Dr. Duke's Phytochemical and Ethnobotanical Databases

List of Plants for ALPHA-THUJONE

Plant	Part	Low PPM	High PPM	StdDev	Reference
Achillea millefolium	Plant				--
Achillea millefolium	Leaf	3.0	240.0	-0.5168544216563907	--
Acinos alpinus	Shoot		1.0	-0.2807155259458413	Velasco-Negueruela,A., Perez-Alonso,M.J., Jiminez,S.M. and Garcia,F.M. 1993. The Volatile Constituents of Acinus alpinus (L.) Moench ssp. meridionalis (Nyman). P.W. Ball Growing in Spain. Flav. & Frag. J. 8:127-130.)
Acinos alpinus	Shoot		1.0	-0.2807155259458413	Velasco-Negueruela,A., Perez-Alonso,M.J., Jiminez,S.M. and Garcia,F.M. 1993. The Volatile Constituents of Acinus alpinus (L.) Moench ssp. meridionalis (Nyman). P.W. Ball Growing in Spain. Flav. & Frag. J. 8:127-130.)
Artemisia vulgaris	Plant				ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Artemisia salsoloides	Shoot		9500.0	3.6055258787422324	V. Kaul, P. Weyerstahl, H. Wahlberg, H. Marschall, (1992); Volatile constituents of the essential oil and the absolute of Aremisia salsoloides Willd. from Ladakh,Flavour and Fragrance journal, Vol.7, 299-305.
Artemisia herba-alba	Plant	580.0	773.0	1.412123009266841	--
Artemisia absinthium	Leaf		1750.0	-0.046672241436138316	--
Cistus ladaniferus	Leaf	8.0	560.0	-0.41721316492097305	--
Cleonia lusitanica	Leaf	1.0	1.0	-0.5912739852806559	Perez-Alonso, M., Velasco-Negueruela, A., and Lopez-Saez, A. 1991. The Essential Oil of Cleonia lusitanica. J. Ess. Oil Res., 3: 441-442.
Eucalyptus globulus	Fruit Essent. Oil				--
Hyssopus officinalis	Shoot		20.0	-0.2729422248942492	Kerrola, K., Galambosi, B. and Kallio, H. 1994. Volatile Components and Odor Intensity of Four Phenotypes of Hyssop (Hyssopus officinalis L.) J. Agric. Food Chem. 42: 776-781.
Hyssopus officinalis	Shoot				Kerrola, K., Galambosi, B. and Kallio, H. 1994. Volatile Components and Odor Intensity of Four Phenotypes of Hyssop (Hyssopus officinalis L.) J. Agric. Food Chem. 42: 776-781.

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Hyssopus officinalis	Shoot		10.0	-0.2770334359740345	Kerrola, K., Galambosi, B. and Kallio, H. 1994. Volatile Components and Odor Intensity of Four Phenotypes of Hyssop (Hyssopus officinalis L.) J. Agric. Food Chem. 42: 776-781.
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Lavandula latifolia	Plant	2.0	9.0	-1.4158245112570556	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Melaleuca alternifolia	Leaf				--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Mentha x piperita	Essential Oil				--
Micromeria croatica	Leaf		45.0	-0.5775733124795359	Kirimer, N., Ozek, T., and Baser, K.H.C. 1991. Composition of the Essential Oil of Micromeria congesta. J. Ess. Oil Res., 3: 387-393.
Micromeria fruticosa	Shoot		0.0	-0.28112464705381984	Fleisher, Z. and Fleisher, A. 1991. The Essential Oil of Micromeria fruticosa (L.) Druce subsp. barbata (Boiss et. Ky.), P.H. Davis. Aromatic Plants of the Holy Land and the Sinai. Part VII. J. Ess. Oil Res 3: 477-479.
Micromeria thymifolia	Leaf		1.0	-0.5912739852806559	Kirimer, N., Ozek, T., and Baser, K.H.C. 1991. Composition of the Essential Oil of Micromeria congesta. J. Ess. Oil Res., 3: 387-393.
Micromeria fruticosa	Shoot		0.0	-0.28112464705381984	Fleisher, Z. and Fleisher, A. 1991. The Essential Oil of Micromeria fruticosa (L.) Druce subsp. barbata (Boiss et. Ky.), P.H. Davis. Aromatic Plants of the Holy Land and the Sinai. Part VII. J. Ess. Oil Res 3: 477-479.
Micromeria juliana	Leaf		40.0	-0.5791302071160268	Kirimer, N., Ozek, T., and Baser, K.H.C. 1991. Composition of the Essential Oil of Micromeria congesta. J. Ess. Oil Res., 3: 387-393.
Ocimum basilicum	Plant				--
Origanum onites	Shoot		0.0	-0.28112464705381984	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.
Origanum vulgare	Plant				Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Peumus boldus	Leaf	0.0	4290.0	0.74423023390124	--
Rosmarinus officinalis	Plant	84.0	399.0	0.027761264926608933	--
Salvia officinalis	Et		206000.0		--
Salvia gilliesii	Shoot		28.0	-0.26966925603042097	Velasco-Negueruela, A. et al. 1993. The Essential Oil of Salvia gilliesii Benth. J. Ess. Oil Res. 5: 319-320.
Salvia officinalis	Leaf	200.0	10172.0	2.575761084269138	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Salvia officinalis	Essential Oil	73300.0	408500.0		--
Salvia officinalis	Leaf Essent. Oil	200000.0	363300.0		--
Satureja montana	Plant	10.0	385.0	-0.02405976293639441	--
Thymus capitatus	Shoot		0.0	-0.28112464705381984	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.