



Certificate of Analysis

Customer:

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

Sample ID: **200929024**

Order Number: **CB200929009**

Sample Name: **CBG - White -1**

Collected Date:

Received Date: **9/29/2020**

COA Released: **10/5/2020**

External Sample ID:

Batch Number:

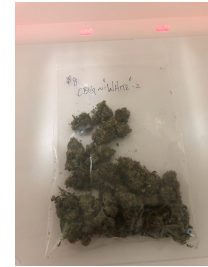
Product Type: **Flower**

Sample Type: **Flower**

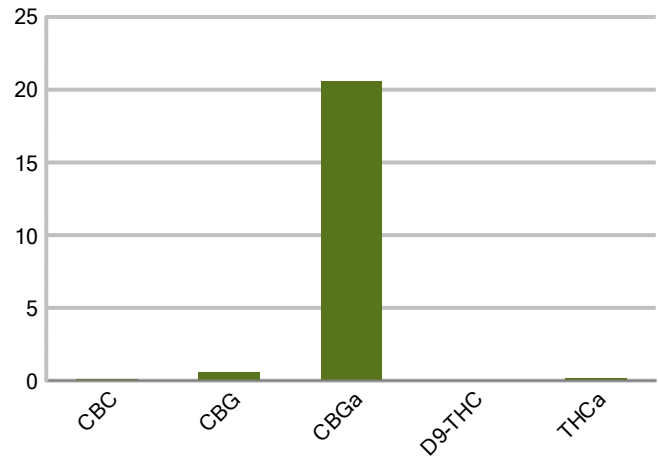
Comments:

CANNABINOID PROFILE

Analyte	LOQ (%)	% weight	mg/g
CBC	0.01	0.128	1.277
CBD	0.01	ND	ND
CBDa	0.01	ND	ND
CBDV	0.01	ND	ND
CBG	0.01	0.581	5.807
CBGa	0.01	20.61	206.1
CBN	0.01	ND	ND
d8-THC	0.01	ND	ND
d9-THC	0.01	0.043	0.429
THCa	0.01	0.146	1.460
Total Cannabinoids		21.51	215.1
Total Potential THC		0.171	1.710
Total Potential CBD		N/A	N/A
Total Potential CBG		18.67	186.7



Cannabinoids (% weight)



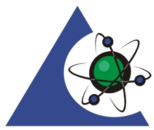
Ratio of Total Potential CBD to Total Potential THC **N/A**

Ratio of Total Potential CBG to Total Potential THC **109.18 : 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

Laboratory Manager

Jamie Hobgood

10/05/2020 10:53 AM

DATE

This product has been tested by CannaBusiness Laboratories using validated testing methodologies and a quality system. Values reported relate only to the product tested. CannaBusiness Laboratories 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 be reproduced except in full, without the written permission of CannaBusiness Laboratories. Uncertainty information is available on request. Photo is of sample received by the lab and may vary from final packaging. The results apply to the sample as received. ISO/IEC 17025:2017 Accredited.



CannaBusiness Laboratories, LLC

2554 Palumbo Dr. Lexington, KY 40509

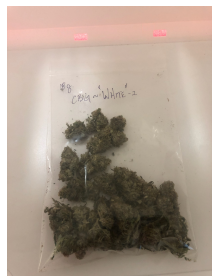


Sample ID: 200929024
 Sample Name: CBG - White -1
 Sample Type: Flower

Certificate of Analysis

Customer

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



Overall Batch Results

PASS

Pesticide PASS	Moisture Content PASS
Potency PASS	Water Activity PASS
Mycotoxins PASS	Heavy Metals PASS
Microbial Screen PASS	Residual Solvents N/A
Terpenoids PASS	

Sample Name: CBG - White -1

Sample ID: 200929024

Product Type: Flower

Sample Type: Flower

Collected Date:

Received Date: 09/29/2020

Batch Number:

Batch Size:

Sample Size:

COA released: 10/05/2020 10:53 AM

Potency (mg/g)

Date Tested: 09/30/2020

Method:

Instrument:

0.171 % Total THC	0.000 % Total CBD	21.51 % Total Cannabinoids	215.1 mg/g Total Cannabinoids
-----------------------------	-----------------------------	--------------------------------------	---

