

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 Straw Lem **Lab ID:** 2019001739 **Sample Matrix:** Oil/Tincture
(1000) **Date Received:** 02/21/2019 **Date Completed:** 02/22/2019
Sample Date: 02/21/2019 **Remarks:**

Analysis Date/Time: 02-22-2019 1426 **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	3.85	38.5	0.05	1156
CBDa	<RL	<RL	0.05	-
CBDv	0.0300	0.300	0.05	9.01
Δ9-THC	0.0402	0.402	0.05	12.1
Δ8-THC	<RL	<RL	0.05	-
THCa	<RL	<RL	0.05	-
CBC	0.156	1.56	0.05	46.7
CBG	0.0136	0.136	0.05	4.07
CBGa	<RL	<RL	0.05	-
CBN	0.0640	0.640	0.05	19.2
TOTAL	4.16	41.6		1247



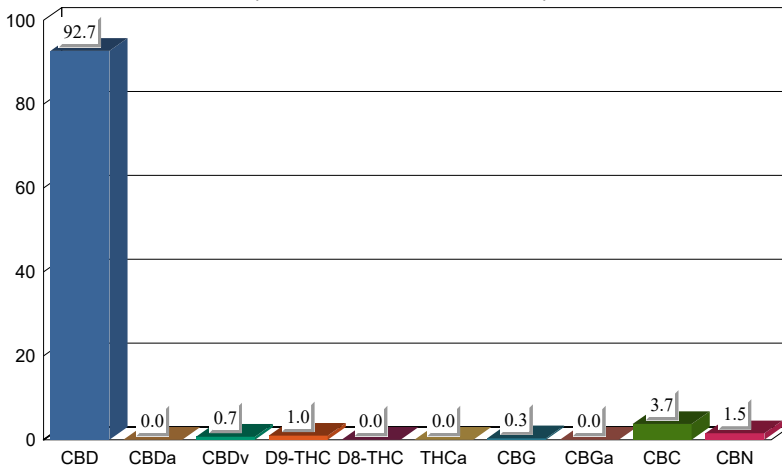
UNIT VOLUME (mL): 30.0

TOTAL THC 0.0402 0.402 12.1
TOTAL CBD 3.85 38.5 1156

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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Felling Analytical Services and Technology (F.A.S.T.), LLC

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