

Analytical Report

Tested for: Emerald Family Farms
 Sample ID: Scarlet Fire (4000)
 Sample Type: Flower
 Lab Sample ID: C1711121-09A
 Date Received: 11/15/2017 Date Tested 11/19/2017



Cannabinoid Potency

| LC-DAD | Result | MRL* | Units |
|------------------------------------|--------|-------|-------|
| Cannabidiol (CBD) | ND | 0.035 | % |
| Cannabidiolic Acid (CBDA) | 0.0485 | 0.035 | % |
| Cannabigerol (CBG) | 0.110 | 0.035 | % |
| Cannabigerolic Acid (CBGA) | 0.994 | 0.035 | % |
| Cannabinol (CBN) | ND | 0.035 | % |
| Tetrahydrocannabinol (Δ 9THC) | 0.351 | 0.035 | % |
| Tetrahydrocannabinolic Acid (THCa) | 16.5 | 0.035 | % |

Cannabinoid Summary

| LC-DAD | Result | MRL* | Units |
|-----------------------|--------|------|-------|
| Total cannabinoids | 18.1 | NA | % |
| Total CBD equivalents | 0.0431 | NA | % |
| Total THC equivalents | 14.9 | NA | % |

Terpenes

| GC-MS | Result | MRL* | Units |
|---------------------|--------|-------|-------|
| 3-Carene | ND | 0.099 | mg/g |
| Camphene | 0.291 | 0.099 | mg/g |
| Caryophyllene oxide | 0.411 | 0.099 | mg/g |
| cis-Nerolidol | ND | 0.099 | mg/g |
| Eucalyptol | ND | 0.099 | mg/g |
| Geraniol | ND | 0.099 | mg/g |
| Guaiol | ND | 0.099 | mg/g |
| Isopulegol | ND | 0.099 | mg/g |
| Limonene | 9.38 | 0.099 | mg/g |
| Linalool | 1.53 | 0.099 | mg/g |
| Myrcene | 1.26 | 0.099 | mg/g |
| Ocimene | 0.803 | 0.099 | mg/g |
| Terpinolene | 0.262 | 0.099 | mg/g |
| trans-Nerolidol | ND | 0.099 | mg/g |
| α-Bisabolol | ND | 0.099 | mg/g |
| α-Humulene | 1.39 | 0.099 | mg/g |
| α-Pinene | 2.02 | 0.099 | mg/g |
| α-Terpinene | ND | 0.099 | mg/g |
| β-Caryophyllene | 4.25 | 0.099 | mg/g |
| β-Pinene | 1.59 | 0.099 | mg/g |
| γ-Terpinene | 0.208 | 0.099 | mg/g |
| Total Terpenes | 23.4 | | mg/g |

Microbiological Analysis

| 3M Petrifilm/Plate Count | Result | MRL* | Units |
|---------------------------|--------|-------|-------|
| E. coli | ND | 10 | cfu/g |
| Pseudomonas aeruginosa | ND | 1,000 | cfu/g |
| Total aerobic plate count | ND | 1,000 | cfu/g |
| Total coliforms | ND | 10 | cfu/g |
| Total yeast and mold | ND | 1,000 | cfu/g |

Pesticides

| LC-MS/MS | Result | MRL* | Units |
|--------------------|--------|-------|-------|
| Acequinocyl | ND | 2.0 | µg/g |
| Avermectin B1a | ND | 0.50 | µg/g |
| Bifenazate | ND | 0.20 | µg/g |
| Bifenthrin | ND | 0.20 | µg/g |
| Carbaryl | ND | 0.20 | µg/g |
| Daminozide | ND | 1.0 | µg/g |
| Diazinon | ND | 0.20 | µg/g |
| Etoxazole | ND | 0.20 | µg/g |
| Fenoxycarb | ND | 0.20 | µg/g |
| Imidacloprid | ND | 0.40 | µg/g |
| Kresoxim-Methyl | ND | 0.40 | µg/g |
| Myclobutanil | ND | 0.20 | µg/g |
| Paclobutrazol | ND | 0.40 | µg/g |
| Piperonyl butoxide | ND | 0.20 | µg/g |
| Pyrethrin I | ND | 0.60 | µg/g |
| Pyrethrin II | ND | 0.40 | µg/g |
| Spinosyn A | ND | 0.11 | µg/g |
| Spinosyn D | ND | 0.085 | µg/g |
| Spiromesifen | ND | 0.20 | µg/g |
| Spirotetramat | ND | 0.20 | µg/g |
| Tebuconazole | ND | 0.40 | µg/g |
| Thiamethoxam | ND | 0.20 | µg/g |
| Trifloxystrobin | ND | 0.20 | µg/g |

ND = Not Detected at the Reporting Limit

*This is the minimum concentration of analyte reported. There are no safety limits imposed by California at this time.

Approved for release by: