

### Certificate of Analysis

ICAL ID: 20190522-058 Sample: 1905ICA2494.7411 750 MG FS CBD Recover Terpenes Strain: 750 MG FS CBD Recover Terpenes Category: Ingestible

Synergy Botanicals Lic. # N/A None San Diego, CA 92121

Lic.#

Batch#: SB-2019894 Primary Size: Total/Batch Size:

Collected: 05/28/2019: Received: 05/28/2019

Completed: 05/28/2019

Moisture NT Water Activity NT

Δ9-ΤΗС 6.88 mg/unit

**CBD** 766.15 mg/unit **Total Cannabinoids** 

**Total Terpenes** 

786.58 mg/unit 17.93 mg/g

Summary	SOP Used	Date Tested	
Batch			Pass
Cannabinoids	SOP:003Tincture	05/22/2019	Complete
Terpenes	SOP:TERP.MS.Tinc	05/23/2019	Complete
Residual Solvents	SOP:NON-Inhalable	05/22/2019	Pass
Microbials	SOP:qpcrone	05/24/2019	Pass
Mycotoxins	SOP: MYCO EX	05/22/2019	Pass
Pesticides	PEST.002 Edible	05/23/2019	Pass
Heavy Metals	SOP:HM001	05/23/2019	Pass





Scan to see results

## **Cannabinoid Profile**

1 Unit = bottle, 13.58 g.

Analyte	LOQ	LOD	%	mg/g	mg/unit	Analyte	LOQ	LOD	%	mg/g	mg/unit
THCa	0.35	0.21	ND	ND	ND	CBDV	0.35	0.21	0.019	0.19	2.61
Δ9-THC	0.35	0.21	0.051	0.51	6.88	CBN	0.35	0.21	0.004	0.04	0.53
Δ8-ΤΗС	0.35	0.21	0.011	0.11	1.51	CBGa	0.35	0.21	ND	ND	ND
THCV	0.35	0.21	ND	ND	ND	CBG	0.35	0.21	0.015	0.15	2.06
CBDa	0.35	0.21	0.017	0.17	2.31	CBC	0.35	0.21	0.033	0.33	4.54
CBD	0.35	0.21	5.642	56.42	766.15	Total			5.792	57.92	786.58

Total THC=THCa \* 0.877 + d9-THC; Total CBD = CBDa \* 0.877 + CBD; NR= Not Reported, ND= Not Detected, \*Reported by Dry Mass\*; \*analytical instrumentation used Cannabinoids: UHPLC-DAD, Moisture: Mass by Drying, Water Activity: Water Activity Meter, Foreign Material: Microscope

# **Terpene Profile**

Analyte	LOQ	LOD	%	mg/g	
Terpinolene	0.20	0.10	0.431	4.31	
β-Caryophyllene	0.20	0.10	0.349	3.49	
β-Myrcene	0.20	0.10	0.341	3.41	
α-Humulene	0.20	0.10	0.252	2.52	
δ-Limonene	0.20	0.10	0.117	1.17	
α-Pinene	0.20	0.10	0.116	1.16	
β-Pinene	0.20	0.10	0.086	0.86	
Linalool	0.20	0.10	0.059	0.59	
β-Ocimene	0.20	0.10	0.041	0.41	
α-Bisabolol	0.20	0.10	ND	ND	
α-Terpinene	0.20	0.10	ND	ND	
Camphene	0.20	0.10	ND	ND	

Analyte	LOQ	LOD	%	mg/g	
Caryophyllene Oxide	0.20	0.10	ND	ND	
cis-Nerolidol	0.20	0.10	ND	ND	
δ-3-Carene	0.20	0.10	ND	ND	
Eucalyptol	0.20	0.10	ND	ND	
y-Terpinene	0.20	0.10	<loq< th=""><th><loq< th=""><th></th></loq<></th></loq<>	<loq< th=""><th></th></loq<>	
Geraniol	0.20	0.10	ND	ND	
Ocimene	0.20	0.10	<loq< th=""><th><loq< th=""><th></th></loq<></th></loq<>	<loq< th=""><th></th></loq<>	
(-)-Guaiol	0.20	0.10	ND	ND	
(-)-Isopulegol	0.20	0.10	ND	ND	
p-Cymene	0.20	0.10	ND	ND	
trans-Nerolidol	0.20	0.10	ND	ND	
Total			1.793	17.93	

