

Analytical Report

Tested for: Emerald Family Farms
 Sample ID: GSC (On Point)
 Sample Type: Flower
 Lab Sample ID: C1708102-03A
 Date Received: 8/18/2017 Date Tested 8/21/2017



Cannabinoid Potency

| LC-DAD | Result | MRL* | Units |
|---------------------------------------|--------|-------|-------|
| Cannabidiol (CBD) | ND | 0.036 | % |
| Cannabidiolic Acid (CBDA) | 0.120 | 0.036 | % |
| Cannabigerol (CBG) | 0.108 | 0.036 | % |
| Cannabigerolic Acid (CBGA) | 2.06 | 0.036 | % |
| Cannabinol (CBN) | ND | 0.036 | % |
| Tetrahydrocannabinol (Δ 9THC) | 0.555 | 0.036 | % |
| Tetrahydrocannabinolic Acid (THCA) | 21.4 | 0.036 | % |

Cannabinoid Summary

| LC-DAD | Result | MRL* | Units |
|-----------------------|--------|------|-------|
| Total cannabinoids | 24.3 | NA | % |
| Total CBD equivalents | 0.106 | NA | % |
| Total THC equivalents | 19.4 | NA | % |

Terpenes

| GC-MS | Result | MRL* | Units |
|------------------------|--------|------|-------|
| 3-Carene | ND | 0.10 | mg/g |
| Camphene | ND | 0.10 | mg/g |
| Caryophyllene oxide | 0.315 | 0.10 | mg/g |
| cis-Nerolidol | 0.248 | 0.10 | mg/g |
| Eucalyptol | ND | 0.10 | mg/g |
| Geraniol | ND | 0.10 | mg/g |
| Guaiol | ND | 0.10 | mg/g |
| Isopulegol | ND | 0.10 | mg/g |
| Limonene | 3.23 | 0.10 | mg/g |
| Linalool | 1.26 | 0.10 | mg/g |
| Myrcene | 2.53 | 0.10 | mg/g |
| Ocimene | ND | 0.10 | mg/g |
| Terpinolene | ND | 0.10 | mg/g |
| trans-Nerolidol | 0.144 | 0.10 | mg/g |
| α -Bisabolol | 0.779 | 0.10 | mg/g |
| α -Humulene | 2.64 | 0.10 | mg/g |
| α -Pinene | 0.269 | 0.10 | mg/g |
| α -Terpinene | ND | 0.10 | mg/g |
| β -Caryophyllene | 7.05 | 0.51 | mg/g |
| β -Pinene | 0.588 | 0.10 | mg/g |
| γ -Terpinene | ND | 0.10 | mg/g |
| Total Terpenes | 19.1 | | 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 | 2,000 | 1,000 | cfu/g |
| Total coliforms | 400 | 10 | cfu/g |
| Total yeast and mold | 6,000 | 1,000 | cfu/g |

Pesticides

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