

Terpene Profile Analysis

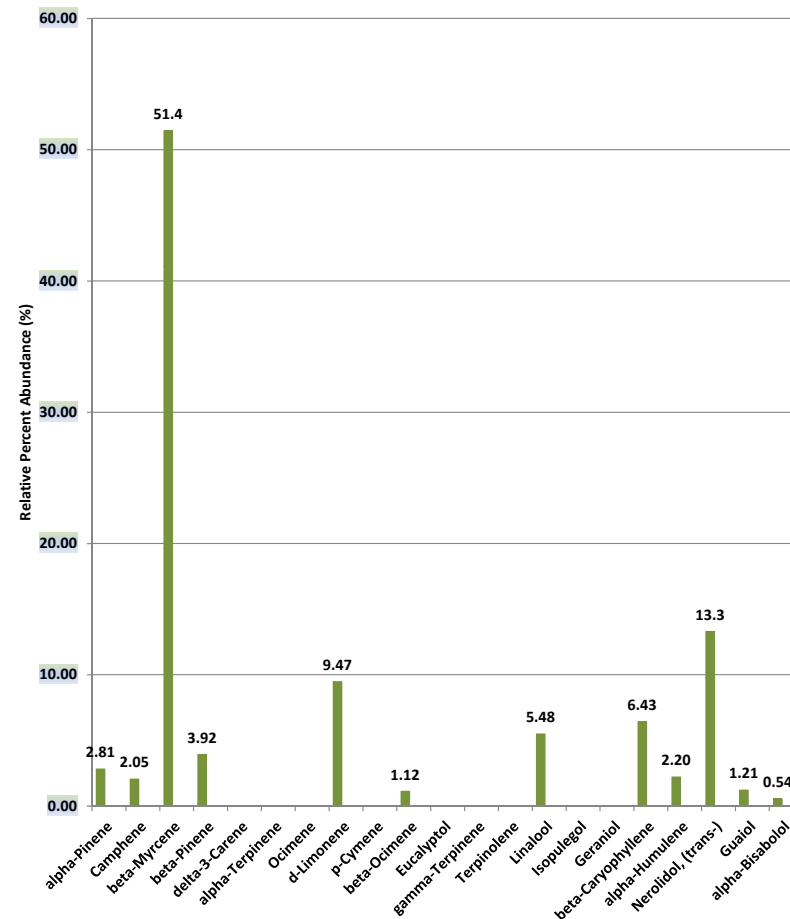
Fingerprint your Entourage

Client: Sofresh Farms
 License Number: 020-100010499D8
 Address: 27135 S. Gribble Rd.
 City, State Zip: Canby, OR 97013
 Contact Name: Joshua Hayes
 Client Batch ID: 1A4010300001E17000002525
 Lot Number: Black Betty 1/12/18
 Collection Date/Times: 4/13/2018 14:55
 ANOVA Sample ID: 079181030301

Black Betty

Strain Name:

Compound	Relative Percent Abundance (%)	Absolute Concentration (mg/g)	Attribute	Sensory
alpha-Pinene	2.81	0.34	Anti-inflammatory; Bronchodilator	Pine Odor
Camphene	2.05	0.25	Anti-inflammatory, Pain Reliever	Citrus, Minty, Green Spicy
beta-Myrcene	51.4	6.27	Antimicrobial, Antiseptic, Anticarcinogen, Antioxidant, Pain Reliever	Earthy Green, Citrus and Minty Nuances
beta-Pinene	3.92	0.48	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	9.47	1.15	Anxiety and Depression Treatment	Citrus Fruits
p-Cymene			Antibiotic, Anticandidal, Ache Inhibitor	Musty Tang, Orange to Carrot Odor
beta-Ocimene	1.12	0.14	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			Antioxidant; Antiproliferative (in rat brain cells)	Floral
Linalool	5.48	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	6.43	0.78	Anti-inflammatory; Analgesic; CB2 Interaction	Spicy, Peppery
alpha-Humulene	2.20	0.27	Appetite Suppressant; Potent Anti-inflammatory	Spicy, Herbal
Nerolidol, (trans-)	13.3	1.62	Antiparasitic, Antifungal, Antimicrobial	Fruity, Citrus, Floral
Guaiole	1.21	0.15	Insecticide, Anti-inflammatory, Antimicrobial	Pine Odor
alpha-Bisabolol	0.54	0.07	Anti-Aging, Anti-Irritant, Anti-inflammatory, Antimicrobial	Tangy, Sweet Citrus Floral with Pepper
Total Quantified Terpene Abundance ¹		12.2		



¹The 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: 4/17/2018

