



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: **210723004**
Order Number: **CB210723004**
Sample Name: **ReBontanicals Hemp Relief
body oil peppermint**

Collected Date:
Received Date: **7/23/2021**
COA Released: **8/3/2021**

External Sample ID:
Batch Number: **CA21202**
Product Type: **Topical**
Sample Type: **Topical**

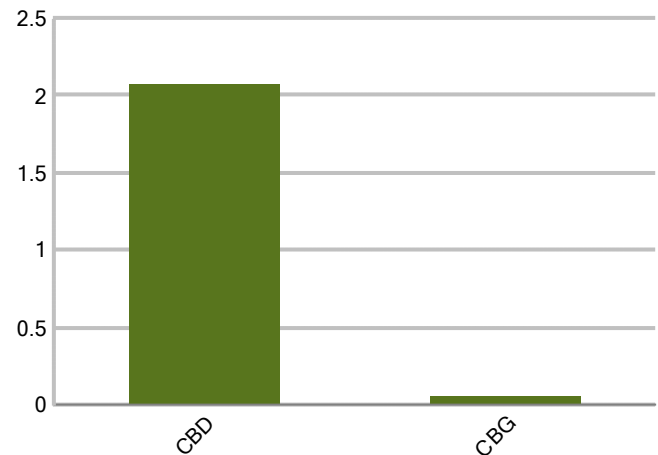
Comments:

CANNABINOID PROFILE

| Analyte | LOQ (%) | % weight | mg/g |
|----------------------------|---------|--------------|--------------|
| CBC | 0.01 | ND | ND |
| CBD | 0.01 | 2.070 | 20.70 |
| CBDa | 0.01 | ND | ND |
| CBDV | 0.01 | ND | ND |
| CBG | 0.01 | 0.053 | 0.530 |
| CBGa | 0.01 | ND | ND |
| CBN | 0.01 | ND | ND |
| d8-THC | 0.01 | ND | ND |
| d9-THC | 0.1 | ND | ND |
| THCa | 0.01 | ND | ND |
| Total Cannabinoids | | 2.123 | 21.23 |
| Total Potential THC | | N/A | N/A |
| Total Potential CBD | | 2.070 | 20.70 |
| Total Potential CBG | | 0.053 | 0.530 |



Cannabinoids (% weight)



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

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

08/03/2021 2:56 PM

DATE

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Sample ID: 210723004
 Sample Name: ReBontanicals Hemp Relief
 Sample Type: Topical peppermint

Certificate of Analysis

Customer

Palmetto Synergistic 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: ReBontanicals Hemp Relief
 body oil peppermint

Sample ID: 210723004

Product Type: Topical

Sample Type: Topical

Collected Date:

Received Date: 07/23/2021

Batch Number: CA21202

Batch Size:

Sample Size:

COA released: 08/03/2021 2:56 PM

Potency (mg/g)

Date Tested: 07/24/2021

Method: CB-SOP-028

Instrument:

| | | | |
|-----------|-----------|--------------------|--------------------|
| 0.000 % | 2.070 % | 2.123 % | 21.23 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) | 2.070 | % | 0.010 | 20.70 | mg/g |
| CBDa (Cannabidiolic Acid) | ND | % | 0.010 | ND | mg/g |
| CBDV (Cannabidivarin) | ND | % | 0.010 | ND | mg/g |
| CBG (Cannabigerol) | 0.053 | % | 0.010 | 0.530 | 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) | ND | % | 0.100 | ND | mg/g |
| THCa (Tetrahydrocannabinolic Acid) | ND | % | 0.010 | ND | mg/g |

Terpenoids

Date Tested: 07/30/2021

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 | 0.148 | mg/g | 0.100 | 0.0148 | % |
| delta-3-Carene | <LOQ | mg/g | 0.100 | <LOQ | % |
| Eucalyptol | 0.391 | mg/g | 0.100 | 0.0391 | % |
| gamma-Terpinene | <LOQ | mg/g | 0.100 | <LOQ | % |
| Geraniol | <LOQ | mg/g | 0.100 | <LOQ | % |
| Guaial | <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: 07/30/2021

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 | |
| Etozazole | ND | ppm | 0.010 | | Fenhexamid | ND | 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

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

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Sample ID: 210723004
Sample Name: ReBontanicals Hemp Relief
Sample Type: Topical peppermint

Certificate of Analysis

| Pesticides | | | | | | | | |
|-------------------------|--|--|--------------------|--|--|-------------|--|--|
| Date Tested: 07/30/2021 | | | Method: CB-SOP-025 | | | Instrument: | | |

| Analyte | Result | Units | LOQ | Result | Analyte | Result | Units | LOQ | Result |
|---------------|--------|-------|-------|--------|--------------------|--------|-------|-------|--------|
| Fenoxycarb | ND | ppm | 0.010 | | Fenpyroximate | ND | ppm | 0.010 | |
| Fipronil | ND | ppm | 0.010 | | Flonicamid | ND | ppm | 0.100 | |
| 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 | ND | 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: 07/30/2021 | | | 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: 07/30/2021 | | | 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: 08/03/2021 | | | 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: 07/30/2021 | | | 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 | |

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Sample ID: 210723004
Sample Name: ReBontanicals Hemp Relief
Sample Type: Topical peppermint

Certificate of Analysis

| | | |
|-------------------------|--------------------|-------------|
| Residual Solvent | | |
| Date Tested: 07/30/2021 | Method: CB-SOP-032 | Instrument: |

| Analyte | Result | Units | LOQ | Result | Analyte | Result | Units | LOQ | Result |
|--------------------|--------|-------|-----|--------|-----------------|--------|-------|-----|--------|
| n-Pentane | <LOQ | ppm | 350 | | Tetrahydrofuran | <LOQ | ppm | 54 | |
| Acetonitrile | <LOQ | ppm | 123 | | Ethanol | <LOQ | ppm | 350 | |
| 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

08/03/2021 2:56 PM

Date Time

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