



CannaBusiness Laboratories, LLC

2554 Palumbo Dr. Lexington, KY 40509

Certificate of Analysis

Customer:
Palmetto Synergistic Research
8856 Pee Dee Hwy
Conway, SC 29527

Sample ID: **210514010**
Order Number: **CB210514004**
Sample Name: **Lavender CBD Lotion**

Collected Date:
Received Date: **5/14/2021**
COA Released: **5/21/2021**

External Sample ID:
Batch Number: **21133**
Product Type: **Topical**
Sample Type: **Topical**

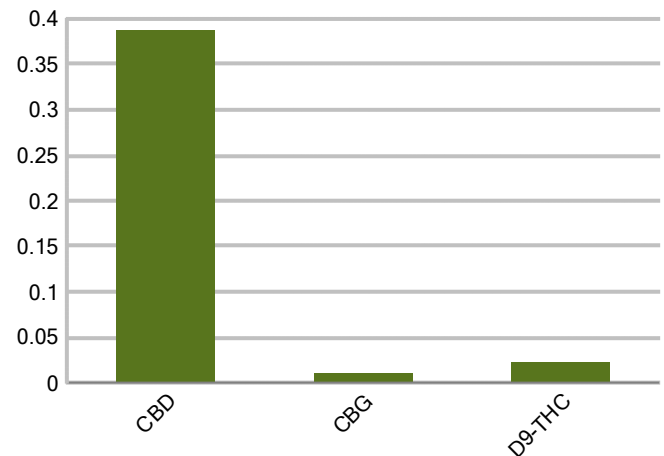
Comments:

CANNABINOID PROFILE

| Analyte | LOQ (%) | % weight | mg/g |
|----------------------------|---------|--------------|--------------|
| CBC | 0.01 | ND | ND |
| CBD | 0.01 | 0.388 | 3.877 |
| CBDa | 0.01 | ND | ND |
| CBDV | 0.01 | ND | ND |
| CBG | 0.01 | 0.010 | 0.102 |
| CBGa | 0.01 | ND | ND |
| CBN | 0.01 | ND | ND |
| d8-THC | 0.01 | ND | ND |
| d9-THC | 0.01 | 0.023 | 0.229 |
| THCa | 0.01 | ND | ND |
| Total Cannabinoids | | 0.421 | 4.208 |
| Total Potential THC | | 0.023 | 0.229 |
| Total Potential CBD | | 0.388 | 3.877 |
| Total Potential CBG | | 0.010 | 0.102 |



Cannabinoids (% weight)



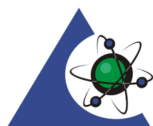
Ratio of Total Potential CBD to Total Potential THC 16.87 : 1

Ratio of Total Potential CBG to Total Potential THC 0.44 : 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

05/21/2021 9:35 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 and may vary from final packaging. The results apply to the sample as received. ISO/IEC 17025:2017 Accredited.



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Sample ID: 210514010
Sample Name: Lavender CBD Lotion
Sample Type: Topical

Certificate of Analysis

Customer

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Conway, SC 29527



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

Sample Name: Lavender CBD Lotion

Sample ID: 210514010

Product Type: Topical

Sample Type: Topical

Collected Date:

Received Date: 05/14/2021

Batch Number: 21133

Batch Size:

Sample Size:

COA released: 05/21/2021 9:35 AM

Potency (mg/g)

Date Tested: 05/14/2021

Method: CB-SOP-028

Instrument:

| | | | |
|-----------|-----------|--------------------|--------------------|
| 0.023 % | 0.388 % | 0.421 % | 4.208 mg/g |
| Total THC | Total CBD | Total Cannabinoids | Total Cannabinoids |

| Analyte | Result | Units | LOQ | Result | Units |
|------------------------------------|--------|-------|-------|--------|-------|
| CBC (Cannabichromene) | ND | % | 0.010 | ND | mg/g |
| CBD (Cannabidiol) | 0.388 | % | 0.010 | 3.877 | mg/g |
| CBDa (Cannabidiolic Acid) | ND | % | 0.010 | ND | mg/g |
| CBDV (Cannabidivarin) | ND | % | 0.010 | ND | mg/g |
| CBG (Cannabigerol) | 0.010 | % | 0.010 | 0.102 | mg/g |
| CBGa (Cannabigerolic Acid) | ND | % | 0.010 | ND | mg/g |
| CBN (Cannabinol) | ND | % | 0.010 | ND | mg/g |
| D8-THC (D8-Tetrahydrocannabinol) | ND | % | 0.010 | ND | mg/g |
| D9-THC (D9-Tetrahydrocannabinol) | 0.023 | % | 0.010 | 0.229 | mg/g |
| THCa (Tetrahydrocannabinolic Acid) | ND | % | 0.010 | ND | mg/g |

Terpenoids

Date Tested: 05/18/2021

Method: CB-SOP-026

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 | <LOQ | mg/g | 0.100 | <LOQ | % |
| 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 | 2.309 | mg/g | 0.100 | 0.2309 | % |
| delta-3-Carene | <LOQ | mg/g | 0.100 | <LOQ | % |
| Eucalyptol | 0.161 | mg/g | 0.100 | 0.0161 | % |
| 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 | 2.290 | mg/g | 0.100 | 0.2290 | % |
| Ocimene (mixture of isomers) | <LOQ | mg/g | 0.100 | <LOQ | % |
| p-Isopropyltoluene (p-Cymene) | <LOQ | mg/g | 0.100 | <LOQ | % |
| trans-beta-Ocimene | 0.119 | mg/g | 0.100 | 0.0119 | % |
| trans-Nerolidol | <LOQ | mg/g | 0.100 | <LOQ | % |
| Terpinolene | <LOQ | mg/g | 0.100 | <LOQ | % |

