

HOW THESE TERPENES CAN BENEFIT YOU

Terpene Analytes:	Properties and Benefits:
alpha-Pinene	•PINE AROMA •BRONCHODILATOR •KILLS BACTERIA •ANTI-OXIDANT •ANTI-CONVULSANT •TOPICAL ANTI-SEPTIC •PROMOTES ALERTNESS & MEMORY RETENTION •REDUCES INFLAMMATION
Camphene	•HERBAL/FIR NEEDLE AROMA •PAIN RELIEVER •REDUCES PLASMA CHOLESTEROL & TRIGLYCERIDES •ALTERNATIVE FOR PHARMACEUTICAL LIPOID LOWERING AGENTS •ANTI-OXIDANT
Sabinene	•PEPPERY/WOODY/SPICY AROMA •OILY, CITRUS FLAVOR •MAJOR CONSTITUENT OF CARROT SEED OIL
beta-Myrcene	•HOPPY/EARTHY AROMA •USED AS A SEDATIVE •ANALGESIC (PAINKILLER) •ANTI-INFLAMMATORY COMPOUND •HYPNOTIC PROPERTIES •RELAXES MUSCLES •ANTI-CANCER
Beta-Pinene	•PINE/WOODY AROMA •ANTI-BACTERIAL •BRONCHODILATOR •ANTI-OXIDANT •ANTI-CONVULSANT •TOPICAL ANTI-SEPTIC •PROMOTES ALERTNESS & MEMORY RETENTION •REDUCES INFLAMMATION
p-mentha-1-5-diene	•CITRUS/HERBAL/PEPPERY AROMA •FLAVOR ADDITIVE
[1S]-(+)-3-Carene	•CITRUS/SWEET AROMA •ANTI-INFLAMMATORY •ANTI-HISTAMINE •CALMING AGENT •HELPS TREAT INSOMNIA •REDUCES PERSPIRATION •RELIEVES ANXIETY •USED AS A SEDATIVE
Alpha-Terpinene	•CITRUS/LEMON AROMA •FLAVOR ADDITIVE •USED IN COSMETICS AND FRAGRANCES •USED FOR PHARMACEUTICALS
Ocimene Isomer 1	•FLORA/FRUITY AROMA •ANTI-INFLAMMATORY •ANTI-BACTERIAL •ANTI-FUNGAL •ANTI-SEPTIC •ANTI-VIRAL •DECONGESTANT •FLAVOR ADDITIVE •USED IN COSMETICS & FRAGRANCES
[R]-(+)-Limonene	•CITRUS/FRUITY AROMA •ANTI-BACTERIAL •ANTI-CANCER •ANTI-FUNGAL •POWERFUL ANTI-MICROBIAL •MOOD ENHANCER •RELIEVES HEARTBURN & GASTRO-REFLUX •SHOWN TO DESTROY BREAST CANCER CELLS
Ocimene Isomer2	•FLORA/FRUITY AROMA •ANTI-INFLAMMATORY •ANTI-BACTERIAL •ANTI-FUNGAL •ANTI-SEPTIC •ANTI-VIRAL •DECONGESTANT •FLAVOR ADDITIVE •USED IN COSMETICS & FRAGRANCES
Eucalyptol (1,8-Cineole)	•EUCALYPTOL/MINTY AROMA •COUGH SUPPRESSANT •ANTI-BACTERIAL •ANTI-OXIDANT •ANTI-FUNGAL •ANTI-PROLIFERATIVE •TOPICALLY CAN HEAL SKIN, GUMS OTHER AREAS
gamma-Terpinene	•LEMON AROMA •FLAVOR ADDITIVE •USED IN COSMETICS AND FRAGRANCES •USED FOR PHARMACEUTICALS
Sabinene Hydrate	•EUCALYPTOL/HERBAL AROMA •FLAVOR ADDITIVE •USED IN COSMETICS AND FRAGRANCES •USED IN SOAPS
Terpinolene	•FRESH/PINE AROMA •ANTI-OXIDANT •SLOWS GROWTH OF CANCER CELLS •ANTI-MICROBIAL AGENT •STRONG EFFECT ON BACTERIA & FUNGI •EFFECTIVE AGAINST BACTERIAL PATHOGENS •SEDATIVE
Linalool	•FLORAL AROMA •COUNTERS ANXIETY •MEDIATES STRESS •ANTI-DEPRESSANT •AMPLIFIES SEROTONIN RECEPTORS •STRONG ANTI-CONVULSANT •TOPICALLY CAN HEAL ACNE & SKIN BURNS WITHOUT SCARRING
(+)-Fenchone and L(-)-Fenchone	•CAMPHOR/HERBAL AROMA •FLAVOR ADDITIVE
