



CannaBusiness Laboratories, LLC

2554 Palumbo Dr. Lexington, KY 40509

Certificate of Analysis

Customer:

Demeetra AgBio, Inc.
2277 Thunderstick #500
Lexington, KY 40505

Sample ID: **200904018**

Order Number: **CB200904006**

Sample Name: **Sour Space Candy CBD**

Collected Date:

Received Date: **9/4/2020**

COA Released: **9/10/2020**

External Sample ID:

Batch Number:

Product Type: **Flower**

Sample Type: **Flower**

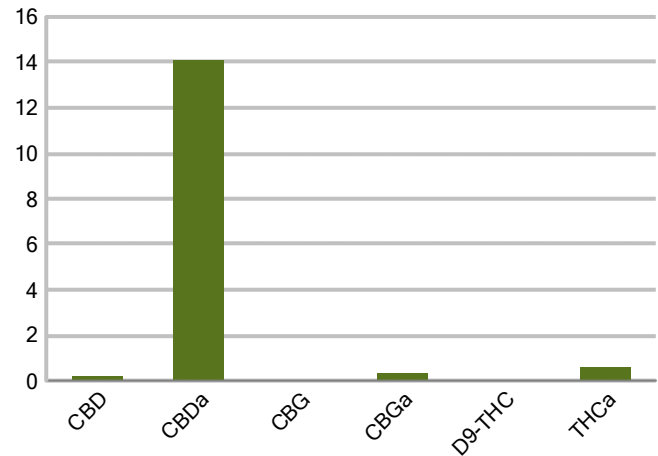
Comments:

CANNABINOID PROFILE

Analyte	LOQ (%)	% weight	mg/g
CBC	0.01	ND	ND
CBD	0.01	0.195	1.953
CBDa	0.01	14.11	141.1
CBDV	0.01	ND	ND
CBG	0.01	0.028	0.285
CBGa	0.01	0.351	3.508
CBN	0.01	ND	ND
d8-THC	0.01	ND	ND
d9-THC	0.01	0.025	0.248
THCa	0.01	0.593	5.929
Total Cannabinoids		15.30	153.0
Total Potential THC		0.545	5.447
Total Potential CBD		12.57	125.7
Total Potential CBG		0.337	3.365



Cannabinoids (% weight)



Ratio of Total Potential CBD to Total Potential THC 23.06 : 1

Ratio of Total Potential CBG to Total Potential THC 0.62 : 1

*Total Cannabinoids refers to the sum of all cannabinoids detected.

*Total Potential CBD = (0.877 x CBDa) + CBD. *Total Potential THC = (0.877 x THCa) + THC. *Total Potential CBG = (0.877 x CBGa) + CBG.

*Total Potential THC/CBD are calculated to take into account the loss of an acid group during decarboxylation.



PJLA
Testing
Accreditation #109588

Authorized Signature

Primary Analyst

Shelby Grinnan

09/10/2020 11:05 AM

DATE

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Sample ID: 200904018
Sample Name: Sour Space Candy CBD
Sample Type: Flower

Certificate of Analysis

Customer Demeetra AgBio, Inc. 2277 Thunderstick #500 Lexington, KY 40505		Overall Batch Results PASS		Sample Name: Sour Space Candy CBD
		Pesticide PASS	Moisture Content PASS	Sample ID: 200904018
		Potency PASS	Water Activity PASS	Product Type: Flower
		Mycotoxins PASS	Heavy Metals PASS	Sample Type: Flower
		Microbial Screen PASS	Residual Solvents N/A	Collected Date:
		Terpenoids PASS		Received Date: 09/04/2020
				Batch Number:
				Batch Size:
				Sample Size:
				COA released: 09/10/2020 11:05 AM

Potency (mg/g)			
Date Tested: 09/09/2020	Method:		
Instrument:			

