Certificate of Analysis

QA SAMPLE - INFORMATIONAL ONLY

ICAL ID: 20220111-035
Sample: CA220111-015-039
25mg watermelon HHC gummy
Strain: 25mg watermelon HHC gummy
Category: Ingestible

Sweet Southern Trade
Lic. #
599B John Sims Parkway West
Niceville, FL 32578

Lic. #

Batch#: HHCG220040025WM
Primary Size:
Batch Size:
Collected: 01/12/2022; Received: 01/12/2022
Completed: 01/12/2022

Moisture	Δ9-THC	CBD	Total Cannabinoids	Total Terpenes
NT	**ND**	**ND**	**0.08 mg/unit**	**NT**
Water Activity				
NT				

Summary	SOP Used	Date Tested	
Batch			Complete
Cannabinoids	POT-PREP-002	01/11/2022	Complete

Scan to see results

Cannabinoid Profile

1 Unit = gummy, 2.52 g.

Analyte	LOQ (mg/g)	LOD (mg/g)	%	mg/g	mg/unit
THCa	0.0128	0.0043	ND	ND	ND
Δ9-THC	0.0046	0.0010	ND	ND	ND
Δ8-THC	0.0046	0.0014	ND	ND	ND
THCV	0.0046	0.0006	ND	ND	ND
CBDa	0.0049	0.0016	ND	ND	ND
CBD	0.0046	0.0008	ND	ND	ND

Analyte	LOQ (mg/g)	LOD (mg/g)	%	mg/g	mg/unit
CBDV	0.0046	0.0004	ND	ND	ND
CBN	0.0046	0.0005	0.003	0.03	0.08
CBGa	0.0046	0.0015	ND	ND	ND
CBG	0.0046	0.0005	ND	ND	ND
CBC	0.0076	0.0025	ND	ND	ND
Total			**0.003**	**0.03**	**0.08**

Total THC=THCa * 0.877 + d9-THC;Total CBD = CBDa * 0.877 + CBD. LOD= Limit of Detection, LOQ= Limit of Quantitation, ND= Not Detected, NR= Not Reported. Potency is reported on a dry weight basis. Instrumentation and analysis SOPs used: Cannabinoids:UHPLC-DAD(POT-INST-005),Moisture:Moisture Analyzer(MOISTURE-001),Water Activity:Water Activity Meter(WA-INST-002), Foreign Material:Microscope(FOREIGN-001). Density measured at 19-24 °C, Water Activity measured at 0-90% RH. All QA submitted by the client, All CA State Compliance sampled using SAMPL-SOP-001.

Terpene Profile

Analyte	LOQ	LOD	%	mg/g

Analyte	LOQ	LOD	%	mg/g

NR= Not Reported (no analysis was performed), ND= Not Detected (the concentration is less then the Limit of Detection (LOD)). Analytical instrumentation used: HS-GC-MS; samples analyzed according to SOP TERP-INST-003.

Infinite Chemical Analysis Labs
8380 Miramar Mall #102
San Diego, CA
(858) 623-2740
www.infiniteCAL.com
Lic# C8-0000019-LIC

Josh M Swider

Josh Swider
Lab Director, Managing Partner
01/12/2022

Certificate of Analysis

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Strain: 25mg watermelon HHC gummy
Category: Ingestible

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Niceville, FL 32578

Lic. #

Batch#: HHCG220040025WM
Primary Size:
Batch Size:
Collected: 01/12/2022; Received: 01/12/2022
Completed: 01/12/2022

Residual Solvent Analysis

Category 1	LOQ	LOD	Limit	Status	Category 2	LOQ	LOD	Limit	Status	Category 2	LOQ	LOD	Limit	Status

NR= Not Reported (no analysis was performed), ND= Not Detected (the concentration is less then the Limit of Detection (LOD)). Analytical instrumentation used: HS-GC-MS; samples analyzed according to SOP RS-INST-003.

