

Terpene Profile Analysis

Fingerprint your Entourage

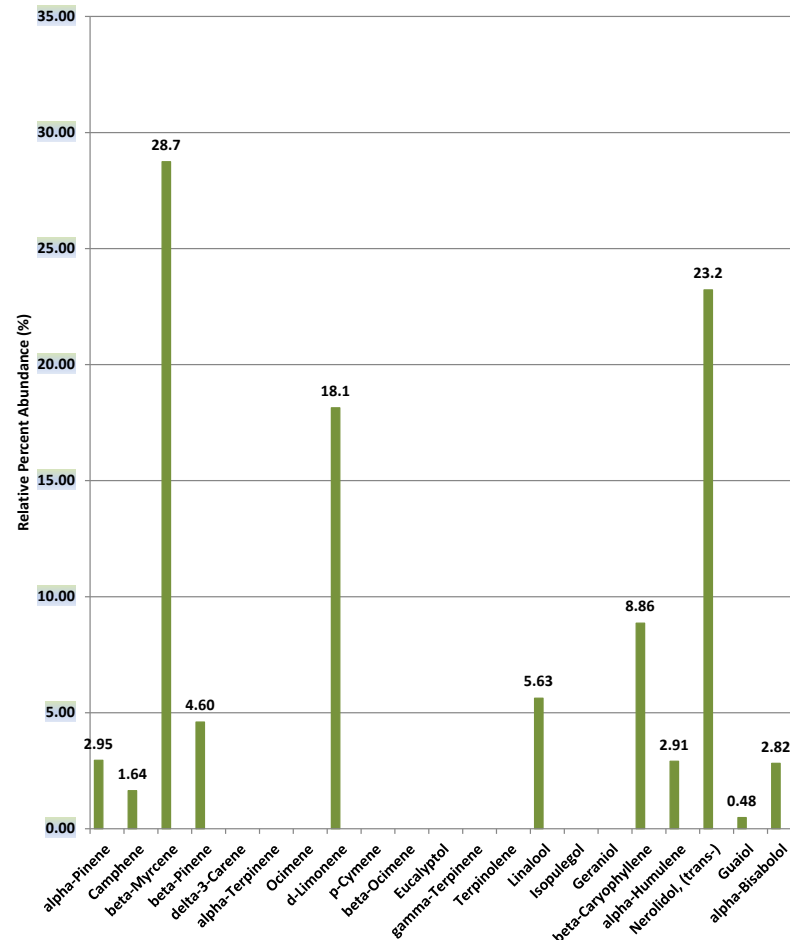
Client Sofresh Farms
 License Number 020-100010499D8
 Address 27135 S. Gribble Rd.
 City, State Zip Canby, OR 97013
 Contact Name Michelle Haworth
 Client Batch ID 1A4010300001E17000005586
 Lot Number Fire OG 10/18/19
 Collection Date/Time 1/13/2020 10:34
 LIMS ID 079200130101

Analysis Date: 1/17/2020

Fire OG

Strain Name:

Compound	Relative Percent Abundance (%)	Absolute Concentration (mg/g)	Attribute	Sensory
alpha-Pinene	2.95	0.61	Anti-inflammatory; Bronchodilator	Pine Odor
Camphene	1.64	0.34	Anti-inflammatory, Pain Reliever	Citrus, Minty, Green Spicy
beta-Myrcene	28.7	5.92	Antimicrobial, Antiseptic, Anticarcinogen, Antioxidant, Pain Reliever	Earthy Green, Citrus and Minty Nuances
beta-Pinene	4.60	0.95	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	18.1	3.74	Anxiety and Depression Treatment	Citrus Fruits
p-Cymene			Antibiotic, Anticandidal, Ache Inhibitor	Musty Tang, Orange to Carrot Odor
beta-Ocimene			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	5.63	1.16	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	8.86	1.82	Anti-inflammatory; Analgesic; CB2 Interaction	Spicy, Peppery
alpha-Humulene	2.91	0.60	Appetite Suppressant; Potent Anti-inflammatory	Spicy, Herbal
Nerolidol, (trans-)	23.2	4.78	Antiparasitic, Antifungal, Antimicrobial	Fruity, Citrus, Floral
Guaiol	0.48	0.10	Insecticide, Anti-inflammatory, Antimicrobial	Pine Odor
alpha-Bisabolol	2.82	0.58	Anti-Aging, Anti-Irritant, Anti-inflammatory, Antimicrobial	Tangy, Sweet Citrus Floral with Pepper
Total Quantified Terpene Abundance¹		20.6		



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: 1/20/2020

