

CERTIFICATE OF ANALYSIS

Project: CBD	Customer ID: 86807921	Harvest/Extract Lot:
Order ID: 2018000450	Customer Name: Can-Tek	CTK-120418-01
Cultivar (Strain): Cherry Delight Sauce	Lab ID: 2018001150	Sample Matrix: Concentrate
Sample Date: 12/13/2018	Date Received: 12/13/2018	Date Completed: 12/17/2018

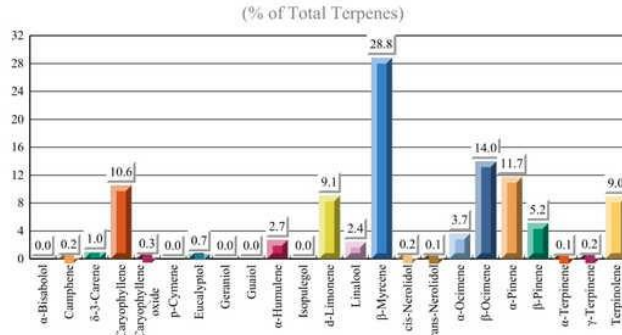
TERPENOID PROFILE

Analysis Date/Time: 12-14-2018 1154 **Method:** HS/GC/MS (Internal Method-002) **Deviations from SOP:** None
Analyst: KWF **Instrument:** Agilent 7890/5975

<u>Terpene</u>	<u>Result</u> (<u>µg/g</u>)	<u>Result</u> (<u>% total terpenes</u>)
α-Bisabolol	-	-
Camphene	70.4	0.185
δ-3-Carene	379	0.996
β-Caryophyllene	4019	10.6
Caryophyllene oxide	107	0.280
p-Cymene	-	-
Eucalyptol	274	0.720
Geraniol	-	-
Guaiol	-	-
α-Humulene	1039	2.73
Isopulegol	-	-
d-Limonene	3453	9.08
Linalool	931	2.45
β-Myrcene	10975	28.8
cis-Nerolidol	69.1	0.182
trans-Nerolidol	51.5	0.135
α-Ocimene	1394	3.66
β-Ocimene	5326	14.0
α-Pinene	4466	11.7
β-Pinene	1961	5.15
α-Terpinene	44.9	0.118
γ-Terpinene	76.8	0.202
Terpinolene	3408	8.96
TOTAL	38043	100



Terpenoid Distribution



Reporting Limit (µg/g) 9

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 reporting limit

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

REPORT OF LABORATORY ANALYSIS
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Order ID: 2018000450

Customer ID: 86807921
Customer Name: Can-Tek

Harvest/Extract Lot:
CTK-120418-01

Cultivar (Strain): Cherry Delight
Sauce
Sample Date: 12/13/2018

Lab ID: 2018001150
Date Received: 12/13/2018

Sample Matrix: Concentrate
Date Completed: 12/17/2018

Remarks:

Analysis Date/Time: 12-15-2018 1925
Analyst: KWF

Method: HPLC/UV
Instrument: Agilent 1100

Moisture Content (%): -
Water Activity (aw): - at - °C

Cannabinoid	Result (%)	Result (mg/g)	Reporting Limit (mg/g)	Per Unit (mg)
CBD	75.2	752	0.100	752
CBDa	<RL	<RL	0.100	-
CBDv	<RL	<RL	0.100	-
Δ9-THC	<RL	<RL	0.100	-
Δ8-THC	<RL	<RL	0.100	-
THCa	<RL	<RL	0.100	-
CBC	<RL	<RL	0.100	-
CBG	2.14	21.4	0.100	21.4
CBGa	<RL	<RL	0.100	-
CBN	<RL	<RL	0.100	-
TOTAL	77.3	773		773

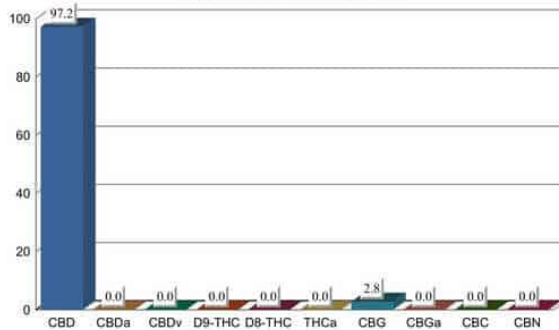


UNIT MASS (g): 1.00

TOTAL THC <RL <RL -
TOTAL CBD 75.2 752 752

Deviations from standard operating procedure: None

Cannabinoid Distribution
(% of Total Cannabinoids)



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

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Any questions, please contact info@creamcityhemp.com

