



CannaBusiness Laboratories, LLC

2554 Palumbo Dr. Lexington, KY 40509

Certificate of Analysis

Customer:
Palmetto Synergistic Research
8856 Pee Dee Hwy

Conway, SC 29527

Collected Date:
Received Date: **10/6/2021**
COA Released: **10/13/2021**

Comments:

Sample ID: **211006020**
Order Number: **CB211006007**
Sample Name: **ReBotanicals Hemp 50
Peppermint Tincture**

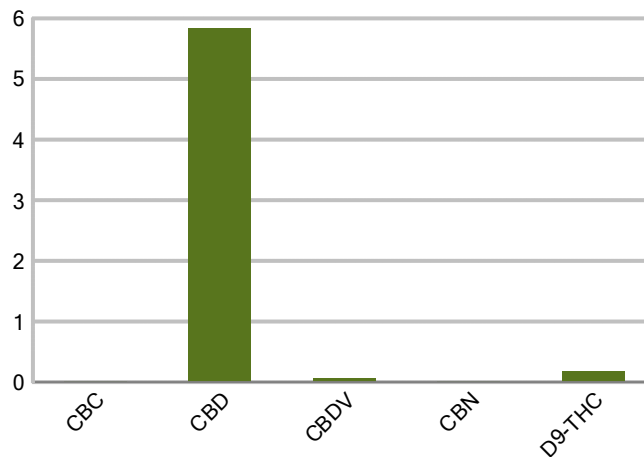
External Sample ID:
Batch Number: **Lot 21278**
Product Type: **Edible**
Sample Type: **Edible**

CANNABINOID PROFILE

| Analyte | LOQ (%) | % weight | mg/ml |
|----------------------------|---------|--------------|--------------|
| CBC | 0.01 | 0.014 | 0.129 |
| CBD | 0.01 | 5.840 | 54.31 |
| CBDa | 0.01 | ND | ND |
| CBDV | 0.01 | 0.058 | 0.539 |
| CBG | 0.01 | ND | ND |
| CBGa | 0.01 | ND | ND |
| CBN | 0.01 | 0.012 | 0.116 |
| d8-THC | 0.01 | ND | ND |
| d9-THC | 0.01 | 0.169 | 1.575 |
| THCa | 0.01 | ND | ND |
| Total Cannabinoids | | 6.093 | 56.67 |
| Total Potential THC | | 0.169 | 1.575 |
| Total Potential CBD | | 5.840 | 54.31 |
| Total Potential CBG | | N/A | N/A |



Cannabinoids (% weight)



Ratio of Total Potential CBD to Total Potential THC 34.56 : 1

Ratio of Total Potential CBG to Total Potential THC N/A

**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

10/13/2021 9:41 AM

DATE

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Sample ID: 211006020
Sample Name: ReBotanicals Hemp 50
Sample Type: Edible

Certificate of Analysis

Customer

Palmetto Synerqistic Research
8856 Pee Dee Hwy
Conway, SC 29527



Overall Batch Results

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

Sample Name: ReBotanicals Hemp 50
Peppermint Tincture
Sample ID: 211006020
Product Type: Edible
Sample Type: Edible
Collected Date:
Received Date: 10/06/2021
Batch Number: Lot 21278
Batch Size:
Sample Size:
COA released: 10/13/2021 9:41 AM

Potency (mg/mL)

Date Tested: 10/07/2021 Method: CB-SOP-028
Instrument:

0.169 %

Total THC

5.840 %

Total CBD

6.093 %

Total Cannabinoids

56.67 mg/mL

Total Cannabinoids

| Analyte | Result | Units | LOQ | Result | Units |
|------------------------------------|--------|-------|-------|--------|-------|
| CBC (Cannabichromene) | 0.014 | % | 0.010 | 0.129 | mg/mL |
| CBD (Cannabidiol) | 5.840 | % | 0.010 | 54.31 | mg/mL |
| CBDa (Cannabidiolic Acid) | ND | % | 0.010 | ND | mg/mL |
| CBDV (Cannabidivarin) | 0.058 | % | 0.010 | 0.539 | mg/mL |
| CBG (Cannabigerol) | ND | % | 0.010 | ND | mg/mL |
| CBGa (Cannabigerolic Acid) | ND | % | 0.010 | ND | mg/mL |
| CBN (Cannabinol) | 0.012 | % | 0.010 | 0.116 | mg/mL |
| D8-THC (D8-Tetrahydrocannabinol) | ND | % | 0.010 | ND | mg/mL |
| D9-THC (D9-Tetrahydrocannabinol) | 0.169 | % | 0.010 | 1.575 | mg/mL |
| THCa (Tetrahydrocannabinolic Acid) | ND | % | 0.010 | ND | mg/mL |