NR= Not Reported thus no analysis was performed, ND= Not Detected thus the concentration is less then the Limit of Quantification (LOQ), \*analytical instrumentation used:HS-GC-FID-FID\*



Infinite Chemical Analysis Labs 8380 Miramar Mall #102 San Diego, CA (858) 623-2740 www.infiniteCAL.com Lic# C8-18-0000019-TEMP

Josh Swider Lab Director, Managing Partner 05/28/2019

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# **Residual Solvent Analysis**

	LOQ	LOD	Limit	Status	Category 2		LOQ	LOD	Limit	Status	Category 2		LOQ	LOD	Limit	Status
μg/g	μg/g	μg/g	μg/g			μg/g	μg/g	μg/g	μg/g			μg/g	μg/g	μg/g	μg/g	
ND	1	0.5	1	Pass	Acetone	ND	300	200	5000	Pass	n-Hexane	ND	35	20	290	Pass
ND	1	0.5	1	Pass	Acetonitrile	ND	150	100	410	Pass	Isopropanol	ND	300	200	5000	Pass
ND	1	0.5	1	Pass	Butane	ND	300	200	5000	Pass	Methanol	ND	300	200	3000	Pass
ND	1	0.5	1	Pass	Ethanol	ND	300	200	5000	Pass	Pentane	ND	300	200	5000	Pass
ND	1	0.5	1	Pass	Ethyl-Acetate	ND	300	200	5000	Pass	Propane	ND	300	200	5000	Pass
ND	1	0.5	1	Pass	Ethyl-Ether	ND	300	200	5000	Pass	Toluene	ND	150	100	890	Pass
					Heptane	ND	300	200	5000	Pass	Xylenes	ND	150	100	2170	Pass
	ND ND ND ND ND	ND 1 ND 1 ND 1 ND 1	Hg/g   Hg/g   Hg/g   ND	Hg/g   Hg/g   Hg/g   ND	Hg/g   Hg/g   Hg/g   Hg/g   ND	µg/g µg/g µg/g µg/g   µg/g   ND	µg/g	µg/g µg/g µg/g µg/g   µg/g   µg/g   µg/g   µg/g   ND	Hg/g   Hg/g	PB/g   PB/g	Hg/g   Hg/g	Hg/g   Hg/g	Hg/g   Hg/g	Hg/g   Hg/g	PB/8   PB/8	Hg/g   Hg/g

NR= Not Reported thus no analysis was performed, ND= Not Detected thus the concentration is less then the Limit of Quantification (LOQ), \*analytical instrumentation used=HS-GC-FID-FID\*

#### **Heavy Metal Screening**

		LOQ	LOD	Limit	Status
	μg/g	μg/g	μg/g	μg/g	
Arsenic	ND	0.1	0.05	1.5	Pass
Cadmium	ND	0.1	0.05	0.5	Pass
Lead	ND	0.1	0.05	0.5	Pass
Mercury	ND	0.1	0.05	3	Pass

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# Microbiological Screening

	Result	Status
Aspergillus flavus	Not Detected	Pass
Aspergillus fumigatus	Not Detected	Pass
Aspergillus niger	Not Detected	Pass
Aspergillus terreus	Not Detected	Pass
shiga toxin-producing E. coli	Not Detected	Pass
Salmonella SPP	Not Detected	Pass

ND=Not Detected; \*analytical instrumentation used:qPCR\*



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Lab Director, Managing Partner
05/28/2019

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Status

Tested Tested Tested Tested Pass Pass

µg/kg



Thiacloprid

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ND

0.05

0.03

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### **Chemical Residue Screening**