Heavy Metal Screening

	LOQ	LOD	Limit	Status

NR= Not Reported (no analysis was performed), ND= Not Detected (the concentration is less then the Limit of Detection (LOD)). Analytical instrumentation used: ICP-MS; samples analyzed according to SOP HM-INST-003.

Microbiological Screening

	Limit	Result	Status

ND=Not Detected. Analytical instrumentation used:qPCR; samples analyzed according to SOP MICRO-INST-001.

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Lab Director, Managing Partner
01/12/2022

Certificate of Analysis

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ICAL ID: 20220111-035
Sample: CA220111-015-039
25mg watermelon HHC gummy
Strain: 25mg watermelon HHC gummy
Category: Ingestible

Sweet Southern Trade
Lic. #
599B John Sims Parkway West
Niceville, FL 32578

Lic. #

Batch#: HHCG220040025WM
Primary Size:
Batch Size:
Collected: 01/12/2022; Received: 01/12/2022
Completed: 01/12/2022

Chemical Residue Screening

Category 1	LOQ	LOD	Status

Mycotoxins	LOQ	LOD	Limit	Status

Category 2	LOQ	LOD	Limit	Status

Category 2	LOQ	LOD	Limit	Status

Other Analyte(s):

NR= Not Reported (no analysis was performed), ND= Not Detected (the concentration is less then the Limit of Detection (LOD)). Analytical instrumentation used: LC-MS-MS & GC-MS-MS; samples analyzed according to SOPs PESTMYCO-LC-INST-004 and PEST-GC-INST-003.

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Josh M Swider

Josh Swider
Lab Director, Managing Partner
01/12/2022

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1/20/2022

Dear Sweet Southern Trade,

Based on data obtained from UHPLC-PDA and previous studies on GC-MS, peaks 1, 2 and 3 from 25mg watermelon HHC gummy appear to be consistent with a mixture of diastereomers of hexahydrocannabinol (HHC). Since there are no reference standards for hexahydrocannabinol currently available, neither a definitive assignment nor a precise quantitation can be performed. However, the three signals labeled peaks 1, 2 and 3 for 25mg watermelon HHC gummy (Figure 1) had identical retention times and UV profiles on the UHPLC-PDA method to signals assigned to HHC from previous samples. The previous samples, when analyzed by GC-MS, presented four distinct signals (two major, two minor) with a molecular ion of 316.3 m/z, the expected mass of HHC. Furthermore, the UV profiles of the signals correspond with a cannabinoid of this type, yet have a unique retention time compared to other known cannabinoids.