Analyte	Result	Units	LOQ	Result	Units
CBC (Cannabichromene)	0.128	%	0.010	1.277	mg/g
CBD (Cannabidiol)	ND	%	0.010	ND	mg/g
CBDa (Cannabidiolic Acid)	ND	%	0.010	ND	mg/g
CBDV (Cannabidivarin)	ND	%	0.010	ND	mg/g
CBG (Cannabigerol)	0.581	%	0.010	5.807	mg/g
CBGa (Cannabigerolic Acid)	20.61	%	0.010	206.1	mg/g
CBN (Cannabinol)	ND	%	0.010	ND	mg/g
D8-THC (D8-Tetrahydrocannabinol)	ND	%	0.010	ND	mg/g
D9-THC (D9-Tetrahydrocannabinol)	0.043	%	0.010	0.429	mg/g
THCa (Tetrahydrocannabinolic Acid)	0.146	%	0.010	1.460	mg/g

Terpenoids

Date Tested: 09/30/2020

Method:

Instrument:

Analyte	Result	Unit	LOQ	Result	Unit
alpha-Bisabolol	0.560	mg/g	0.100	0.0560	%
alpha-humulene	0.737	mg/g	0.100	0.0737	%
alpha-pinene	<LOQ	mg/g	0.100	<LOQ	%
alpha-terpinene	<LOQ	mg/g	0.100	<LOQ	%
beta-caryophyllene	2.706	mg/g	0.100	0.2706	%
Beta-myrcene	0.973	mg/g	0.100	0.0973	%
Beta-pinene	<LOQ	mg/g	0.100	<LOQ	%
cis-Nerolidol	<LOQ	mg/g	0.100	<LOQ	%
Camphene	<LOQ	mg/g	0.100	<LOQ	%
d-Limonene	0.516	mg/g	0.100	0.0516	%
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	0.511	mg/g	0.100	0.0511	%
Isopulegol	<LOQ	mg/g	0.100	<LOQ	%
Linalool	0.143	mg/g	0.100	0.0143	%
Ocimene (mixture of isomers)	<LOQ	mg/g	0.100	<LOQ	%
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	<LOQ	mg/g	0.100	<LOQ	%

Foreign Material

Result Note

Date Tested: 09/29/2020

Absence

Water Activity

Result Units

LOQ

Result

Date Tested: 09/29/2020

0.492 Aw

0.030

Pass

Pesticides

Date Tested: 09/29/2020

Method:

Instrument:

Analyte	Result	Units	LOQ	Result	Analyte	Result	Units	LOQ	Result
Fenhexamid	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
Fenoxycarb	ND	ppm	0.010	Pass	Fenpyroximate	ND	ppm	0.010	Pass
Fipronil	ND	ppm	0.010	Pass	Flonicamid	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

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
 License # P-0059: (859)-514- 6999 <https://www.cannabusinesslabs.us>

This product has been tested by CannaBusiness Laboratories using validated testing methodologies and a quality system. Values reported relate only to the product tested. CannaBusiness Laboratories 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 permission of CannaBusiness Laboratories. Uncertainty information is available on request. Photo is of sample received by the lab and may vary from final packaging. The results apply to the sample as received. ISO/IEC 17025:2017 Accredited.



Sample ID: 200929024
Sample Name: CBG - White -1
Sample Type: Flower

Certificate of Analysis

Pesticides							
Date Tested:	Method:	Instrument:					
09/29/2020							

Analyte	Result	Units	LOQ	Result	Analyte	Result	Units	LOQ	Result
Malathion	ND	ppm	0.010	Pass	Metaxyl	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
Spinosyn D	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
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	Acephate	ND	ppm	0.010	Pass

Moisture Content							
Date Tested:	Method:	Instrument:					
09/29/2020							

Analyte	Result	Units	LOQ	Result	Analyte	Result	Units	LOQ	Result
Percent Moisture	14	%	0.010	Pass					

Mycotoxins							
Date Tested:	Method:	Instrument:					
09/29/2020							

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:	Method:	Instrument:					
09/30/2020							

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:	Method:	Instrument:					
10/05/2020							

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	TNTC	CFUs		Pass					



Authorized Signature

Laboratory Manager

Jamie Hobgood

10/05/2020 10:53 AM

Date Time

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
License # P-0059: (859)-514- 6999 <https://www.cannabusinesslabs.us>

This product has been tested by CannaBusiness Laboratories using validated testing methodologies and a quality system. Values reported relate only to the product tested. CannaBusiness Laboratories 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 permission of CannaBusiness Laboratories. Uncertainty information is available on request. Photo is of sample received by the lab and may vary from final packaging. The results apply to the sample as received. ISO/IEC 17025:2017 Accredited.