Terpenoids

Date Tested: 10/09/2021 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 | 0.163 | mg/g | 0.100 | 0.0163 | % |
| delta-3-Carene | <LOQ | mg/g | 0.100 | <LOQ | % |
| Eucalyptol | 0.411 | mg/g | 0.100 | 0.0411 | % |
| 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 | % |

Pesticides

Date Tested: 10/09/2021 Method: CB-SOP-025 Instrument:

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

NT = Not tested, ND = Not detected; LOQ = Limit of Quantitation; <LOQ = Detected; >UOL = 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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Sample ID: 211006020
Sample Name: ReBotanicals Hemp 50
Sample Type: Edible Hemp Tincture

Certificate of Analysis

| Pesticides | | | | | | | |
|-------------------------|--|--------------------|--|-------------|--|--|--|
| Date Tested: 10/09/2021 | | Method: CB-SOP-025 | | Instrument: | | | |

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

| Mycotoxins | | | | | | | |
|-------------------------|--|--------------------|--|-------------|--|--|--|
| Date Tested: 10/09/2021 | | 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: 10/11/2021 | | Method: CB-SOP-027 | | Instrument: | | | |

| Analyte | Result | Units | LOQ | Result | Analyte | Result | Units | LOQ | Result |
|---------|--------|-------|-------|--------|---------|--------|-------|-------|--------|
| Arsenic | <LOQ | ppm | 0.200 | | Cadmium | <LOQ | ppm | 0.200 | |
| Lead | <LOQ | ppm | 0.200 | | Mercury | <LOQ | ppm | 0.200 | |

| Microbial | | | | | | | |
|-------------------------|--|---------|--|-------------|--|--|--|
| Date Tested: 10/12/2021 | | 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 | | |

| Residual Solvent | | | | | | | |
|-------------------------|--|--------------------|--|-------------|--|--|--|
| Date Tested: 10/09/2021 | | Method: CB-SOP-032 | | Instrument: | | | |

| Analyte | Result | Units | LOQ | Result | Analyte | Result | Units | LOQ | Result |
|-------------------|--------|-------|-----|--------|-----------------|--------|-------|-----|--------|
| 1-4 Dioxane | <LOQ | ppm | 29 | | 2-Butanol | <LOQ | ppm | 175 | |
| 2-Ethoxyethanol | <LOQ | ppm | 24 | | 2-Methylpentane | <LOQ | ppm | 87 | |
| 3-Methylpentane | <LOQ | ppm | 87 | | 2-Propanol | <LOQ | ppm | 350 | |
| Cyclohexane | <LOQ | ppm | 146 | | Ether | <LOQ | ppm | 350 | |
| Ethylbenzene | <LOQ | ppm | 81 | | Acetone | <LOQ | ppm | 350 | |
| Isopropyl Acetate | <LOQ | ppm | 175 | | Methylbutane | <LOQ | ppm | 350 | |
| n-Heptane | <LOQ | ppm | 350 | | n-Hexane | <LOQ | ppm | 87 | |
| n-Pentane | <LOQ | ppm | 350 | | Tetrahydrofuran | <LOQ | ppm | 54 | |
| Acetonitrile | <LOQ | ppm | 123 | | Ethanol | <LOQ | ppm | 350 | |

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CannaBusiness Laboratories, LLC
2554 Palumbo Dr. Lexington, KY 40509



Sample ID: 211006020
Sample Name: ReBotanicals Hemp 50
Sample Type: Edible Mint Tincture

Certificate of Analysis

Residual Solvent

Date Tested: 10/09/2021 Method: CB-SOP-032 Instrument:

| Analyte | Result | Units | LOQ | Result | Analyte | Result | Units | LOQ | Result |
|--------------------|--------|-------|-----|--------|----------|--------|-------|-----|--------|
| Ethyl acetate | <LOQ | ppm | 175 | | o-Xylene | <LOQ | ppm | 81 | |
| m+p-Xylene | <LOQ | ppm | 163 | | Methanol | <LOQ | ppm | 250 | |
| Methylene Chloride | <LOQ | ppm | 90 | | Toluene | <LOQ | ppm | 67 | |



Authorized Signature


Laboratory Manager

Jamie Hobgood

10/13/2021 9:41 AM

Date Time

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