

CERTIFICATE OF ANALYSIS

Order Type: CBD

Customer ID: 32

Harvest/Extract Lot: None

Order ID: OR2019-4293

Customer Name: CBD Plus USA

Harvest/Extract Batch: None

Cultivar (Strain): Cbd energy bar
peanut butter and chocolate chip

Lab ID: SA2019-13824

Sample Matrix: Edible

Sample Date: 10/04/2019

Date Received: 10/04/2019

Date Completed:

Remarks:

CANNABINOID (POTENCY) PROFILE

Analysis Date/Time: 10/07/2019 1445

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	0.0516	0.516	0.0228	-	23
CBDa	-	-	0.0228	-	-
CBDv	-	-	0.0228	-	-
Δ9-THC	-	-	0.0228	-	-
Δ8-THC	-	-	0.0228	-	-
THCa	-	-	0.0228	-	-
THCv	-	-	0.0228	-	-
CBC	-	-	0.0228	-	-
CBG	-	-	0.0228	-	-
CBGa	-	-	0.0228	-	-
CBN	-	-	0.0228	-	-



TOTAL 0.0516 0.516 - 23

UNIT MASS (g): 45

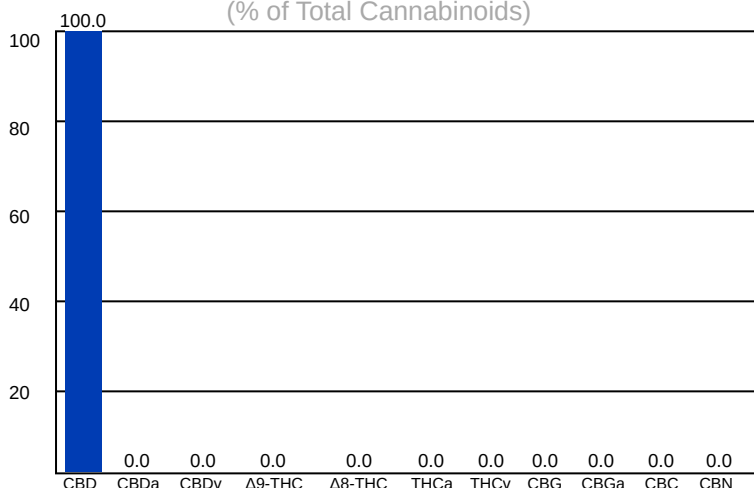
TOTAL THC - - - -

"-" Not detected above RL.

TOTAL CBD 0.0516 0.516 - 23

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

John K. Irvin
John K. Irvin, M.S.
Laboratory Director (Tulsa)