0.545 % Total THC	12.57 % Total CBD	15.30 % Total Cannabinoids	153.0 mg/g Total Cannabinoids
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Analyte	Result	Units	LOQ	Result	Units
CBC (Cannabichromene)	ND	%	0.010	ND	mg/g
CBD (Cannabidiol)	0.195	%	0.010	1.953	mg/g
CBDa (Cannabidiolic Acid)	14.11	%	0.010	141.1	mg/g
CBDV (Cannabidivarin)	ND	%	0.010	ND	mg/g
CBG (Cannabigerol)	0.028	%	0.010	0.285	mg/g
CBGa (Cannabigerolic Acid)	0.351	%	0.010	3.508	mg/g
CBN (Cannabinol)	ND	%	0.010	ND	mg/g
D8-THC (D8-Tetrahydrocannabinol)	ND	%	0.010	ND	mg/g
D9-THC (D9-Tetrahydrocannabinol)	0.025	%	0.010	0.248	mg/g
THCa (Tetrahydrocannabinolic Acid)	0.593	%	0.010	5.929	mg/g

Foreign Material		Result	Note
Date Tested: 09/04/2020		Absence	

Water Activity		Result	Units	LOQ	Result
Date Tested: 09/08/2020		0.426	Aw	0.030	Pass

Terpenoids					
Date Tested: 09/09/2020	Method:				
Instrument:					

Analyte	Result	Unit	LOQ	Result	Unit
alpha-Bisabolol	0.208	mg/g	0.100	0.0208	%
alpha-humulene	0.468	mg/g	0.100	0.0468	%
alpha-pinene	1.760	mg/g	0.100	0.1760	%
alpha-terpinene	0.114	mg/g	0.100	0.0114	%
beta-caryophyllene	1.578	mg/g	0.100	0.1578	%
Beta-myrcene	4.272	mg/g	0.100	0.4272	%
Beta-pinene	0.996	mg/g	0.100	0.0996	%
cis-Nerolidol	<LOQ	mg/g	0.100	<LOQ	%
Camphene	<LOQ	mg/g	0.100	<LOQ	%
d-Limonene	0.534	mg/g	0.100	0.0534	%
delta-3-Carene	<LOQ	mg/g	0.100	<LOQ	%
Eucalyptol	<LOQ	mg/g	0.100	<LOQ	%
gamma-Terpinene	<LOQ	mg/g	0.100	<LOQ	%
Geraniol	<LOQ	mg/g	0.100	<LOQ	%
Guaiol	0.142	mg/g	0.100	0.0142	%
Isopulegol	<LOQ	mg/g	0.100	<LOQ	%
Linalool	0.249	mg/g	0.100	0.0249	%
Ocimene (mixture of isomers)	0.628	mg/g	0.100	0.0628	%
p-Isopropyltoluene (p-Cymene)	<LOQ	mg/g	0.100	<LOQ	%
trans-beta-Ocimene	<LOQ	mg/g	0.100	<LOQ	%
trans-Nerolidol	<LOQ	mg/g	0.100	<LOQ	%
Terpinolene	3.218	mg/g	0.100	0.3218	%

Pesticides							
Date Tested: 09/09/2020	Method:			Instrument:			

Analyte	Result	Units	LOQ	Result	Analyte	Result	Units	LOQ	Result
Acephate	ND	ppm	0.010	Pass	Acetamiprid	ND	ppm	0.010	Pass
Aldicarb	ND	ppm	0.010	Pass	Azoxystrobin	ND	ppm	0.010	Pass
Bifenazate	ND	ppm	0.010	Pass	Bifenthrin	ND	ppm	0.010	Pass
Boscalid	ND	ppm	0.010	Pass	Carbaryl	ND	ppm	0.010	Pass
Carbofuran	ND	ppm	0.010	Pass	Chlorantraniliprole	ND	ppm	0.010	Pass
Chlorpyrifos	ND	ppm	0.010	Pass	Clofentezine	ND	ppm	0.010	Pass
Coumaphos	ND	ppm	0.010	Pass	Daminozide	ND	ppm	0.010	Pass
Diazinon	ND	ppm	0.010	Pass	Dichlorvos	ND	ppm	0.010	Pass
Dimethoate	ND	ppm	0.010	Pass	Etofenprox	ND	ppm	0.010	Pass
Etoazole	ND	ppm	0.010	Pass	Fenhexamid	ND	ppm	0.010	Pass
Fenoxycarb	ND	ppm	0.010	Pass	Fenpyroximate	ND	ppm	0.010	Pass

