

# Terpene Profile Analysis

Fingerprint your Entourage

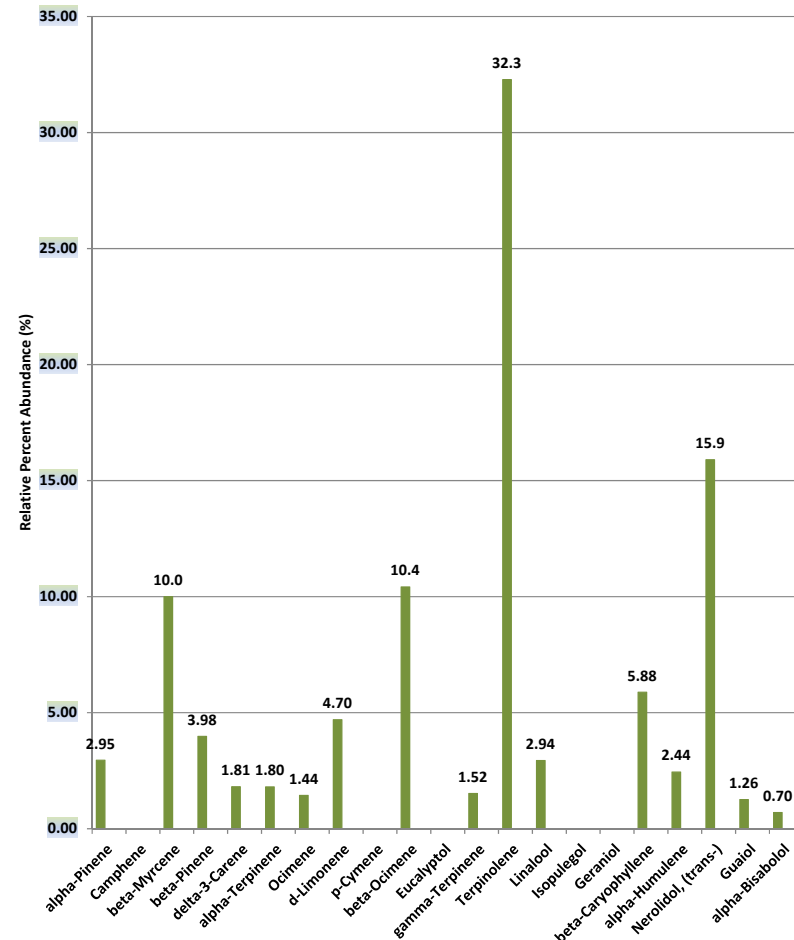
Client: Sofresh Farms  
 License Number: 020-100010499D8  
 Address: 27135 S. Gribble Rd.  
 City, State Zip: Canby, OR 97013  
 Contact Name: Michelle Haworth  
 Client Batch ID: 1A4010300001E17000004580  
 Lot Number: Betty Hayes 6/11/19  
 Collection Date/Time: 7/11/2019 13:02  
 LIMS ID: 079191920402

Analysis date: 7/22/2019

Strain Name:

## Betty Hayes

| Compound  | Relative Percent Abundance (%) | Absolute Concentration (mg/g) | Attribute  | Sensory                                  |
|---|--------------------------------|-------------------------------|--|--|
| alpha-Pinene  | 2.95                           | 0.67                          | Anti-inflammatory; Bronchodilator  | Pine Odor                                |
| Camphene  |                                |                               | Anti-inflammatory, Pain Reliever   | Citrus, Minty, Green Spicy               |
| beta-Myrcene  | 10.0                           | 2.28                          | Antimicrobial, Antiseptic, Anticarcinogen, Antioxidant, Pain Reliever      | Earthy Green, Citrus and Minty Nuances   |
| beta-Pinene   | 3.98                           | 0.91                          | Similar Properties to Alpha Isomer   | Woody-Green Pine                         |
| delta-3-Carene  | 1.81                           | 0.41                          | Dry Excess Fluids  | Medium Sweet, Pungent Citrus             |
| alpha-Terpinene                                       | 1.80                           | 0.41                          | Antifungal   | Lemony-Citrus, Refreshing                |
| Ocimene   | 1.44                           | 0.33                          | Antiviral, Antifungal, Antibacterial, Decongestant, Antiseptic             | Sweet, Fragrant, Herbal, Woody           |
| d-Limonene  | 4.70                           | 1.07                          | Anxiety and Depression Treatment   | Citrus Fruits                            |
| p-Cymene  |                                |                               | Antibiotic, Anticandidal, Ache Inhibitor                                   | Musty Tang, Orange to Carrot Odor        |
| beta-Ocimene  | 10.4                           | 2.37                          | AntiFungal, Plant Defenses   | Perfumes, Green, Tropical, Woody Veggies |
| Eucalyptol  |                                |                               | Increase Circulation, Reduce Pain and Swelling                             | Camphor, Minty Odor                      |
| gamma-Terpinene                                       | 1.52                           | 0.35                          | Antimicrobial, Antioxidant, Anti-Inflammatory, Antiproliferative           | Herbal, Citrus, Sweet                    |
| Terpinolene   | 32.3                           | 7.35                          | Antioxidant; Antiproliferative (in rat brain cells)                        | Floral                                   |
| Linalool  | 2.94                           | 0.67                          | Antibacterial, Sedative, Anxiety/Stress Reliever, Analgesic, Antiepileptic | Floral Scent (Spring, Spicy Overtones)   |
| Isopulegol  |                                |                               | Anti-Inflammatory, Gastroprotective, Anti-Epileptic                        | Minty, Cooling, Bitter-Sweet             |
| Geraniol  |                                |                               | Mosquito Repellent; (Potential Protective Effect Against Neuropathy)       | Perfume (Rosy Odor)                      |
| beta-Caryophyllene                                    | 5.88                           | 1.34                          | Anti-Inflammatory; Analgesic; CB2 Interaction                              | Spicy, Peppery                           |
| alpha-Humulene  | 2.44                           | 0.55                          | Appetite Suppressant; Potent Anti-Inflammatory                             | Spicy, Herbal                            |
| Nerolidol, (trans-)                                   | 15.9                           | 3.62                          | Antiparasitic, Antifungal, Antimicrobial                                   | Fruity, Citrus, Floral                   |
| Guaial  | 1.26                           | 0.29                          | Insecticide, Anti-Inflammatory, Antimicrobial                              | Pine Odor                                |
| alpha-Bisabolol                                       | 0.70                           | 0.16                          | Anti-Aging, Anti-Irritant, Anti-Inflammatory, Antimicrobial                | Tangy, Sweet Citrus Floral with Pepper   |
| <b>Total Quantified Terpene Abundance<sup>1</sup></b> |                                | <b>22.8</b>                   |  |  |



<sup>1</sup> The total mass of terpenes per gram of sample is based on identified and calibrated analytes. All possible terpenes have not yet been identified.

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 These results pertain only to the representative sample submitted for analysis.  
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Reviewed By: J. Fetkenhour, Technical Director Date: 7/22/2019

