



CannaBusiness Laboratories, LLC

2554 Palumbo Dr. Lexington, KY 40509

Certificate of Analysis

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

Sample ID: **210218003**
Order Number: **CB210218002**
Sample Name: **FULL SPEC. CBD W/D8**

Collected Date:
Received Date: **2/18/2021**
COA Released: **2/22/2021**

External Sample ID:
Batch Number:
Product Type: **Other**
Sample Type: **Other**

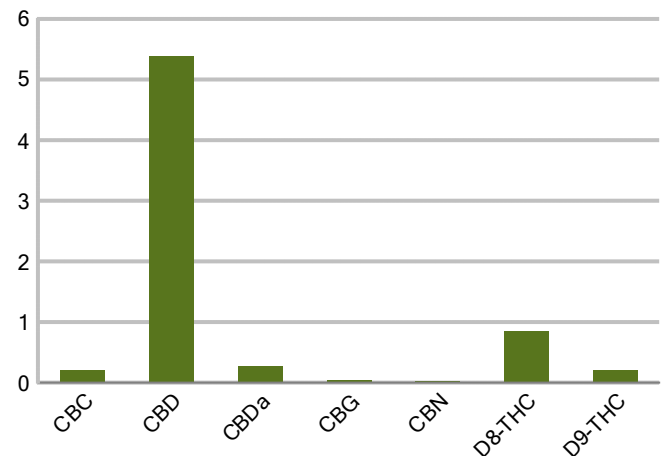
Comments:

CANNABINOID PROFILE

| Analyte | LOQ (%) | % weight | mg/g |
|----------------------------|---------|--------------|--------------|
| CBC | 0.01 | 0.211 | 2.110 |
| CBD | 0.01 | 5.385 | 53.85 |
| CBDa | 0.01 | 0.270 | 2.700 |
| CBDV | 0.01 | ND | ND |
| CBG | 0.01 | 0.048 | 0.481 |
| CBGa | 0.01 | ND | ND |
| CBN | 0.01 | 0.019 | 0.193 |
| d8-THC | 0.01 | 0.851 | 8.510 |
| d9-THC | 0.01 | 0.209 | 2.094 |
| THCa | 0.01 | ND | ND |
| Total Cannabinoids | | 6.993 | 69.93 |
| Total Potential THC | | 0.209 | 2.094 |
| Total Potential CBD | | 5.621 | 56.21 |
| Total Potential CBG | | 0.048 | 0.481 |



Cannabinoids (% weight)



Ratio of Total Potential CBD to Total Potential THC 26.90 : 1

Ratio of Total Potential CBG to Total Potential THC 0.23 : 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

02/22/2021 11:21 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. CannaB 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 in original packaging. The results apply to the sample as received. ISO/IEC 17025:2017 Accredited.



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Sample ID: 210218003
Sample Name: FULL SPEC. CBD W/D8
Sample Type: Other

Certificate of Analysis

Customer

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



| Overall Batch Results | |
|---------------------------|--------------------------|
| PASS | |
| Pesticide N/A | Moisture Content N/A |
| Potency PASS | Water Activity N/A |
| Mycotoxins N/A | Heavy Metals N/A |
| Microbial Screen N/A | Residual Solvents N/A |
| Terpenoids PASS | |

Sample Name: FULL SPEC. CBD W/D8

Sample ID: 210218003

Product Type: Other

Sample Type: Other

Collected Date:

Received Date: 02/18/2021

Batch Number:

Batch Size:

Sample Size:

COA released: 02/22/2021 11:21 AM

Potency (mg/g)

Date Tested: 02/19/2021

Method:

Instrument:

| | | | |
|-----------------------------|-----------------------------|--------------------------------------|---|
| 0.209 % Total THC | 5.621 % Total CBD | 6.993 % Total Cannabinoids | 69.93 mg/g Total Cannabinoids |
|-----------------------------|-----------------------------|--------------------------------------|---|

| Analyte | Result | Units | LOQ | Result | Units |
|------------------------------------|--------|-------|-------|--------|-------|
| CBC (Cannabichromene) | 0.211 | % | 0.010 | 2.110 | mg/g |
| CBD (Cannabidiol) | 5.385 | % | 0.010 | 53.85 | mg/g |
| CBDa (Cannabidiolic Acid) | 0.270 | % | 0.010 | 2.700 | mg/g |
| CBDV (Cannabidivarin) | ND | % | 0.010 | ND | mg/g |
| CBG (Cannabigerol) | 0.048 | % | 0.010 | 0.481 | mg/g |
| CBGa (Cannabigerolic Acid) | ND | % | 0.010 | ND | mg/g |
| CBN (Cannabinol) | 0.019 | % | 0.010 | 0.193 | mg/g |
| D8-THC (D8-Tetrahydrocannabinol) | 0.851 | % | 0.010 | 8.510 | mg/g |
| D9-THC (D9-Tetrahydrocannabinol) | 0.209 | % | 0.010 | 2.094 | mg/g |
| THCa (Tetrahydrocannabinolic Acid) | ND | % | 0.010 | ND | mg/g |

Terpenoids

Date Tested: 02/20/2021

Method:

Instrument:

| Analyte | Result | Unit | LOQ | Result | Unit |
|-------------------------------|--------|------|-------|--------|------|
| alpha-Bisabolol | <LOQ | mg/g | 0.100 | <LOQ | % |
| alpha-humulene | <LOQ | mg/g | 0.100 | <LOQ | % |
| alpha-pinene | <LOQ | mg/g | 0.100 | <LOQ | % |
| alpha-terpinene | <LOQ | mg/g | 0.100 | <LOQ | % |
| beta-caryophyllene | 0.401 | mg/g | 0.100 | 0.0401 | % |
| Beta-myrcene | <LOQ | mg/g | 0.100 | <LOQ | % |
| 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 | <LOQ | mg/g | 0.100 | <LOQ | % |
| 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 | <LOQ | mg/g | 0.100 | <LOQ | % |
| Isopulegol | <LOQ | mg/g | 0.100 | <LOQ | % |
| Linalool | <LOQ | mg/g | 0.100 | <LOQ | % |
| 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 | % |



Authorized Signature

J. Hobgood

Laboratory Manager

Jamie Hobgood

02/22/2021 11:21 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>

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