

CERTIFICATE OF ANALYSIS

Order Type: CBD	Customer ID: 32	Harvest/Extract Lot: None
Order ID: OR2019-2365	Customer Name: CBD Plus USA	Harvest/Extract Batch: None
Cultivar (Strain): Cherry Wine	Lab ID: SA2019-7679	Sample Matrix: Flower
Sample Date: 07/11/2019	Date Received: 07/11/2019	Date Completed: 07/12/2019

Remarks:

CANNABINOID (POTENCY) PROFILE

Analysis Date/Time: 07/12/2019 0513 **Method:** HPLC/DAD (Internal Method-001) **Moisture Content (%):** -
Analyst: OL **Instrument:** Agilent 1100 **Water Activity (aw):** -

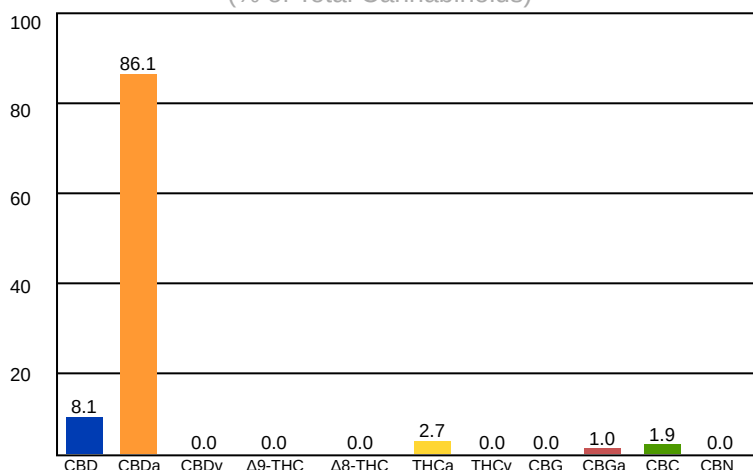
Cannabinoid	Result (%)	Result (mg/g)	Reporting Limit (mg/g)	Result (mg/mL)	Per Unit (mg)
CBD	0.82	8.2	0.0516	-	8
CBDa	8.67	86.7	0.0516	-	87
CBDv	-	-	0.0516	-	-
Δ9-THC	-	-	0.0516	-	-
Δ8-THC	-	-	0.0516	-	-
THCa	0.276	2.76	0.0516	-	3
THCv	-	-	0.0516	-	-
CBC	0.194	1.94	0.0516	-	1.94
CBG	-	-	0.0516	-	-
CBGa	0.105	1.05	0.0516	-	1.05
CBN	-	-	0.0516	-	-
TOTAL	10.1	101			101
TOTAL THC	0.242	2.42			2
TOTAL CBD	8.43	84.3			84



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.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Felling Analytical Services and Technology (F.A.S.T.), LLC

Kyle W. Felling
 Kyle W. Felling, Ph.D.
 Laboratory Director