

CERTIFICATE OF ANALYSIS

Project: CBD	Customer ID: 54755766	Harvest/Extract Lot:
Order ID: 2019000378	Customer Name: CBD Plus USA	Harvest/Extract Date:
Cultivar (Strain): FS Chy Alm (1000)	Lab ID: 2019001446	Sample Matrix: Oil/Tincture
Sample Date: 02/15/2019	Date Received: 02/15/2019	Date Completed: 02/18/2019

Analysis Date/Time: 02-17-2019 1956	Method: HPLC/UV	Moisture Content (%): -
Analyst: KWF	Instrument: Agilent 1100	Water Activity (aw): - at - °C

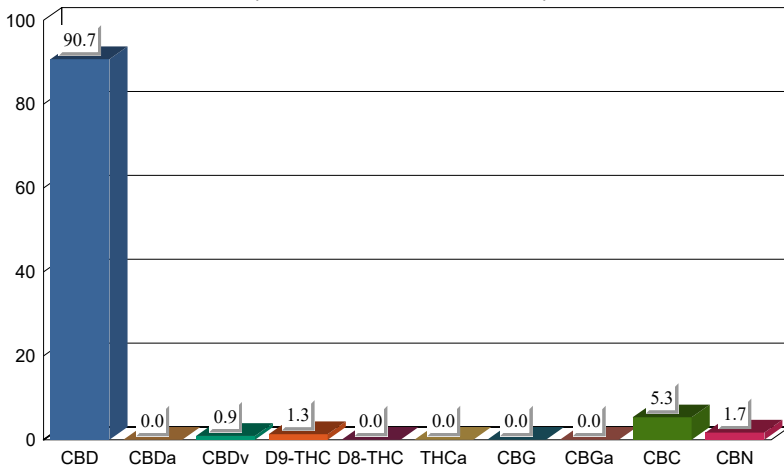
<u>Cannabinoid</u>	<u>Result (%)</u>	<u>Result (mg/mL)</u>	<u>Reporting Limit (mg/mL)</u>	<u>Per Unit (mg)</u>
CBD	3.40	34.0	0.05	1019
CBDa	<RL	<RL	0.05	-
CBDv	0.0336	0.336	0.05	10.1
Δ9-THC	0.0494	0.494	0.05	14.8
Δ8-THC	<RL	<RL	0.05	-
THCa	<RL	<RL	0.05	-
CBC	0.200	2.00	0.05	60.0
CBG	<RL	<RL	0.05	-
CBGa	<RL	<RL	0.05	-
CBN	0.0641	0.641	0.05	19.2
TOTAL	7.55	37.4		1123
TOTAL THC	0.0494	0.494		14.8
TOTAL CBD	3.40	34.0		1019



UNIT VOLUME (mL): 30.0

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.

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 Laboratory Director

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