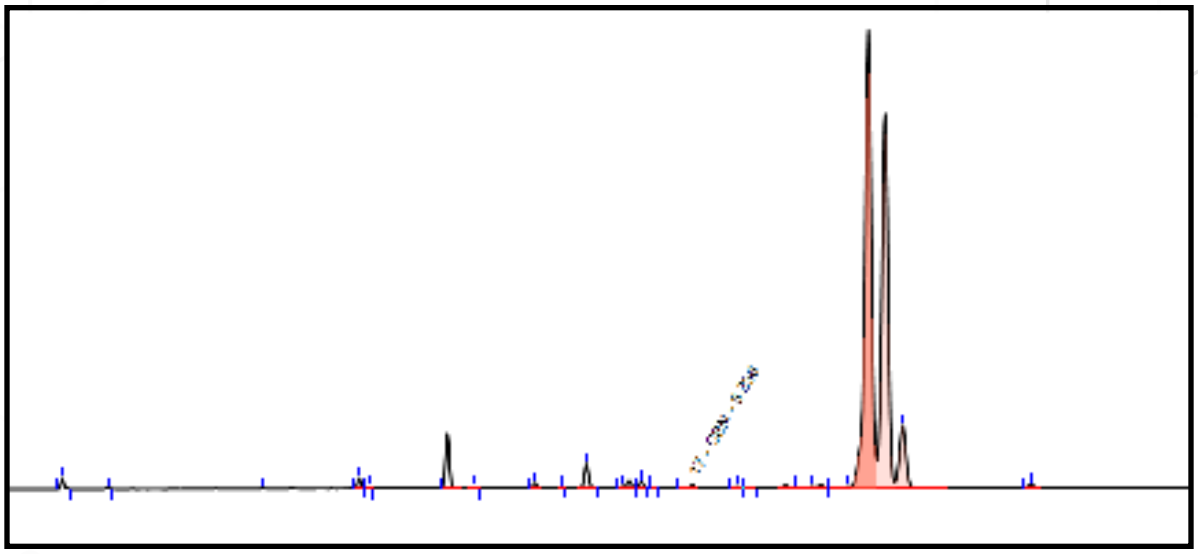


Figure 1. UHPLC-PDA chromatogram of 25mg watermelon HHC gummy

The data allows us to provide a preliminary assignment of the three signals as isomers of hexahydrocannabinol. The estimated combined concentration of all isomers is ~24mg/gummy, with individual peaks 1, 2, and 3 around ~12mg/gummy, ~10mg/gummy, and ~2mg/gummy%.

As reference standards become available, a more unequivocal assignment and precise quantitation will be possible. As it stands, the data are all consistent with hexahydrocannabinol.

Sincerely,

Erik Paulson

Erik Paulson Ph.D.
Lab Manager

Certificate of Analysis

QA SAMPLE - INFORMATIONAL ONLY

ICAL ID: 20211203-122
Sample: CA211203-040-128
G03-07
Strain: G03-07
Category: Concentrates & Extracts

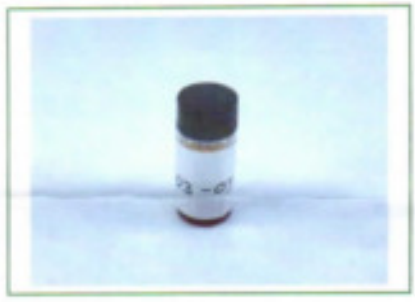
Remedy
Lic. #
117 Winston St #703
Los Angeles, CA 90013

Lic. #

Batch#:
Primary Size:
Batch Size:
Collected: 12/06/2021; Received: 12/06/2021
Completed: 12/06/2021

Moisture	Total THC	Total CBD	Total Cannabinoids	Total Terpenes
NT Water Activity NT	ND	ND	0.21%	NT

Summary	SOP Used	Date Tested	
Batch			Complete
Cannabinoids	POT-PREP-001	12/04/2021	Complete



Scan to see results

Cannabinoid Profile

Analyte	LOQ (mg/g)	LOD (mg/g)	%	mg/g
THCa	0.3680	0.0924	ND	ND
Δ9-THC	0.3680	0.1024	ND	ND
Δ8-THC	0.3680	0.0506	ND	ND
THCV	0.3680	0.0423	ND	ND
CBDa	0.3680	0.0951	ND	ND
CBD	0.3680	0.0815	ND	ND

Analyte	LOQ (mg/g)	LOD (mg/g)	%	mg/g
CBDV	0.3680	0.0421	ND	ND
CBN	0.3680	0.0780	0.21	2.1
CBGa	0.3965	0.1322	ND	ND
CBG	0.3920	0.1307	ND	ND
CBC	0.4549	0.1516	ND	ND
Total THC			**ND**	**ND**
Total CBD			**ND**	**ND**
Total			**0.21**	**2.1**

Total THC=THCa * 0.877 + d9-THC; Total CBD = CBDa * 0.877 + CBD. LOD= Limit of Detection, LOQ= Limit of Quantitation, ND= Not Detected, NR= Not Reported. Potency is reported on a dry weight basis. Instrumentation and analysis SOPs used: Cannabinoids:UHPLC-DAD(POT-INST-005),Moisture:Moisture Analyzer(MOISTURE-001),Water Activity:Water Activity Meter(WA-INST-002), Foreign Material:Microscope(FOREIGN-001). Density measured at 19-24 °C, Water Activity measured at 0-90% RH. All QA submitted by the client. All CA State Compliance sampled using SAMPL-SOP-001.