Pesticides

Date Tested: 05/17/2021

Method: CB-SOP-025

Instrument:

| Analyte | Result | Units | LOQ | Result | Analyte | Result | Units | LOQ | Result |
|--------------|--------|-------|-------|--------|--------------------|--------|-------|-------|--------|
| Acephate | NT | ppm | 0.010 | | Acetamiprid | NT | ppm | 0.010 | |
| Aldicarb | NT | ppm | 0.010 | | Azoxystrobin | ND | ppm | 0.010 | |
| Bifenazate | ND | ppm | 0.010 | | Bifenthrin | ND | ppm | 0.100 | |
| Boscalid | NT | ppm | 0.010 | | Carbaryl | NT | ppm | 0.010 | |
| Carbofuran | NT | ppm | 0.010 | | Chlorantranilprole | NT | ppm | 0.010 | |
| Chlorpyrifos | NT | ppm | 0.010 | | Clofentezine | NT | ppm | 0.010 | |
| Coumaphos | NT | ppm | 0.010 | | Daminozide | NT | ppm | 0.010 | |
| Diazinon | NT | ppm | 0.010 | | Dichlorvos | ND | ppm | 0.010 | |
| Dimethoate | NT | ppm | 0.010 | | Etofenprox | NT | ppm | 0.010 | |
| Etoazole | ND | ppm | 0.010 | | Fenhexamid | NT | ppm | 0.010 | |
| Fenoxycarb | ND | ppm | 0.010 | | Fenpyroximate | NT | ppm | 0.010 | |

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

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Sample ID: 210514010
Sample Name: Lavender CBD Lotion
Sample Type: Topical

Certificate of Analysis

| Pesticides | | | |
|-------------------------|--------------------|-------------|--|
| Date Tested: 05/17/2021 | Method: CB-SOP-025 | Instrument: | |

| Analyte | Result | Units | LOQ | Result | Analyte | Result | Units | LOQ | Result |
|---------------|--------|-------|-------|--------|--------------------|--------|-------|-------|--------|
| Fipronil | NT | ppm | 0.010 | | Fonicamid | NT | ppm | 0.100 | |
| Fludioxonil | NT | ppm | 0.010 | | Hexythiazox | NT | ppm | 0.010 | |
| Imazalil | ND | ppm | 0.010 | | Imidacloprid | ND | ppm | 0.010 | |
| Malathion | NT | ppm | 0.010 | | Metalaxyl | NT | ppm | 0.010 | |
| Methiocarb | NT | ppm | 0.010 | | Methomyl | NT | ppm | 0.010 | |
| Myclobutanil | ND | ppm | 0.010 | | Naled | NT | ppm | 0.010 | |
| Oxamyl | NT | ppm | 0.010 | | Paclobutrazol | ND | ppm | 0.010 | |
| Phosmet | NT | ppm | 0.010 | | Prallethrin | NT | ppm | 0.010 | |
| Propiconazole | NT | ppm | 0.010 | | Propoxur | NT | ppm | 0.010 | |
| Pyrethrin I | ND | ppm | 0.010 | | Pyrethrin II | ND | ppm | 0.010 | |
| Pyridaben | NT | ppm | 0.010 | | Spinetoram | NT | ppm | 0.010 | |
| Spiromesifen | ND | ppm | 0.010 | | Spirotetramat | ND | ppm | 0.010 | |
| Tebuconazole | NT | ppm | 0.010 | | Thiacloprid | NT | ppm | 0.010 | |
| Thiamethoxam | NT | ppm | 0.010 | | Trifloxystrobin | ND | ppm | 0.010 | |
| Ethoprophos | NT | ppm | 0.010 | | Kresoxym-methyl | NT | ppm | 0.010 | |
| Permethrins | NT | ppm | 0.010 | | Piperonyl Butoxide | ND | ppm | 0.010 | |
| Spinosyn A | ND | ppm | 0.010 | | Spiroxamine-1 | NT | ppm | 0.010 | |
| AbamectinB1a | NT | ppm | 0.010 | | Spinosyn D | ND | ppm | 0.010 | |

| Mycotoxins | | | |
|-------------------------|--------------------|-------------|--|
| Date Tested: 05/17/2021 | Method: CB-SOP-025 | Instrument: | |

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

| Metals | | | |
|-------------------------|--------------------|-------------|--|
| Date Tested: 05/18/2021 | Method: CB-SOP-027 | Instrument: | |

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

| Microbial | | | |
|-------------------------|---------|-------------|--|
| Date Tested: 05/20/2021 | Method: | Instrument: | |

| Analyte | Result | Units | LOQ | Result | Analyte | Result | Units | LOQ | Result |
|------------------|----------|-------|-----|--------|-------------------|----------|-------|-----|--------|
| STEC (E. coli) | Negative | | | | Salmonella | Negative | | | |
| L. monocytogenes | Negative | | | | Yeast/Mold (qPCR) | 0 | CFUs | | |



Authorized Signature

J. Hobgood
Laboratory Manager

Jamie Hobgood

05/21/2021 9:35 AM

Date Time

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