALYSIS

Project: CBD **Customer ID:** 54755766 **Harvest/Extract Lot:**
Order ID: 2019000439 **Customer Name:** CBD Plus USA **Harvest/Extract Date:**
Cultivar (Strain): FS All Nat (1000) **Lab ID:** 2019001732 **Sample Matrix:** Oil/Tincture
Sample Date: 02/21/2019 **Date Received:** 02/21/2019 **Date Completed:** 02/22/2019

Remarks:

Analysis Date/Time: 02-22-2019 1414 **Method:** HPLC/UV **Moisture Content (%):** -
Analyst: KWF **Instrument:** Agilent 1100 **Water Activity (aw):** - at - °C

<u>Cannabinoid</u>	<u>Result</u> <u>(%)</u>	<u>Result</u> <u>(mg/mL)</u>	<u>Reporting Limit</u> <u>(mg/mL)</u>	<u>Per Unit</u> <u>(mg)</u>
CBD	3.38	33.8	0.05	1013
CBDa	<RL	<RL	0.05	-
CBDv	<RL	<RL	0.05	-
Δ9-THC	0.0483	0.483	0.05	14.5
Δ8-THC	<RL	<RL	0.05	-
THCa	<RL	<RL	0.05	-
CBC	0.162	1.62	0.05	48.6
CBG	0.0180	0.180	0.05	5.39
CBGa	<RL	<RL	0.05	-
CBN	0.0500	0.500	0.05	15.0
TOTAL	3.66	36.6		1097



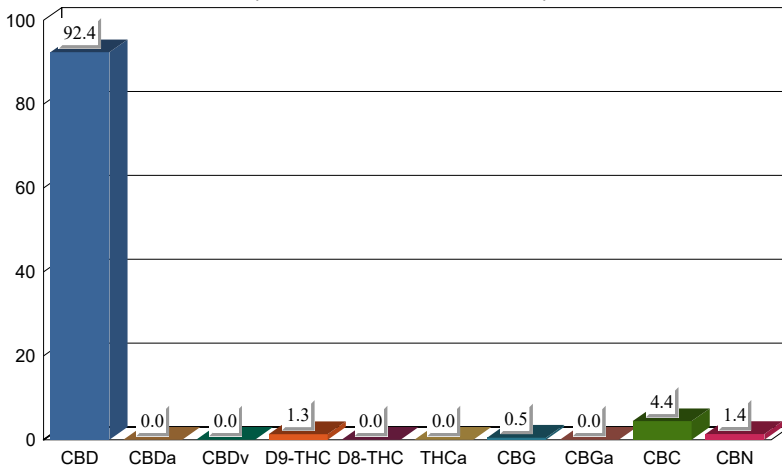
UNIT VOLUME (mL): 30.0

TOTAL THC 0.0483 0.483 14.5
TOTAL CBD 3.38 33.8 1013

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

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