

CERTIFICATE OF ANALYSIS

Order Type: CBD

Customer ID: 37

Harvest/Extract Lot: None

Order ID: OR2019-4262

Customer Name: Can-Tek Labs

Harvest/Extract Batch:
CTK-051719-01

Cultivar (Strain): PCRX Emerald

Lab ID: SA2019-13681

Sample Matrix: Oil/Tincture

Sample Date: 10/03/2019

Date Received: 10/03/2019

Date Completed: 10/10/2019

Remarks:

CANNABINOID (POTENCY) PROFILE

Analysis Date/Time: 10/10/2019 0324

Method: HPLC/DAD (Internal Method-001)

Moisture Content (%): -

Analyst: OL

Instrument: Agilent 1100

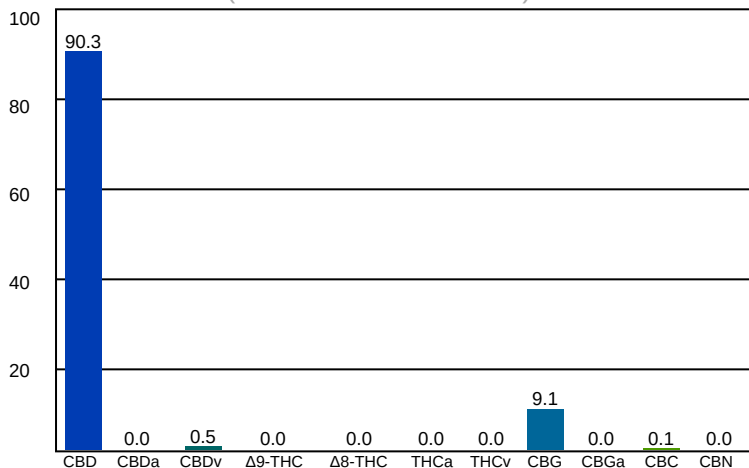
Water Activity (aw): -

Cannabinoid	Result (%)	Result (mg/g)	Reporting Limit (mg/g)	Result (mg/mL)	Per Unit (mg)
CBD	3.17	31.7	0.0025	30.4	1901
CBDa	-	-	0.0025	-	-
CBDv	0.0189	0.189	0.0025	0.182	11
Δ9-THC	-	-	0.0025	-	-
Δ8-THC	-	-	0.0025	-	-
THCa	-	-	0.0025	-	-
THCv	-	-	0.0025	-	-
CBC	0.00303	0.0303	0.0025	0.0291	1.82
CBG	0.319	3.19	0.0025	3.06	192
CBGa	-	-	0.0025	-	-
CBN	-	-	0.0025	-	-



TOTAL	3.51	35		33.7	2106	UNIT MASS (g): 60
TOTAL THC	-	-		-	-	"-" Not detected above RL.
TOTAL CBD	3.17	32		30.4	1901	

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

CERTIFICATE OF ANALYSIS

Order Type: CBD

Customer ID: 37

Harvest/Extract Lot: None

Order ID: OR2019-4262

Customer Name: Can-Tek Labs

Harvest/Extract Batch:
CTK-051719-01

Cultivar (Strain): PCRX Emerald

Lab ID: SA2019-13681

Sample Matrix: Oil/Tincture

Sample Date: 10/03/2019

Date Received: 10/03/2019

Date Completed: 10/10/2019

Remarks:

TERPENOID PROFILE

Analysis Date/Time: 10/10/2019 0324

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

Deviations from SOP:

Analyst: OL

Instrument: Agilent 6890

None

<u>Terpene</u>	<u>Result</u> ($\hat{\text{A}}\mu\text{g/g}$)	<u>Result</u> (%)	
α -Bisabolol	-	-	
Camphene	-	-	
δ -3-Carene	-	-	
β -Caryophyllene	513	0.0513	
Caryophyllene oxide	-	-	
p-Cymene	-	-	
Eucalyptol	-	-	
Geraniol	-	-	
Guaiol	-	-	
α -Humulene	300	0.03	
Isopulegol	-	-	
d-Limonene	-	-	
Linalool	78	0.00782	
β -Myrcene	70	0.00698	
cis-Nerolidol	-	-	
trans-Nerolidol	-	-	
α -Ocimene	-	-	
β -Ocimene	-	-	
α -Pinene	106	0.0106	
β -Pinene	30	0.00299	
α -Terpinene	-	-	
γ -Terpinene	-	-	
Terpinolene	-	-	
TOTAL	1097	0.11	



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

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.

"-" Not detected above RL.

Reporting Limit ($\hat{\text{A}}\mu\text{g/g}$): 1