

Terpene Profile Analysis

Fingerprint your Entourage

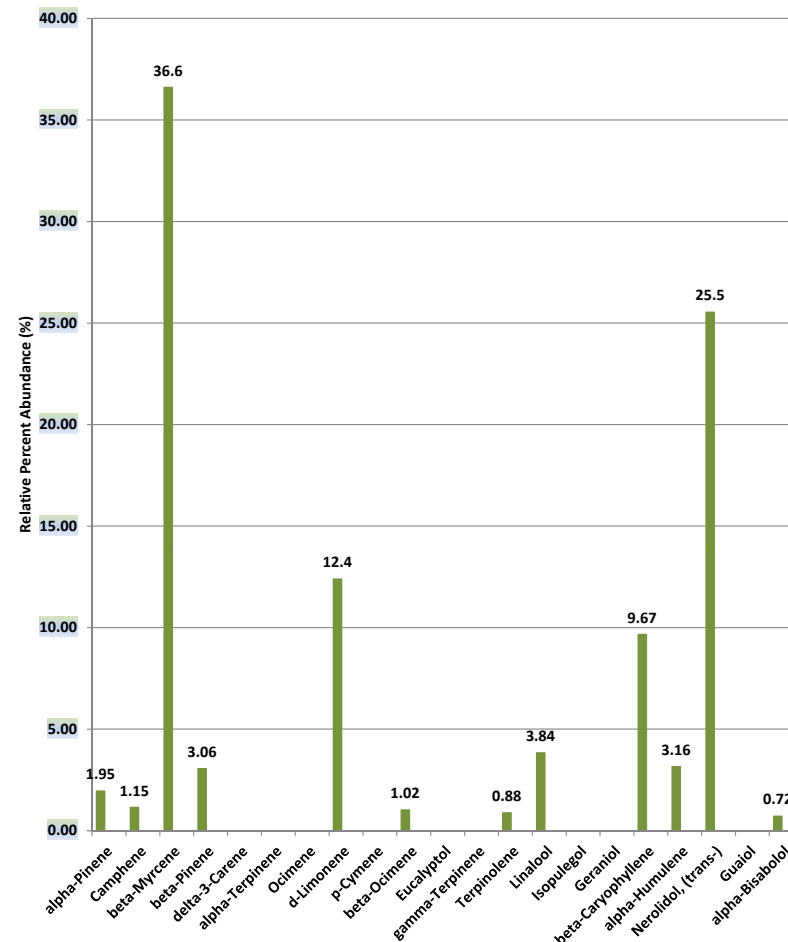
Client: Sofresh Farms
 License Number: 020-100010499D8
 Address: 27135 S. Gribble Rd.
 City, State Zip: Canby, OR 97013
 Contact Name: Michelle Haworth
 Client Batch ID: 1A4010300001E17000006302
 Lot Number: Sour OG 3/27/19
 Collection Date/Time: 5/6/2019 11:42
 LIMS ID: 079191260303

Analysis date: 5/9/2019

Strain Name:

Sour OG

Compound	Relative Percent Abundance (%)	Absolute Concentration (mg/g)	Attribute	Sensory
alpha-Pinene	1.95	0.48	Anti-inflammatory; Bronchodilator	Pine Odor
Camphene	1.15	0.28	Anti-inflammatory, Pain Reliever	Citrus, Minty, Green Spicy
beta-Myrcene	36.6	8.96	Antimicrobial, Antiseptic, Anticarcinogen, Antioxidant, Pain Reliever	Earthy Green, Citrus and Minty Nuances
beta-Pinene	3.06	0.75	Similar Properties to Alpha Isomer	Woody-Green Pine
delta-3-Carene			Dry Excess Fluids	Medium Sweet, Pungent Citrus
alpha-Terpinene			Antifungal	Lemony-Citrus, Refreshing
Ocimene			Antiviral, Antifungal, Antibacterial, Decongestant, Antiseptic	Sweet, Fragrant, Herbal, Woody
d-Limonene	12.4	3.03	Anxiety and Depression Treatment	Citrus Fruits
p-Cymene			Antibiotic, Anticandidal, Ache Inhibitor	Musty Tang, Orange to Carrot Odor
beta-Ocimene	1.02	0.25	AntiFungal, Plant Defenses	Perfumes, Green, Tropical, Woody Veggies
Eucalyptol			Increase Circulation, Reduce Pain and Swelling	Camphor, Minty Odor
gamma-Terpinene			Antimicrobial, Antioxidant, Anti-Inflammatory, Antiproliferative	Herbal, Citrus, Sweet
Terpinolene	0.88	0.22	Antioxidant; Antiproliferative (in rat brain cells)	Floral
Linalool	3.84	0.94	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	9.67	2.37	Anti-Inflammatory; Analgesic; CB2 Interaction	Spicy, Peppery
alpha-Humulene	3.16	0.77	Appetite Suppressant; Potent Anti-Inflammatory	Spicy, Herbal
Nerolidol, (trans-)	25.5	6.25	Antiparasitic, Antifungal, Antimicrobial	Fruity, Citrus, Floral
Guaiol			Insecticide, Anti-Inflammatory, Antimicrobial	Pine Odor
alpha-Bisabolol	0.72	0.18	Anti-Aging, Anti-Irritant, Anti-Inflammatory, Antimicrobial	Tangy, Sweet Citrus Floral with Pepper
Total Quantified Terpene Abundance¹		24.5		



¹ 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: 5/13/2019

