

Certificate of Analysis

Report Jan 22 2020 8:44AM

Version 0

Sample Disposal 03/06/2020

Customer: Red Dirt Rx
P.O. Box 1399

License Number: GAAA-41RN-M7KD

Comments:

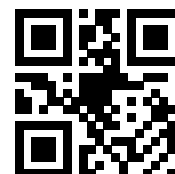
Sample Name: NC Fire-6002T
Batch Number: NC1216002T
Sample Type: Flower
Sample Num: 20OK000004
Sample Date: 12/17/2019
Sample Volume: 3.1857 g
Received Date: 1/6/2020
Received By: VanTassel, Cassy



| Potency | Method | Result (%) | Result (mg/g) | LOD (mg/g) | Analyzed By | Date |
|---------------------------------|--------|------------|---------------|------------|-------------|-----------|
| CBC | HPLC | <0.12 | <1.2 | 0.12 | CV | 1/22/2020 |
| CBD | HPLC | <0.12 | <1.18 | 0.12 | CV | 1/22/2020 |
| CBDA | HPLC | ND | ND | 0.11 | CV | 1/22/2020 |
| CBDV | HPLC | ND | ND | 0.09 | CV | 1/22/2020 |
| CBG | HPLC | ND | ND | 0.12 | CV | 1/22/2020 |
| CBGA | HPLC | 1.12 | 11.17 | 0.11 | CV | 1/22/2020 |
| CBN | HPLC | ND | ND | 0.08 | CV | 1/22/2020 |
| d8-THC | HPLC | 2.88 | 28.79 | 0.13 | CV | 1/22/2020 |
| d9-THC | HPLC | ND | ND | 0.11 | CV | 1/22/2020 |
| THCA | HPLC | 17.21 | 172.05 | 0.09 | CV | 1/22/2020 |
| THCV | HPLC | ND | ND | 0.13 | CV | 1/22/2020 |
| Total Cannabinoids | HPLC | 21.21 | 212.01 | | CV | 1/22/2020 |
| Total CBD = (CBDA*0.877+CBD) | HPLC | <0.22 | <2.15 | 0.22 | CV | 1/22/2020 |
| Total THC = (THCA*0.877+d9-THC) | HPLC | 15.09 | 150.89 | 0.18 | CV | 1/22/2020 |

| Terpene Profile | Method | Result (mg/g) | Result (%) | LOD (mg/g) | Analyzed By | Date |
|-----------------|--------|---------------|------------|------------|-------------|-----------|
| (-)-Isopulegol | GC-MS | ND | ND | 0.01 | RS | 1/22/2020 |
| α-Bisabolol | GC-MS | 0.17 | 0.017 | 0.01 | RS | 1/22/2020 |
| α-Cedrene | GC-MS | 0.12 | 0.012 | 0.01 | RS | 1/22/2020 |

*ND - Below the LOD



Sample Num: 200K000004

| | | | | | | |
|------------------------|-------|-------|-------|------|----|-----------|
| α -Humulene | GC-MS | 0.21 | 0.021 | 0.01 | RS | 1/22/2020 |
| α -Pinene | GC-MS | 0.35 | 0.035 | 0.01 | RS | 1/22/2020 |
| α -Terpinene | GC-MS | 0.22 | 0.022 | 0.01 | RS | 1/22/2020 |
| α -Terpineol | GC-MS | 0.34 | 0.034 | 0.02 | RS | 1/22/2020 |
| alpha-terpinolene | GC-MS | 4.11 | 0.411 | 0.02 | RS | 1/22/2020 |
| β -Caryophyllene | GC-MS | 0.79 | 0.079 | 0.01 | RS | 1/22/2020 |
| β -Myrcene | GC-MS | 1.36 | 0.136 | 0.01 | RS | 1/22/2020 |
| β -Pinene | GC-MS | 0.47 | 0.047 | 0.01 | RS | 1/22/2020 |
| Camphene | GC-MS | 0.03 | 0.003 | 0.01 | RS | 1/22/2020 |
| Camphor | GC-MS | ND | ND | 0.01 | RS | 1/22/2020 |
| Cedrol | GC-MS | 0.07 | 0.007 | 0.01 | RS | 1/22/2020 |
| Ocimene | GC-MS | 1.98 | 0.198 | 0.01 | RS | 1/22/2020 |
| Nerolidol | GC-MS | 0.16 | 0.016 | 0.02 | RS | 1/22/2020 |
| Limonene | GC-MS | 0.80 | 0.080 | 0.01 | RS | 1/22/2020 |
| Eucalyptol | GC-MS | 0.10 | 0.010 | 0.01 | RS | 1/22/2020 |
| Fenchol | GC-MS | 0.23 | 0.023 | 0.01 | RS | 1/22/2020 |
| Fenchone | GC-MS | <0.04 | <0.04 | 0.01 | RS | 1/22/2020 |
| γ -Terpinene | GC-MS | 0.19 | 0.019 | 0.01 | RS | 1/22/2020 |
| Geraniol | GC-MS | ND | ND | 0.02 | RS | 1/22/2020 |
| Geranyl Acetate | GC-MS | 0.06 | 0.006 | 0.01 | RS | 1/22/2020 |
| Guaiol | GC-MS | 0.36 | 0.036 | 0.01 | RS | 1/22/2020 |
| Linalool | GC-MS | 0.57 | 0.057 | 0.01 | RS | 1/22/2020 |
| p-Cymene | GC-MS | 0.05 | 0.005 | 0.01 | RS | 1/22/2020 |
| Pulegone | GC-MS | ND | ND | 0.01 | RS | 1/22/2020 |
| Sabinene | GC-MS | 0.14 | 0.014 | 0.01 | RS | 1/22/2020 |
| Sabinene Hydrate | GC-MS | ND | ND | 0.02 | RS | 1/22/2020 |
| Valencene | GC-MS | 0.08 | 0.008 | 0.01 | RS | 1/22/2020 |
| Total Terpenes | GC-MS | 12.96 | 1.296 | | RS | 1/22/2020 |

