

Certificate of Analysis

ICAL ID: 20191122-020 Sample: 1911ICA6637.20251 1500 MG FS CBD Energy Terpenes Strain: 1500 MG FS CBD Energy Terpenes Category: Ingestible

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

Lic.#

Batch#: SB-2019996 Primary Size: Total/Batch Size:

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

Completed: 12/16/2019

Moisture NT

Δ9-ΤΗС

CBD

Total Cannabinoids

Total Terpenes

Water Activity NT

8.96 mg/unit

1,553.10 mg/unit 1,593.91 mg/unit

14.814 mg/g

Summary Batch Cannabinoids Terpenes **Residual Solvents** Microbials Mycotoxins

Pesticides

Heavy Metals

SOP Used **Date Tested** Pass SOP:POT-E004-Ed Complete 11/26/2019 SOP:TERP.MS.Edible1 Complete SOP:NON-Inhalable 12/12/2019 Pass SOP:qpcrone 12/13/2019 Pass SOP: MYCO EX 12/13/2019 Pass PEST.002 Edible 12/12/2019 **Pass** SOP:HM001 12/12/2019 Pass





Scan to see results

Cannabinoid Profile

1 Unit = bottle, 27.4 g.

Analyte	LOQ	LOD	%	mg/g	mg/unit	Analyte	LOQ	LOD	%	mg/g	mg/unit
THCa	0.09	0.05	ND	ND	ND	CBDV	0.09	0.05	0.021	0.21	5.86
Δ9-THC	0.09	0.05	0.033	0.33	8.96	CBN	0.09	0.05	0.007	0.07	2.00
Δ8-THC	0.09	0.05	0.010	0.10	2.79	CBGa	0.09	0.05	ND	ND	ND
THCV	0.09	0.05	ND	ND	ND	CBG	0.09	0.05	0.043	0.43	11.89
CBDa	0.09	0.05	0.008	0.08	2.30	CBC	0.09	0.05	0.026	0.26	6.99
CBD	0.09	0.05	5.668	56.68	1553.10	Total			5.817	58.17	1593.91

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	0.3743	3.743	
δ-Limonene	0.025	0.010	0.2965	2.965	
α-Pinene	0.025	0.010	0.2758	2.758	
β-Pinene	0.025	0.010	0.2320	2.320	
α-Humulene	0.025	0.010	0.1327	1.327	
Linalool	0.025	0.010	0.1273	1.273	
α-Bisabolol	0.025	0.010	0.0156	0.156	
Caryophyllene Oxide	0.025	0.010	0.0106	0.106	
β-Myrcene	0.025	0.010	0.0058	0.058	
Camphene	0.025	0.010	0.0057	0.057	
(-)-Guaiol	0.025	0.010	0.0051	0.051	
α-Terpinene	0.025	0.010	ND	ND	

Analyte	LOQ	LOD	%	mg/g	
cis-Nerolidol	0.025	0.010	ND	ND	<u></u>
cis-Ocimene	0.025	0.010	ND	ND	
δ-3-Carene	0.025	0.010	ND	ND	
Eucalyptol	0.025	0.010	ND	ND	
y-Terpinene	0.025	0.010	ND	ND	
Geraniol	0.025	0.010	ND	ND	
(-)-Isopulegol	0.025	0.010	ND	ND	
p-Cymene	0.025	0.010	ND	ND	
Terpinolene	0.025	0.010	ND	ND	
trans-Nerolidol	0.025	0.010	ND	ND	
trans-Ocimene	0.025	0.010	ND	ND	
Total			1.4814	14.814	

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# C8-000019-LIC

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

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This product has been tested by Infinite Chemical Analysis, LLC using valid testing methodologies and a quality system as required by state law. All LQC samples were performed and met the prescribed acceptance criteria in 16 CCR section 5730, pursuant to 16 CCR section 5726(e)(13). Values reported relate only to the product tested. Infinite Chemical Analysis, LLC makes no claims as to the efficacy, safety or other risks associated with any detected or non-detected levels of any compounds reported herein. This Certificate shall not be reproduced except in full, without the written approval of Infinite Chemical Analysis, LLC.

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Certificate of Analysis

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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

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µg/kg

NĎ

ND

ND

ND

ND

ND

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

µg/kg

3

Limit

µg/kg

Completed: 12/16/2019

µg/kg

10

Chemical Residue Screening

Category 1		LOQ	LOD	Status	Mycotoxins
	μg/g	µg/g	µg/g		
Aldicarb	ND	0.05	0.03	Pass	B1
Carbofuran	ND	0.05	0.03	Pass	B2
Chlordane	ND	0.1	0.05	Pass	G1
Chlorfenapyr	ND	0.1	0.05	Pass	G2
Chlorpyrifos	ND	0.05	0.03	Pass	Ochratoxin A
Coumaphos	ND	0.05	0.03	Pass	Total Aflatoxins
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	
Imazalil	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	

0.03

0.03

0.03

0.03

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	<u> </u>
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						

Pass

Pass

Pass

Pass

Unknown Analyte(s):

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:LC-MSMS & GC-MSMS*



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