

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): Super Sour Diesel
CBD Cart

Lab ID: SA2019-8469

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 1902

Method: HPLC/DAD (Internal Method-001)

Moisture Content (%): -

Analyst: OL

Instrument: Agilent 1100

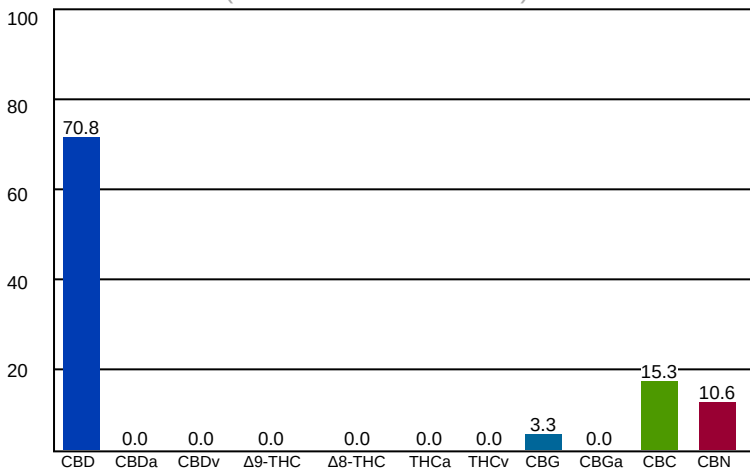
Water Activity (aw): -

Cannabinoid	Result (%)	Result (mg/g)	Reporting Limit (mg/g)	Result (mg/mL)	Per Unit (mg)
CBD	40.3	403	0.504	-	403
CBDa	-	-	0.504	-	-
CBDv	-	-	0.504	-	-
Δ9-THC	-	-	0.504	-	-
Δ8-THC	-	-	0.504	-	-
THCa	-	-	0.504	-	-
THCv	-	-	0.504	-	-
CBC	8.7	87	0.504	-	87
CBG	1.89	18.9	0.504	-	19
CBGa	-	-	0.504	-	-
CBN	6.02	60.2	0.504	-	60



TOTAL	56.9	569	-	569	UNIT MASS (g): 1
TOTAL THC	-	-	-	-	"-" Not detected above RL.
TOTAL CBD	40.3	403	-	403	

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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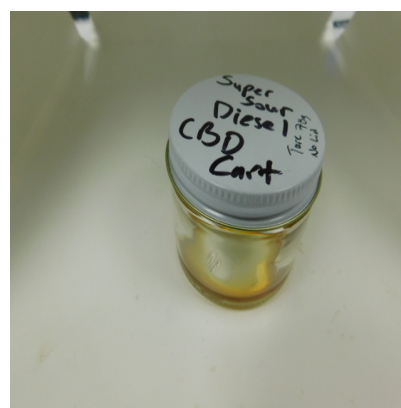
TERPENOID PROFILE

Analysis Date/Time: 07/25/2019 1902
Analyst: OL

Method: HS/GC/FID (Internal Method-002)
Instrument: Agilent 6890

Deviations from SOP:
 None

Terpene	Result (µg/g)	Result (%)	
α-Bisabolol	65	0.00649	
Camphene	80	0.00795	
δ-3-Carene	28	0.00276	
β-Caryophyllene	965	0.0965	█
Caryophyllene oxide	138	0.0138	
p-Cymene	-	-	
Eucalyptol	-	-	
Geraniol	-	-	
Guaiol	14	0.00144	
α-Humulene	257	0.0257	█
Isopulegol	-	-	
d-Limonene	2246	0.225	█
Linalool	172	0.0172	
β-Myrcene	623	0.0623	█
cis-Nerolidol	-	-	
trans-Nerolidol	57	0.0057	
α-Ocimene	-	-	
β-Ocimene	13	0.00132	
α-Pinene	371	0.0371	█
β-Pinene	-	-	
α-Terpinene	-	-	
γ-Terpinene	-	-	
Terpinolene	32	0.00322	
TOTAL	5060	0.506	



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

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"-" Not detected above RL.

Reporting Limit (µg/g): 12.4

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 Laboratory Director