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



Delta 9 Analytical

Professional, Accurate, Responsive

Sample ID: **1668**Received Date: 02012021
Reported Date: 02022021

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

Sample Strain: **D8** Sample Type: Flower/Extract Sample Matrix: **Hemp/Distillate** Sample Size: 3.47g

CANNABINOID SUMMARY

TOTAL CANNABINOIDS:

21.61%

Δ8-THC: 43.78 mg/g **TOTAL THC:** 0.8410% **Δ9-THC:** 0.2280%

TERPENE SUMMARY

TOTAL: 1.216%

PRIMARY AROMAS

Spicy, Woody, Fruity, Citrusy

CANNABINOIDS (Liquid Chromatography Mass Spectrometry)

MOISTURE (loss on drying): NT

| ANALYTE | MASS (%) | MASS (mg/g) | LOQ (%) | ANALYTE | MASS (%) | MASS (mg/g) | LOQ (%) |
|----------------------------|-------------|----------------|------------|--------------------------|-------------|----------------|------------|
| Cannabinol (CBN) | ND | ND | 0.05 | Cannabidolic Acid (CBDA) | 15.58 | 155.78 | 0.05 |
| ∆8-THC | 4.378 | 43.78 | 0.05 | Δ9-THC Acid (THCA) | 0.6989 | 6.989 | 0.05 |
| Cannabichromene (CBC) | <0.05 | <0.5 | 0.05 | THC-varian (THCV) | ND | ND | 0.05 |
| Cannabigerol (CBG) | 0.0836 | 0.836 | 0.05 | ***∆9-THC | 0.228 | 2.28 | 0.05 |
| Cannabidiol (CBD) | 0.2056 | 2.056 | 0.05 | **TOTAL CANNABINOIDS | 21.605 | 216.05 | |
| Cannabigerolic Acid (CBGA) | 0.4335 | 4.335 | 0.05 | *TOTAL THC | 0.84 | 8.41 | |
| Cannabidivarin (CBDV) | ND | ND | 0.05 | *TOTAL CBD | 13.87 | 138.67 | |

TERPENES (GC FID)

*Calculated as follows: Total CBD/G = CBD/GA% (0.877) + CBD/G%. Total THC = THCA% (0.877) + Δ 9-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-Myrcene | 0.4276 | 4.276 | 0.005 | Geraniol | 0.0043 | 0.043 | 0.005 |
| cis-Nerolidol 1 | 0.3644 | 3.644 | 0.005 | Eucalyptol | <0.05 | <0.05 | 0.005 |
| δ -Limonene | 0.1300 | 1.300 | 0.005 | Camphene | <0.05 | <0.05 | 0.005 |
| β-Caryophyllene | 0.0694 | 0.694 | 0.005 | Terpinolene | <0.05 | <0.05 | 0.005 |
| trans-Nerolidol 2 | 0.0531 | 0.531 | 0.005 | β-Ocimene 2 | ND | ND | 0.005 |
| α-Bisabolol | 0.0445 | 0.445 | 0.005 | lpha-Terpinene | ND | ND | 0.005 |
| α-Pinene | 0.0375 | 0.375 | 0.005 | 3-Carene | ND | ND | 0.005 |
| α-Humulene | 0.0282 | 0.282 | 0.005 | γ-Terpinene | ND | ND | 0.005 |
| β-Pinene | 0.0235 | 0.235 | 0.005 | α-Ocimene 1 | ND | ND | 0.005 |
| Linalool | 0.0170 | 0.170 | 0.005 | Isopulegol | ND | ND | 0.005 |
| Caryophyllene Oxide | 0.0117 | 0.117 | 0.005 | <i>p</i> -Cymene | ND | ND | 0.005 |
| Guaiol | 0.0092 | 0.092 | 0.005 | | | | |

SAMPLE CERTIFICATION

Man / m / 1 / 1202

02022021

Frank P. Maurio COO/Michael R. Horton CSO & Date

Scan QR Code to verify COA at

alytical.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.