

CERTIFICATE OF ANALYSIS

Order Type: CBD	Customer ID: 32	Harvest/Extract Lot: None
Order ID: OR2020-6779	Customer Name: CBD Plus USA	Harvest/Extract Batch: 80311905
Cultivar (Strain): CBD Hot Cream	Lab ID: SA2020-21457	Sample Matrix: Lotion/Salve
Sample Date: 01/24/2020	Date Received: 01/24/2020	Date Completed: 01/29/2020

Remarks:

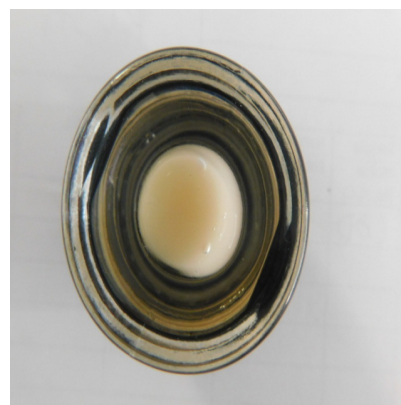
CANNABINOID (POTENCY) PROFILE

Analysis Date/Time: 01/27/2020 1714
Analyst: OL

Method: HPLC/DAD
Instrument: Agilent 1100

Moisture Content (%): -
Water Activity (aw): -

Cannabinoid	Result (%)	Result (mg/g)	Reporting Limit (mg/g)	Result (mg/mL)	Per Unit (mg)
CBD	0.766	7.66	0.0251	-	8
CBDa	-	-	0.0251	-	-
CBDv	-	-	0.0251	-	-
Δ9-THC	-	-	0.0251	-	-
Δ8-THC	-	-	0.0251	-	-
THCa	-	-	0.0251	-	-
THCv	-	-	0.0251	-	-
CBC	-	-	0.0251	-	-
CBG	-	-	0.0251	-	-
CBGa	-	-	0.0251	-	-
CBN	-	-	0.0251	-	-
TOTAL	0.766	8			8
TOTAL THC	-	-			-
TOTAL CBD	0.766	8			8

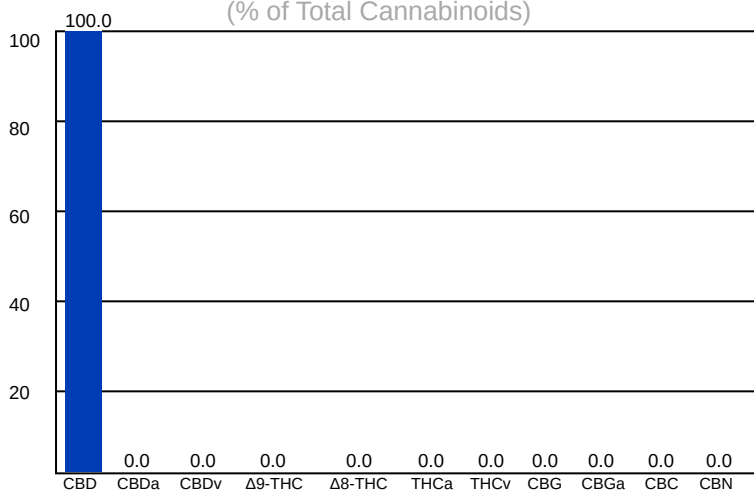


UNIT MASS (g): 1

"-" 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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Remarks:

TERPENOID PROFILE

Analysis Date/Time: 01/27/2020 1714 **Method:** HS/GC/FID (Internal Method-002) **Deviations from SOP:**
Analyst: OL **Instrument:** Agilent 6890 None

Terpene	Result (µg/g)	Result (%)	
α-Bisabolol	-	-	
Camphene	-	-	
δ-3-Carene	-	-	
β-Caryophyllene	323	0.0323	Orange
Caryophyllene oxide	80	0.00796	Purple
p-Cymene	80	0.00797	Yellow
Eucalyptol	1086	0.109	Blue
Geraniol	99	0.00993	Teal
Guaiol	-	-	
α-Humulene	-	-	
Isopulegol	-	-	
d-Limonene	-	-	
Linalool	107	0.0107	Dark Teal
β-Myrcene	210	0.021	Orange
cis-Nerolidol	-	-	
trans-Nerolidol	-	-	
α-Ocimene	-	-	
β-Ocimene	-	-	
α-Pinene	255	0.0255	Red
β-Pinene	109	0.0109	Green
α-Terpinene	-	-	
γ-Terpinene	40	0.00399	Yellow
Terpinolene	-	-	
TOTAL	2389	0.239	



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

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Reporting Limit (µg/g): 1

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