

Dr. Duke's Phytochemical and Ethnobotanical Databases

List of Plants for TRANS-OCIMENE

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Pycnanthemum tenuifolium</i>	Shoot	30.0	300.0	2.9560306188662704	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Agastache foeniculum</i>	Plant	15.0	1150.0	2.912514752459382	--
<i>Origanum vulgare</i>	Plant	76.0	824.0	1.8134384458721373	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Pimenta racemosa</i>	Leaf	210.0	715.0	1.5508624595270908	--
<i>Tagetes minuta</i>	Essential Oil		78000.0	1.3422809192685805	--
<i>Hedeoma drummondii</i>	Plant	1.0	606.0	1.0784733083383358	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Foeniculum vulgare</i>	Fruit	20.0	330.0	1.0	--
<i>Lavandula x intermedia</i>	Plant	30.0	460.0	0.5862489501734962	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Agastache urticifolia</i>	Plant		370.0	0.2828229759622938	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Citrus aurantium</i>	Leaf	1.0	332.0	0.2100490915838046	--
<i>Monarda media</i>	Plant		336.0	0.1681953857047284	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Mentha longifolia</i>	Shoot	1.0	38.0	-0.0753209884097984	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Satureja thymbra</i>	Shoot		37.0	-0.08689103271237882	Lagouri, V., Blekas, G., Tsimidou, M., Kokkini, S., and Boskou, D. 1993. Composition and Antioxidant Activity of Essential Oils from Oregano Plants Grown Wild in Greece. Z. Lebensm Unters Forsch 197: 20-23.
<i>Melissa officinalis</i>	Plant	1.0	250.0	-0.12174498965264288	Deutsche Apot. Ziti. 129(4):155-163. W. Schulze et al. Die Melisse.
<i>Myrtus communis</i>	Shoot	1.0	30.0	-0.16788134283044173	--
<i>Cymbopogon nardus</i>	Plant	54.0	216.0	-0.23637257991020827	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Origanum onites</i>	Shoot		20.0	-0.2835817858562459	Biondi, D., Cianci, P., Geraci, C. and Ruberto, G. 1993. Antimicrobial Activity and Chemical Composition of Essential Oils from Sicilian Aromatic Plants. Flav. & Frag. J. 8: 331-7.

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Origanum onites	Shoot		20.0	-0.2835817858562459	Biondi, D., Cianci, P., Geraci, C. and Ruberto, G. 1993. Antimicrobial Activity and Chemical Composition of Essential Oils from Sicilian Aromatic Plants. Flav. & Frag. J. 8: 331-7.
Agastache nepetoides	Essential Oil		36000.0	-0.2855092234440386	Jim Duke's personal files.
Aloysia citrodora	Plant	8.0	175.0	-0.37459996816197827	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Ocimum basilicum	Plant	8.0	161.0	-0.42179956415038755	Duke, J. A. Writeups or information summaries on approximately 2,000 economic plants, USDA, ARS, Beltsville, MD 20705.
Satureja douglasii	Plant		143.0	-0.48248475899262805	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Thymus riatarum	Shoot		0.1	-0.5138256674775962	Iglesias, J., Vila, R., Canigueral, S., Bellakdhar, and I Idrissi, A. 1991. Analysis of the Essential Oil of Thymus riatarum. J. Ess. Oil Res. 3: 43-4.
Origanum vulgare	Shoot		0.0	-0.5149826719078542	Lagouri, V., Blekas, G., Tsimidou, M., Kokkini, S., and Boskou, D. 1993. Composition and Antioxidant Activity of Essential Oils from Oregano Plants Grown Wild in Greece. Z. Lebensm Unters Forsch 197: 20-23.
Coridothymus capitatus	Shoot		0.0	-0.5149826719078542	Lagouri, V., Blekas, G., Tsimidou, M., Kokkini, S., and Boskou, D. 1993. Composition and Antioxidant Activity of Essential Oils from Oregano Plants Grown Wild in Greece. Z. Lebensm Unters Forsch 197: 20-23.
Thymus capitatus	Shoot		0.0	-0.5149826719078542	Biondi, D., Cianci, P., Geraci, C. and Ruberto, G. 1993. Antimicrobial Activity and Chemical Composition of Essential Oils from Sicilian Aromatic Plants. Flav. & Frag. J. 8: 331-7.
Rosmarinus officinalis	Plant	4.0	130.0	-0.5263129552675795	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Dracocephalum thymiflora	Plant		96.0	-0.6409405455251449	--
Moldavica thymiflora	Plant		96.0	-0.6409405455251449	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.

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Lavandula latifolia	Plant	0.0	49.0	-0.7993963320576618	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Hedeoma hispida	Plant		48.0	-0.8027677317711196	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Cinnamomum camphora	Leaf		24.0	-0.8682029118797255	--
Pimenta dioica	Leaf		17.0	-0.8927086392311695	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Nepeta cataria	Plant	4.0	20.0	-0.8971669237479382	--
Agastache nepetoides	Plant		20.0	-0.8971669237479382	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Pimenta dioica	Fruit		35.0	-1.0	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Ocimum basilicum	Essential Oil		16100.0	-1.0567716958245414	--
Foeniculum vulgare	Seed	20.0	330.0		Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Angelica archangelica	Root	10.0	268.0		--
Artemisia dracunculus	Leaf Essent. Oil				--
Artemisia dracunculus	Essential Oil				--
Levisticum officinale	Root				Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Laurus nobilis	Leaf				Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Glycine max	Plant				--
Salvia officinalis	Plant				--
Tagetes minuta	Flower Essent. Oil		3300.0		--
Mentha arvensis var. piperascens	Essential Oil				Jim Duke's personal files.
Cinnamomum verum	Plant				--
Hyacinthus orientalis	Flower	0.032	0.46		--
Angelica archangelica	Root Essent. Oil				--
Ferula gummosa	Plant				--

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Coriandrum sativum	Fruit				Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Cinnamomum verum	Root Bark				--
Apium graveolens	Fruit Essent. Oil		3000.0		--
Apium graveolens	Leaf Essent. Oil		20000.0		--
Apium graveolens	Root Essent. Oil		201000.0		--
Apium graveolens	Et		67000.0		--
Apium graveolens	Leaf				--
Annona squamosa	Plant				--
Artemisia dracunculus	Shoot Essent. Oil				--
Apium graveolens	Seed Essent. Oil		3000.0		--
Apium graveolens	Stem Essent. Oil		67000.0		--
Artemisia dracunculus	Shoot				--