

# Certificate of Analysis

ICAL ID: 20191209-009 Sample: 1912ICA6964.21461 3000 MG FS CBD Recover Terpenes Strain: 3000 MG FS CBD Recover Terpenes Category: Ingestible

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

Lic.#

Batch#: SB-2019902 Primary Size: Total/Batch Size:

Collected: 12/16/2019; Received: 12/16/2019

Completed: 12/16/2019

Moisture NT Water Activity

Δ9-ΤΗС 19.31 mg/unit CBD **Total Cannabinoids** 

3,006.13 mg/unit 3,085.20 mg/unit

**Total Terpenes** 

13.929 mg/g

NT

Summary	SOP Used	Date Tested	
Batch			Pass
Cannabinoids	SOP:POT-T005-Tinc	12/09/2019	Complete
Terpenes	SOP:TERP.MS.Edible1	12/10/2019	Complete
Residual Solvents	SOP:NON-Inhalable	12/12/2019	Pass
Microbials	SOP:qpcrone	12/13/2019	Pass
Mycotoxins	SOP: MYCO EX	12/13/2019	Pass
Pesticides	PEST.002 Edible	12/12/2019	Pass
Heavy Metals	SOP:HM001	12/12/2019	Pass





Scan to see results

### **Cannabinoid Profile**

1 Unit = bottle, 27.47 g.

Analyte	LOQ	LOD	%	mg/g	mg/unit	Analyte	LOQ	LOD	%	mg/g	mg/unit
THCa	0.70	0.42	ND	ND	ND	CBDV	0.70	0.42	0.044	0.44	12.17
Δ9-THC	0.70	0.42	0.070	0.70	19.31	CBN	0.70	0.42	0.014	0.14	3.74
Δ8-THC	0.70	0.42	0.022	0.22	5.99	CBGa	0.70	0.42	ND	ND	ND
THCV	0.70	0.42	ND	ND	ND	CBG	0.70	0.42	0.074	0.74	20.19
CBDa	0.70	0.42	0.010	0.10	2.64	CBC	0.70	0.42	0.055	0.55	15.05
CBD	0.70	0.42	10.943	109.43	3006.13	Total			11.231	112.31	3085.20

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	
β-Caryophyllene	0.025	0.010	0.4648	4.648	
β-Pinene	0.025	0.010	0.3466	3.466	
α-Humulene	0.025	0.010	0.2582	2.582	
α-Pinene	0.025	0.010	0.0975	0.975	
β-Myrcene	0.025	0.010	0.0667	0.667	
Camphene	0.025	0.010	0.0640	0.640	
Terpinolene	0.025	0.010	0.0397	0.397	
α-Bisabolol	0.025	0.010	0.0325	0.325	
δ-Limonene	0.025	0.010	0.0102	0.102	
p-Cymene	0.025	0.010	0.0047	0.047	
trans-Ocimene	0.025	0.010	0.0047	0.047	
δ-3-Carene	0.025	0.010	0.0033	0.033	

Analyte	LOQ	LOD	%	mg/g	
α-Terpinene	0.025	0.010	ND	ND	
Caryophyllene Oxide	0.025	0.010	ND	ND	
cis-Nerolidol	0.025	0.010	ND	ND	
cis-Ocimene	0.025	0.010	ND	ND	
Eucalyptol	0.025	0.010	ND	ND	
y-Terpinene	0.025	0.010	<loq< th=""><th><loq< th=""><th></th></loq<></th></loq<>	<loq< th=""><th></th></loq<>	
Geraniol	0.025	0.010	ND	ND	
Linalool	0.025	0.010	ND	ND	
(-)-Guaiol	0.025	0.010	<loq< th=""><th><loq< th=""><th></th></loq<></th></loq<>	<loq< th=""><th></th></loq<>	
(-)-Isopulegol	0.025	0.010	ND	ND	
trans-Nerolidol	0.025	0.010	ND	ND	
Total			1.3929	13.929	

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-MS'



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

Josh Swider Lab Director, Managing Partner 12/16/2019

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Primary Size:
Total/Batch Size:
CA 92121 Collected: 12/2/6

Lic.#

Collected: 12/16/2019; Received: 12/16/2019 Completed: 12/16/2019

Batch#: SB-2019902

# **Residual Solvent Analysis**

Category 1		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	
1,2-Dichloro-Ethane	ND	1	0.5	1	Pass	Acetone	ND	300	200	5000	Pass	n-Hexane	ND	35	20	290	Pass
Benzene	ND	1	0.5	1	Pass	Acetonitrile	ND	150	100	410	Pass	Isopropanol	ND	300	200	5000	Pass
Chloroform	ND	1	0.5	1	Pass	Butane	ND	300	200	5000	Pass	Methanol	ND	300	200	3000	Pass
Ethylene Oxide	ND	1	0.5	1	Pass	Ethanol	ND	300	200	5000	Pass	Pentane	ND	300	200	5000	Pass
Methylene-Chloride	ND	1	0.5	1	Pass	Ethyl-Acetate	ND	300	200	5000	Pass	Propane	ND	300	200	5000	Pass
Trichloroethene	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

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#### **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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Josh Swider Lab Director, Managing Partner 12/16/2019

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**Status** Tested Tested Tested Tested **Pass** Pass



**Paclobutrazol** 

Propoxur Spiroxamine

Thiacloprid

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ND

ND

ND

ND

0.05

0.05

0.05

0.05

0.03

0.03

0.03

0.03

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

Primary Size: Completed: 12/16/2019

Lic.#

Total/Batch Size: Collected: 12/16/2019; Received: 12/16/2019

Batch#: SB-2019902

### **Chemical Residue Screening**

Category 1		LOQ	LOD	Status	Mycotoxins		LOQ	LOD	Limit
Aldicarb	μg/g ND	μg/g 0.05	μg/g 0.03	Pass	B1	μg/kg ND	µg/kg 5	µg/kg 3	µg/kg
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	20
Coumaphos	ND	0.05	0.03	Pass	Total Aflatoxins	ND			20
Daminozide	ND	0.05	0.03	Pass					
Dichlorvos	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					

Pass

Pass

**Pass** 

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	0.05	0.03	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		<u> </u>				

#### Unknown Analyte(s):

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