

CERTIFICATE OF ANALYSIS

Order Type: Medical Cannabis
Order ID: OR2019-1524

Customer ID: 32
Customer Name: CBD Plus USA

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

Cultivar (Strain): Fruity Pebbles OG Shatter

Lab ID: SA2019-5262

Sample Matrix: Concentrate

Sample Date: 05/14/2019

Date Received: 05/14/2019

Date Completed: 05/15/2019

Remarks:

CANNABINOID (POTENCY) PROFILE

Analysis Date/Time: 05/14/2019 1934
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)	Per Unit (mg)
CBD	86.4	864	9.09	864
CBDa	-	-	9.09	-
CBDv	-	-	9.09	-
Δ9-THC	-	-	9.09	-
Δ8-THC	-	-	9.09	-
THCa	-	-	9.09	-
THCv	-	-	9.09	-
CBC	-	-	9.09	-
CBG	-	-	9.09	-
CBGa	-	-	9.09	-
CBN	-	-	9.09	-



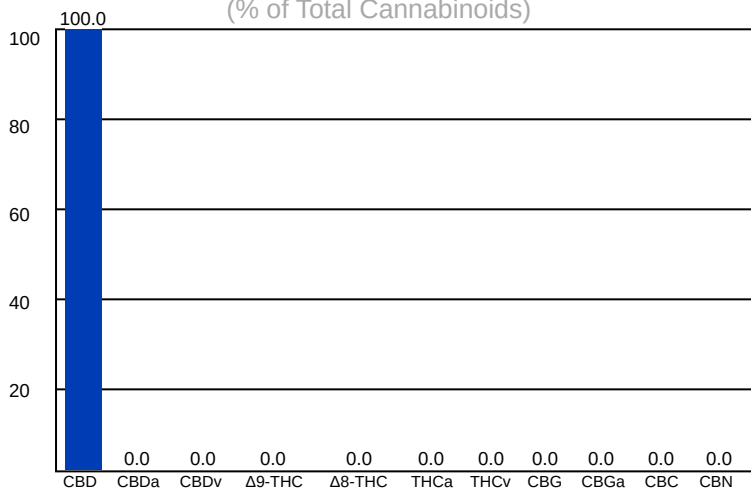
TOTAL	86.4	864		864
TOTAL THC	-	-		-
TOTAL CBD	86.4	864		864

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: 05/14/2019 1934
Analyst: OL

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

Deviations from SOP:
 None

Terpene	Result (µg/g)	Result (%)	
α-Bisabolol	-	-	
Camphene	163	0.0163	Orange bar
δ-3-Carene	-	-	
β-Caryophyllene	-	-	
Caryophyllene oxide	-	-	
p-Cymene	-	-	
Eucalyptol	-	-	
Geraniol	-	-	
Guaiol	-	-	
α-Humulene	-	-	
Isopulegol	-	-	
d-Limonene	86	0.0086	Orange bar
Linalool	-	-	
β-Mycene	-	-	
cis-Nerolidol	-	-	
trans-Nerolidol	-	-	
α-Ocimene	-	-	
β-Ocimene	-	-	
α-Pinene	6184	0.618	Red bar
β-Pinene	862	0.0862	Green bar
α-Terpinene	-	-	
γ-Terpinene	-	-	
Terpinolene	-	-	
TOTAL	7295	0.73	



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

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Reporting Limit (µg/g): 16.2

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