Category 1		LOQ	LOD	Status	Mycotoxins		LOQ	LOD
	μg/g	µg/g	µg/g			μg/kg	µg/kg	µg/kg
Aldicarb	ND	0.05	0.03	Pass	B1	ND	5	3
Carbofuran	ND	0.05	0.03	Pass	B2	ND	5	3
Chlordane	ND	0.1	0.05	Pass	G1	ND	5	3
Chlorfenapyr	ND	0.1	0.05	Pass	G2	ND	5	3
Chlorpyrifos	ND	0.05	0.03	Pass	Ochratoxin A	ND	10	7
Coumaphos	ND	0.05	0.03	Pass	Total Aflatoxins	ND		
Daminozide	ND	0.05	0.03	Pass				
DDVP	ND	0.05	0.03	Pass				
Dimethoate	ND	0.05	0.03	Pass				
Ethoprophos	ND	0.05	0.03	Pass				
Etofenprox	ND	0.05	0.03	Pass				
Fenoxycarb	ND	0.05	0.03	Pass				
Fipronil	ND	0.05	0.03	Pass				
lmazalil	ND	0.05	0.03	Pass				
Methiocarb	ND	0.05	0.03	Pass				
Methyl Parathion	ND	0.1	0.05	Pass				
Mevinphos	ND	0.05	0.03	Pass				
Paclobutrazol Paclobutrazol	ND	0.05	0.03	Pass				
Propoxur	ND	0.05	0.03	Pass				
Spiroxamine	ND	0.05	0.03	Pass				

Category 2		LOQ	LOD	Limit	Status	Category 2		LOQ	LOD	Limit	Status
	μg/g	µg/g	µg/g	µg/g			μg/g	µg/g	µg/g	µg/g	
Abamectin	ND	0.05	0.03	0.3	Pass	Kresoxim Methyl	ND	0.05	0.03	1	Pass
Acephate	ND	0.05	0.03	5	Pass	Malathion	ND	0.05	0.03	5	Pass
Acequinocyl	ND	0.05	0.03	4	Pass	Metalaxyl	ND	0.05	0.03	15	Pass
Acetamiprid	ND	0.05	0.03	5	Pass	Methomyl	ND	0.45	0.2	0.1	Pass
Azoxystrobin	ND	0.05	0.03	40	Pass	Myclobutanil	ND	0.05	0.03	9	Pass
Bifenazate	ND	0.05	0.03	5	Pass	Naled	ND	0.1	0.05	0.5	Pass
Bifenthrin	ND	0.25	0.1	0.5	Pass	Oxamyl	ND	0.2	0.1	0.3	Pass
Boscalid	ND	0.05	0.03	10	Pass	Pentachloronitrobenzene	ND	0.1	0.05	0.2	Pass
Captan	ND	0.35	0.2	5	Pass	Permethrin	ND	0.25	0.1	20	Pass
Carbaryl	ND	0.05	0.03	0.5	Pass	Phosmet	ND	0.05	0.03	0.2	Pass
Chlorantraniliprole	ND	0.05	0.03	40	Pass	Piperonyl Butoxide	ND	0.25	0.1	8	Pass
Clofentezine	ND	0.05	0.03	0.5	Pass	Prallethrin	ND	0.05	0.03	0.4	Pass
Cyfluthrin	ND	0.35	0.25	1	Pass	Propiconazole	ND	0.05	0.03	20	Pass
Cypermethrin	ND	0.35	0.2	1	Pass	Pyrethrins	ND	0.25	0.1	1	Pass
Diazinon	ND	0.05	0.03	0.2	Pass	Pyridaben	ND	0.05	0.03	3	Pass
Dimethomorph	ND	0.05	0.03	20	Pass	Spinetoram	ND	0.05	0.03	3	Pass
Etoxazole	ND	0.05	0.03	1.5	Pass	Spinosad	ND	0.05	0.03	3	Pass
Fenhexamid	ND	0.05	0.03	10	Pass	Spiromesifen	ND	0.05	0.03	12	Pass
Fenpyroximate	ND	0.05	0.03	2	Pass	Spirotetramat	ND	0.05	0.03	13	Pass
Flonicamid	ND	0.05	0.03	2	Pass	Tebuconazole	ND	0.05	0.03	2	Pass
Fludioxonil	ND	0.05	0.03	30	Pass	Thiamethoxam	ND	0.25	0.1	4.5	Pass
Hexythiazox	ND	0.05	0.03	2	Pass	Trifloxystrobin	ND	0.05	0.03	30	Pass
<u>Imidacloprid</u>	ND	0.35	0.1	3	Pass						

**Pass** 

#### Unknown Analyte(s):

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