NT = Not tested, ND = Not detected; LOQ = Limit of Quantitation; <LOQ = Detected; >ULOL = Above upper limit of linearity; CFU/g = Colony forming units per 1 gram; TNTC = Too numerous to count

CannaBusiness Laboratories
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Sample Name: Sour Space Candy CBD
Sample Type: Flower

Certificate of Analysis

Pesticides							
Date Tested: 09/09/2020		Method:		Instrument:			

Analyte	Result	Units	LOQ	Result	Analyte	Result	Units	LOQ	Result
Fipronil	ND	ppm	0.010	Pass	Fonicamid	ND	ppm	0.010	Pass
Fludioxonil	ND	ppm	0.010	Pass	Hexythiazox	ND	ppm	0.010	Pass
Imazalil	ND	ppm	0.010	Pass	Imidacloprid	ND	ppm	0.010	Pass
Malathion	ND	ppm	0.010	Pass	Metalaxyl	ND	ppm	0.010	Pass
Methiocarb	ND	ppm	0.010	Pass	Methomyl	ND	ppm	0.010	Pass
Myclobutanil	ND	ppm	0.010	Pass	Naled	ND	ppm	0.010	Pass
Oxamyl	ND	ppm	0.010	Pass	Paclobutrazol	ND	ppm	0.010	Pass
Phosmet	ND	ppm	0.010	Pass	Prallethrin	ND	ppm	0.010	Pass
Propiconazole	ND	ppm	0.010	Pass	Propoxur	ND	ppm	0.010	Pass
Pyrethrin I	ND	ppm	0.010	Pass	Pyrethrin II	ND	ppm	0.010	Pass
Pyridaben	ND	ppm	0.010	Pass	Spinetoram	ND	ppm	0.010	Pass
Spiromesifen	ND	ppm	0.010	Pass	Spirotetramat	ND	ppm	0.010	Pass
Tebuconazole	ND	ppm	0.010	Pass	Thiacloprid	ND	ppm	0.010	Pass
Thiamethoxam	ND	ppm	0.010	Pass	Trifloxystrobin	ND	ppm	0.010	Pass
Ethoprophos	ND	ppm	0.010	Pass	Kresoxym-methyl	ND	ppm	0.010	Pass
Permethrins	ND	ppm	0.010	Pass	Piperonyl Butoxide	ND	ppm	0.010	Pass
Spinosyn A	ND	ppm	0.010	Pass	Spiroxamine-1	ND	ppm	0.010	Pass
AbamectinB1a	ND	ppm	0.010	Pass	Spinosyn D	ND	ppm	0.010	Pass

Moisture Content							
Date Tested: 09/08/2020		Method:		Instrument:			

Analyte	Result	Units	LOQ	Result	Analyte	Result	Units	LOQ	Result
Percent Moisture	13	%	0.010	Pass					

Mycotoxins							
Date Tested: 09/09/2020		Method:		Instrument:			

Analyte	Result	Units	LOQ	Result	Analyte	Result	Units	LOQ	Result
Ochratoxin A	ND	ppm	0.010	Pass	Aflatoxin B1	ND	ppm	0.010	Pass
Aflatoxin G2	ND	ppm	0.010	Pass	Aflatoxin B2	ND	ppm	0.010	Pass
Aflatoxin G1	ND	ppm	0.010	Pass					

Metals							
Date Tested: 09/09/2020		Method:		Instrument:			

Analyte	Result	Units	LOQ	Result	Analyte	Result	Units	LOQ	Result
Arsenic	<LOQ	ppm	0.500	Pass	Cadmium	<LOQ	ppm	0.500	Pass
Lead	<LOQ	ppm	0.500	Pass	Mercury	<LOQ	ppm	3.000	Pass

Microbial							
Date Tested: 09/09/2020		Method:		Instrument:			

Analyte	Result	Units	LOQ	Result	Analyte	Result	Units	LOQ	Result
STEC (E. coli)	Negative			Pass	Salmonella	Negative			Pass
Listeria spp.	Negative			Pass	L. monocytogenes	Negative			Pass
Yeast/Mold	0	CFUs		Pass					



Authorized Signature

Shelby Grinnan
Primary Analyst

Shelby Grinnan

09/10/2020 11:05 AM

Date Time

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