

# Analytical Report

Tested for: Emerald Family Farms  
 Sample ID: Canteloupe Haze (PV)  
 Sample Type: Flower  
 Lab Sample ID: C1709156-02A  
 Date Received: 9/22/2017 Date Tested 9/25/2017



## Cannabinoid Potency

| LC-DAD                                | Result | MRL*  | Units |
|---------------------------------------|--------|-------|-------|
| Cannabidiol (CBD)                     | ND     | 0.036 | %     |
| Cannabidiolic Acid (CBDA)             | 0.0964 | 0.036 | %     |
| Cannabigerol (CBG)                    | 0.140  | 0.036 | %     |
| Cannabigerolic Acid (CBGA)            | 0.281  | 0.036 | %     |
| Cannabinol (CBN)                      | ND     | 0.036 | %     |
| Tetrahydrocannabinol ( $\Delta$ 9THC) | 0.296  | 0.036 | %     |
| Tetrahydrocannabinolic Acid (THCA)    | 21.0   | 0.036 | %     |

## Cannabinoid Summary

| LC-DAD                | Result | MRL* | Units |
|-----------------------|--------|------|-------|
| Total cannabinoids    | 21.8   | NA   | %     |
| Total CBD equivalents | 0.0855 | NA   | %     |
| Total THC equivalents | 18.7   | NA   | %     |

## Terpenes

| GC-MS                  | Result | MRL* | Units |
|------------------------|--------|------|-------|
| 3-Carene               | ND     | 0.10 | mg/g  |
| Camphene               | 0.104  | 0.10 | mg/g  |
| Caryophyllene oxide    | ND     | 0.10 | mg/g  |
| cis-Nerolidol          | ND     | 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               | 4.19   | 0.51 | mg/g  |
| Linalool               | 1.46   | 0.10 | mg/g  |
| Myrcene                | 2.04   | 0.10 | mg/g  |
| Ocimene                | 1.04   | 0.10 | mg/g  |
| Terpinolene            | ND     | 0.10 | mg/g  |
| trans-Nerolidol        | 0.215  | 0.10 | mg/g  |
| $\alpha$ -Bisabolol    | 0.878  | 0.10 | mg/g  |
| $\alpha$ -Humulene     | 1.29   | 0.10 | mg/g  |
| $\alpha$ -Pinene       | 1.80   | 0.10 | mg/g  |
| $\alpha$ -Terpinene    | ND     | 0.10 | mg/g  |
| $\beta$ -Caryophyllene | 3.04   | 0.10 | mg/g  |
| $\beta$ -Pinene        | 1.36   | 0.10 | mg/g  |
| $\gamma$ -Terpinene    | ND     | 0.10 | mg/g  |
| Total Terpenes         | 17.4   |      | 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 | 1,000  | 1,000 | cfu/g |
| Total coliforms           | ND     | 10    | cfu/g |
| Total yeast and mold      | 11,000 | 1,000 | cfu/g |

## Pesticides

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