Terpene Profile

Analyte	LOQ	LOD	%	mg/g

Analyte	LOQ	LOD	%	mg/g

HHCD2200402

NR= Not Reported (no analysis was performed), ND= Not Detected (the concentration is less then the Limit of Detection (LOD)). Analytical instrumentation used: HS-GC-MS; samples analyzed according to SOP TERP-INST-003.

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Josh M Swider

Josh Swider
Lab Director, Managing Partner
12/06/2021

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12/6/2021

Dear Remedy,

Based on data obtained from UHPLC-PDA and previous studies on GC-MS, peaks 1, 2 and 3 from **G03-07** appear to be consistent with a mixture of diastereomers of hexahydrocannabinol (HHC). Since there are no reference standards for hexahydrocannabinol currently available, neither a definitive assignment nor a precise quantitation can be performed. However, the three signals labeled peaks 1, 2 and 3 for **G03-07** (Figure 1) had identical retention times and UV profiles on the UHPLC-PDA method to signals assigned to HHC from previous samples. The previous samples, when analyzed by GC-MS, presented four distinct signals (two major, two minor) with a molecular ion of 316.3 m/z, the expected mass of HHC. Furthermore, the UV profiles of the signals correspond with a cannabinoid of this type, yet have a unique retention time compared to other known cannabinoids.

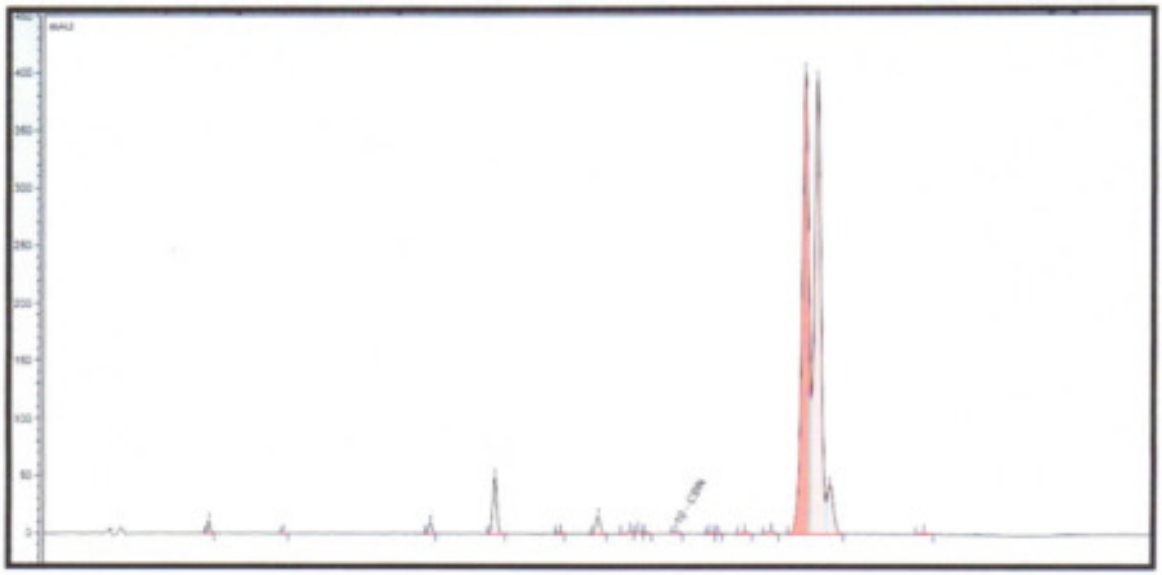

Figure 1. UHPLC-PDA chromatogram of **G03-07**

The data allows us to provide a preliminary assignment of the three signals as isomers of hexahydrocannabinol. The estimated combined concentration of all isomers is **~81%**, with individual peaks 1, 2, and 3 around 39%, 38%, and 4%.

As reference standards become available, a more unequivocal assignment and precise quantitation will be possible. As it stands, the data are all consistent with hexahydrocannabinol.

Sincerely,

Erik Paulson

Erik Paulson, Ph.D.
Lab Manager

HHCD2200402

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