1R)-Endo-(+)-Fenchyl	•LEMON/PINE AROMA •ANTI-FUNGAL •ANTI-MICROBIAL •ANTI-OXIDANT •FLAVOR ADDITIVE •USED IN COSMETICS AND FRAGRANCES
(-)-Isopulegol	•MINTY AROMA •ANTI-INFLAMMATORY •BREATHING AID •COOLING EFFECT •EMOLLIENT •FLAVOR ADDITIVE •PAIN RELIEVER •USED IN COSMETICS AND FRAGRANCES
Camphor	•CAMPHOR AROMA •ANTI-INFLAMMATORY •ANTI-DEPRESSANT •ANTI-SEPTIC •ANALGESIC PROPERTIES •FLAVOR ADDITIVE •USED IN COSMETICS AND FRAGRANCES
Isoborneol	•CAMPHOR/MUSKY AROMA •ANTI-INFLAMMATORY •ANTI-MICROBIAL •ANTI-OXIDANT •FLAVOR ADDITIVE
Hexahydrothymol	•MINTY AROMA •COOLING EFFECT
(+)-Borneol and (-) Borneol	•CAMPHOR/MINTY AROMA •COOLING EFFECT •MEDIATES STRESS •USED IN COSMETICS AND FRAGRANCES
alpha-Terpineol	•CITRUS/PINE AROMA •USED IN COSMETICS AND FRAGRANCES •SEDATIVE
gamma-Terpineol	•CITRUS/PINE AROMA •USED IN COSMETICS AND FRAGRANCES •SEDATIVE
Nerol	•FRESH/SWEET AROMA •USED IN COSMETICS AND FRAGRANCES •FLAVOR ADDITIVE
Geraniol	•FLORAL/FRUITY AROMA •ANTI-OXIDANT •ANTI-BACTERIAL •ANTI-FUNGAL •ANTI-TUMOR •ANTI-VIRAL •NEUROPROTECTANT •ANTI-SPASMODIC
(+) -Pulegone	•CAMPHOR/MINTY AROMA •ACETYLCHOLINESTERASE INHIBITOR •USED IN FOOD
Geranyl Acetate	•FLORAL/FRUITY AROMA •POWERFUL ANTI-MICROBIAL
alpha-Cedrene	•FRESH/SWEET AROMA •USED IN BAKERY ITEMS •MAJOR COMPONENT IN ESSENTIAL OIL OF CEDAR
trans- Caryophyllene	•SWEET AROMA •ANTI-DEPRESSANT •ANTI-MICROBIAL •ANTI-OXIDANT •MUSCLE RELAXER •PAIN RELIEVER •REDUCES INFLAMMATION •RELIEVES ANXIETY •SEDATIVE
alpha-Humulene	•HOPPY AROMA •RELIEVES PAIN •SLOWS BACTERIAL GROWTH •ANALGESIC PROPERTIES •INHIBITS CANCER CELL GROWTH •APPETITE SUPPRESSANT •REDUCES INFLAMMATION SYSTEMICALLY
Valencene	•CITRUS/SWEET AROMA •INSECTIFUNGAL •ANTI-INFLAMMATORY
cis-Nerolidol	•CITRUS/FIR NEEDLE AROMA •ANTI-LEISHMANIASIS •ANTI-FUNGAL •ANTI-MICROBIAL •ANTI-PARASITIC •FLAVOR ADDITIVE •SEDATIVE •USED IN COSMETICS AND FRAGRANCES
trans-Nerolidol	•CITRUS/FIR NEEDLE AROMA •ANTI-LEISHMANIASIS •ANTI-FUNGAL •ANTI-MICROBIAL •ANTI-PARASITIC •FLAVOR ADDITIVE •SEDATIVE •USED IN COSMETICS AND FRAGRANCES
Guaiol	•PINE AROMA •ANTI-MICROBIAL •CAN BE USED FOR TREATING COUGHS CONSTIPATION & ARTHRITIS •ANTI-INFLAMMATORY
(-)-Caryophyllene Oxide	•LEMON/SPICY AROMA •ANTI-FUNGAL •INSECTICIDAL •ANTI-PROLIFERATIVE •ANTI-INFLAMMATORY •USED AS PRESERVATIVE IN FOOD, DRUGS, AND COSMETICS
(+)-Cedrol	•SWEET AROMA •FLAVOR ADDITIVE •SEDATIVE •ESSENTIAL OIL OF CYPRESS & JUNIPER •MAJOR COMPONENT IN ESSENTIAL OIL OF CEDAR •IDENTIFIED IN ORIGANUM ONITES
(-)-alpha-Bisabolol	•FLORAL/FRESH AROMA •HEAL WOUNDS •ANTI-PERSPIRANT •REDUCES INFLAMMATION •ANTI-BACTERIAL •ANALGESIC PROPERTIES •ANTI-MICROBIAL •ANTI-CANCER