

CERTIFICATE OF ANALYSIS

Order Type: CBD

Order ID: OR2019-3868

Customer ID: 32

Customer Name: CBD Plus USA

Harvest/Extract Lot: None

Harvest/Extract Batch: 06/26/2019

Cultivar (Strain): 500mg Broad Spectrum Strawberry Lemonade

Sample Date: 09/18/2019

Lab ID: SA2019-12437

Date Received: 09/18/2019

Sample Matrix: Oil/Tincture

Date Completed: 09/23/2019

Remarks:

CANNABINOID (POTENCY) PROFILE

Analysis Date/Time: 09/19/2019 1608

Analyst: OL

Method: HPLC/DAD (Internal Method-001)

Instrument: Agilent 1100

Moisture Content (%): -

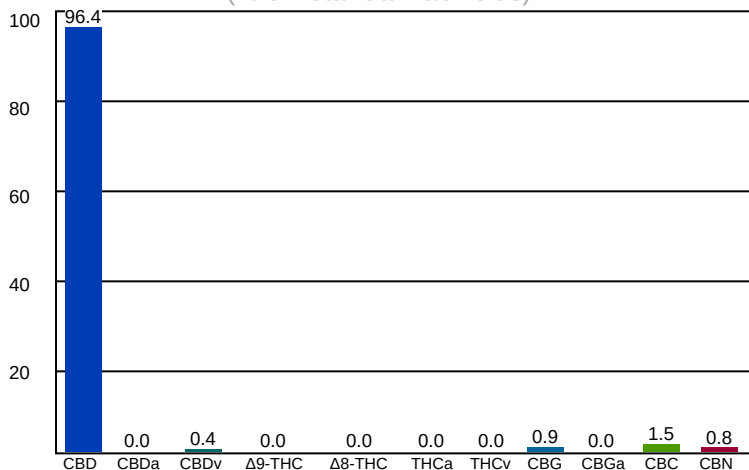
Water Activity (aw): -

Cannabinoid	Result (%)	Result (mg/g)	Reporting Limit (mg/g)	Result (mg/mL)	Per Unit (mg)
CBD	2.14	21.4	0.0025	20.5	641
CBDa	-	-	0.0025	-	-
CBDv	0.0094	0.094	0.0025	0.0902	3
Δ9-THC	-	-	0.0025	-	-
Δ8-THC	-	-	0.0025	-	-
THCa	-	-	0.0025	-	-
THCv	-	-	0.0025	-	-
CBC	0.0342	0.342	0.0025	0.328	10.2
CBG	0.0196	0.196	0.0025	0.188	6
CBGa	-	-	0.0025	-	-
CBN	0.0168	0.168	0.0025	0.161	5



TOTAL	2.22	22		21.3	665	UNIT MASS (g): 30
TOTAL THC	-	-		-	-	"-" Not detected above RL.
TOTAL CBD	2.14	21		20.5	641	

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