

CERTIFICATE OF ANALYSIS

Order Type: Medical Cannabis
Order ID: OR2019-2604

Customer ID: 32
Customer Name: CBD Plus USA

Harvest/Extract Lot: None
Harvest/Extract Batch: None

Cultivar (Strain): Blue Dream CBD
 Cart

Lab ID: SA2019-8470

Sample Matrix: Concentrate

Sample Date: 07/25/2019

Date Received: 07/25/2019

Date Completed: 07/26/2019

Remarks:

CANNABINOID (POTENCY) PROFILE

Analysis Date/Time: 07/25/2019 1927

Method: HPLC/DAD (Internal Method-001)

Moisture Content (%): -

Analyst: OL

Instrument: Agilent 1100

Water Activity (aw): -

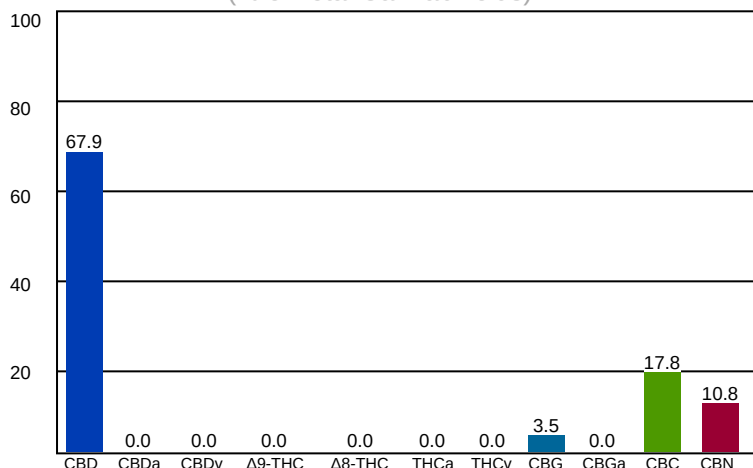
Cannabinoid	Result (%)	Result (mg/g)	Reporting Limit (mg/g)	Result (mg/mL)	Per Unit (mg)
CBD	39.3	393	0.513	-	393
CBDa	-	-	0.513	-	-
CBDv	-	-	0.513	-	-
Δ9-THC	-	-	0.513	-	-
Δ8-THC	-	-	0.513	-	-
THCa	-	-	0.513	-	-
THCv	-	-	0.513	-	-
CBC	10.3	103	0.513	-	103
CBG	2.02	20.2	0.513	-	20
CBGa	-	-	0.513	-	-
CBN	6.23	62.3	0.513	-	62
TOTAL	57.9	579			579
TOTAL THC	-	-			-
TOTAL CBD	39.3	393			393



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

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

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TERPENOID PROFILE

Analysis Date/Time: 07/25/2019 1927

Method: HS/GC/FID (Internal Method-002)

Deviations from SOP:

Analyst: OL

Instrument: Agilent 6890

None

Terpene	Result (µg/g)	Result (%)	
α-Bisabolol	71	0.0071	
Camphene	-	-	
δ-3-Carene	202	0.0202	
β-Caryophyllene	340	0.034	
Caryophyllene oxide	46	0.0046	
p-Cymene	-	-	
Eucalyptol	-	-	
Geraniol	-	-	
Guaiol	16	0.00158	
α-Humulene	113	0.0113	
Isopulegol	-	-	
d-Limonene	1016	0.102	
Linalool	316	0.0316	
β-Myrcene	3998	0.4	
cis-Nerolidol	-	-	
trans-Nerolidol	-	-	
α-Ocimene	46	0.00464	
β-Ocimene	38	0.00378	
α-Pinene	3797	0.38	
β-Pinene	1688	0.169	
α-Terpinene	-	-	
γ-Terpinene	-	-	
Terpinolene	-	-	
TOTAL	11687	1.17	



Abbreviations: HS - Headspace, GC - Gas Chromatography, MS - Mass Spectrometry, RL - Reporting Limit

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Reporting Limit (µg/g): 12.2

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