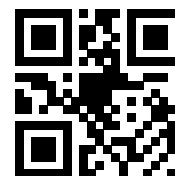
| Foreign Matter | Method | Result | Comment | Analyzed By | Date |
|--------------------------------------|---------|--------|---------|-------------|-----------|
| Foreign Materials Inspection Results | Optical | Pass | | CV | 1/22/2020 |

| Moisture Content | Method | Result | Status | Analyzed By | Analyzed |
|------------------|--------|--------|--------|-------------|-----------|
| | | | | | Date |
| Moisture Content | % | 14.8 | Pass | RS | 1/22/2020 |

| Pesticides | Method | Result (ppm) | Action Level (ppm) | LOQ (ppm) | Status | Analyzed By | Date |
|------------|--------|--------------|--------------------|-----------|--------|-------------|-----------|
| Abamectin | LC-MS | ND | 0.50 | 0.25 | Pass | AP | 1/22/2020 |

*ND - Below the LOD

All QC samples met requirements outlined in the SOPs. All results based on samples provided by customer. These results relate only to the sample included in this report. Test report may not be reproduced except in full, without the written approval of Demeter Labs
5401 N. Portland Ave, Suite 260, Oklahoma City, OK 73112 and 14524 Cantrell Road, Suite 100, Little Rock, AR 72223 (844)381-7873



Sample Num: 20OK000004

| | | | | | | | |
|---------------|-------|----|------|------|------|----|-----------|
| Azoxystrobin | LC-MS | ND | 0.50 | 0.08 | Pass | AP | 1/22/2020 |
| Bifenazate | LC-MS | ND | 0.50 | 0.12 | Pass | AP | 1/22/2020 |
| Etoazole | LC-MS | ND | 0.50 | 0.12 | Pass | AP | 1/22/2020 |
| Imazalil | LC-MS | ND | 0.50 | 0.1 | Pass | AP | 1/22/2020 |
| Imidacloprid | LC-MS | ND | 0.50 | 0.09 | Pass | AP | 1/22/2020 |
| Malathion | LC-MS | ND | 0.50 | 0.13 | Pass | AP | 1/22/2020 |
| Myclobutanil | LC-MS | ND | 0.50 | 0.09 | Pass | AP | 1/22/2020 |
| Permethrin | LC-MS | ND | .50 | 0.25 | Pass | AP | 1/22/2020 |
| Spinosad | LC-MS | ND | 0.50 | 0.08 | Pass | AP | 1/22/2020 |
| Spiromesifen | LC-MS | ND | 0.50 | 0.08 | Pass | AP | 1/22/2020 |
| Spirotetramat | LC-MS | ND | 0.50 | 0.16 | Pass | AP | 1/22/2020 |
| Tebuconazole | LC-MS | ND | 0.50 | 0.13 | Pass | AP | 1/22/2020 |

| Heavy Metals | Method | Result (ug/kg) | Action Level (ug/kg) | LOQ (ug/kg) | Status | Analyzed By | Date |
|--------------|--------|----------------|----------------------|-------------|--------|-------------|-----------|
| Arsenic | ICP-MS | ND | 400 | 375 | Pass | RS | 1/22/2020 |
| Cadmium | ICP-MS | ND | 400 | 375 | Pass | RS | 1/22/2020 |
| Lead | ICP-MS | ND | 1000 | 936 | Pass | RS | 1/22/2020 |
| Mercury | ICP-MS | ND | 200 | 187 | Pass | RS | 1/22/2020 |

Approved by:

Laurence Niadj
Technical Manager

Cassy VanTassel
QA Manager

*ND - Below the LOD