

Terpene Profile Analysis

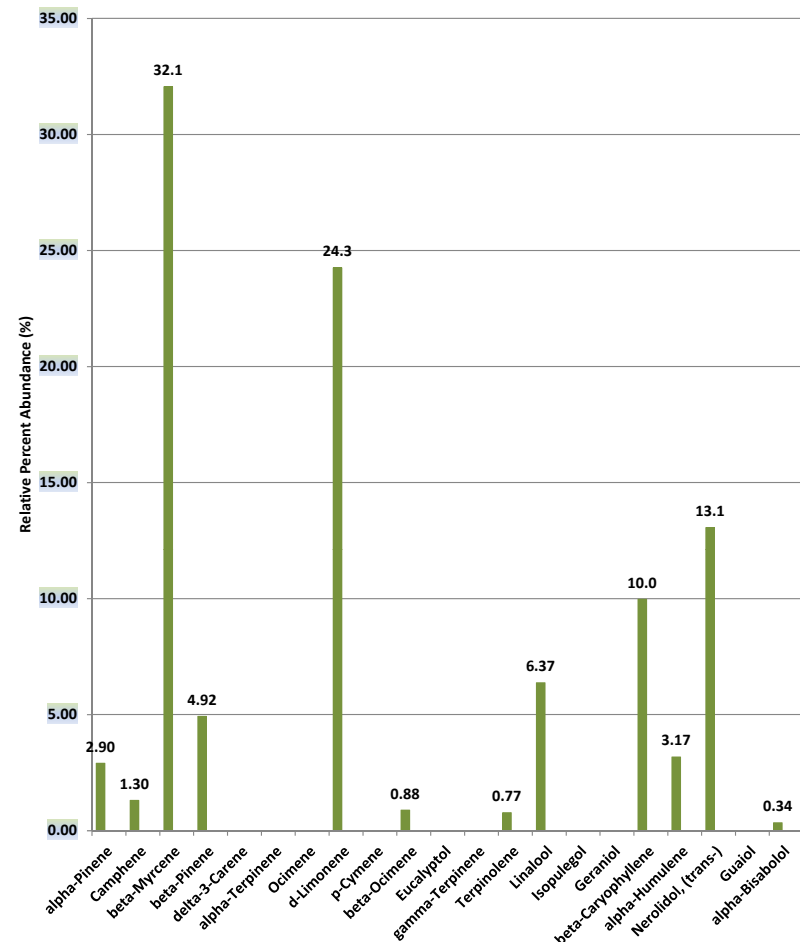
Fingerprint your Entourage

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: 1A4010300001E17000006048
 Lot Number: Kosher Kush 12/17/18
 Collection Date/Time: 3/1/2019 13:38
 LIMS ID: 079190600205

Analysis date: 3/8/2019

Kosher Kush

Compound	Relative Percent Abundance (%)	Absolute Concentration (mg/g)	Attribute	Sensory
alpha-Pinene	2.90	0.78	Anti-inflammatory; Bronchodilator	Pine Odor
Camphene	1.30	0.35	Anti-inflammatory, Pain Reliever	Citrus, Minty, Green Spicy
beta-Myrcene	32.1	8.60	Antimicrobial, Antiseptic, Anticarcinogen, Antioxidant, Pain Reliever	Earthy Green, Citrus and Minty Nuances
beta-Pinene	4.92	1.32	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	24.3	6.51	Anxiety and Depression Treatment	Citrus Fruits
p-Cymene			Antibiotic, Anticandidal, Ache Inhibitor	Musty Tang, Orange to Carrot Odor
beta-Ocimene	0.88	0.24	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	0.77	0.21	Antioxidant; Antiproliferative (in rat brain cells)	Floral
Linalool	6.37	1.71	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	10.0	2.68	Anti-Inflammatory; Analgesic; CB2 Interaction	Spicy, Peppery
alpha-Humulene	3.17	0.85	Appetite Suppressant; Potent Anti-Inflammatory	Spicy, Herbal
Nerolidol, (trans-)	13.1	3.51	Antiparasitic, Antifungal, Antimicrobial	Fruity, Citrus, Floral
Guaiol			Insecticide, Anti-Inflammatory, Antimicrobial	Pine Odor
alpha-Bisabolol	0.34	0.09	Anti-Aging, Anti-Irritant, Anti-Inflammatory, Antimicrobial	Tangy, Sweet Citrus Floral with Pepper
Total Quantified Terpene Abundance¹		26.9		



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: 3/11/2018

