

NC Controlled Substance License #: NC-DHHS-1002881  
 DEA Controlled Substance License #: RD0577986  
 ISO 17025 Certification: PENDING  
 Proficiency Testing Enrolled: Hemp PT Program U of Kentucky  
 Regulatory Services

9  
**ANALYTICAL**  
**Delta 9 Analytical**  
 Professional, Accurate, Responsive

**Laboratory Location**  
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Client Name: **RTW & CO, LLC**

Sample ID: **2146**

Sample Name: **Full Spectrum PCR**

Received Date: 04052021

Sample Type: Extract

Reported Date: 04112021

Sample Matrix: **Tincture**; 2000mg

Grower/Processor Lic#:

Test(s) Ordered: **C + T**

Sample Size: 1oz Test Size: 60.5mg

|   |   |   |
|---|---|---|
| <p><b>CANNABINOID SUMMARY</b></p> <p><b>TOTAL CANNABINOIDS: 7.645%</b><br/> <b>TOTAL CBD: 69.19 mg/g (2076 mg)</b><br/> <b>TOTAL THC: 0.1398%</b><br/> <b>Δ9-THC: 0.1398%</b></p> | <p><b>BATCH PHOTO</b></p>  | <p><b>TERPENE SUMMARY</b></p> <p><b>TOTAL: 0.0523%</b></p> <p><b>PRIMARY AROMAS</b><br/>     Spicy, Floral, Earthy, Woody</p> |
|---|---|---|

**CANNABINOIDS** (Liquid Chromatography Mass Spectrometry)

| ANALYTE                    | MASS (%) | MASS (mg/g) | LOQ (%) | ANALYTE                  | MASS (%) | MASS (mg/g) | LOQ (%) |
|----------------------------|----------|-------------|---------|--------------------------|----------|-------------|---------|
| Cannabinol (CBN)           | ND       | ND          | 0.05    | Cannabidolic Acid (CBDA) | ND       | ND          | 0.05    |
| Δ8-THC                     | ND       | ND          | 0.05    | Δ9-THC Acid (THCA)       | ND       | ND          | 0.05    |
| Cannabichromene (CBC)      | 0.3268   | 3.268       | 0.05    | THC-varian (THCV)        | ND       | ND          | 0.05    |
| Cannabigerol (CBG)         | 0.1935   | 1.935       | 0.05    | ***Δ9-THC                | 0.1398   | 1.398       | 0.05    |
| Cannabidiol (CBD)          | 6.919    | 69.19       | 0.05    | **TOTAL CANNABINOIDS     | 7.645    | 76.45       |         |
| Cannabigerolic Acid (CBGA) | <0.05    | <0.5        | 0.05    | *TOTAL THC               | 0.1398   | 1.398       |         |
| Cannabidivarin (CBDV)      | <0.05    | <0.5        | 0.05    | *TOTAL CBD               | 6.919    | 69.19       |         |

**TERPENES** (GC FID)

\*Calculated as follows: Total CBD/G = CBD/GA% (0.877) + CBD/G%. Total THC = THCA% (0.877) + Δ9-THC %. \*\*Total Cannabinoids is the absolute sum of all cannabinoids detected. ND = Not Detected

| ANALYTE             | MASS (%) | MASS (mg/g) | LOQ (%) | ANALYTE     | MASS (%) | MASS (mg/g) | LOQ (%) |
|---------------------|----------|-------------|---------|-------------|----------|-------------|---------|
| β-Caryophyllene     | 0.0223   | 0.223       | 0.005   | α-Pinene    | ND       | ND          | 0.005   |
| Geraniol            | 0.0088   | 0.088       | 0.005   | β-Pinene    | ND       | ND          | 0.005   |
| Linalool            | 0.0083   | 0.083       | 0.005   | β-Ocimene 2 | ND       | ND          | 0.005   |
| α-Humulene          | 0.0075   | 0.075       | 0.005   | Eucalyptol  | ND       | ND          | 0.005   |
| α-Bisabolol         | 0.0054   | 0.054       | 0.005   | Camphene    | ND       | ND          | 0.005   |
| cis-Nerolidol 1     | 0.0030   | 0.030       | 0.005   | γ-Terpinene | ND       | ND          | 0.005   |
| trans-Nerolidol 2   | 0.0029   | 0.029       | 0.005   | Terpinolene | ND       | ND          | 0.005   |
| Guaiol              | <0.005   | <0.05       | 0.005   | α-Ocimene 1 | ND       | ND          | 0.005   |
| β-Myrcene           | <0.005   | <0.05       | 0.005   | α-Terpinene | ND       | ND          | 0.005   |
| δ-Limonene          | <0.005   | <0.05       | 0.005   | 3-Carene    | ND       | ND          | 0.005   |
| Isopulegol          | ND       | ND          | 0.005   | p-Cymene    | ND       | ND          | 0.005   |
| Caryophyllene Oxide | ND       | ND          | 0.005   |             |          |             |         |

**SAMPLE CERTIFICATION**

 04112021  
 Frank P. Mauro COO/Michael R. Horton CSO & Date






Scan QR Code to verify COA at [www.delta9analytical.com](http://www.delta9analytical.com)

Testing results are based solely upon the sample submitted to Delta 9 Analytical, LLC. (D9A) In the condition it was received. D9A warrants that all analytical work is conducted professionally in accordance with all applicable standard practices using validated methods utilizing certified reference standards. \*\*\*The uncertainty of measurement associated with the measurement result reported in this certificate is available from D9A upon request. This report may not be reproduced, except in full, without the written approval of D9A. Tests Ordered: C=Cannabinoids; PO=Potency; T=Terpenes; P=Pesticides; HM=Heavy Metals; MY=Mycotoxins; MC=Microbials; RS=Residual Solvents.