Dr. Duke's Phytochemical and Ethnobotanical Databases

List of Plants for BETA-THUJONE

Plant	Part	Low PPM	High PPM	StdDev	Reference
Artemisia salsoloides	Shoot		15000.0	3.162270479122553	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.
Salvia officinalis	Leaf	200.0	9968.0	2.7606909658238585	--
Salvia triloba	Plant	160.0	1500.0	1.7562294515115164	--
Tanacetum vulgare	Leaf	1124.0	3500.0	0.5870085225272418	--
Artemisia herba-alba	Plant	580.0	773.0	0.462109432001206	--
Peumus boldus	Leaf		2145.0	0.1316375097463334	--
Artemisia absinthium	Leaf		1750.0	-0.001109021654743233	--
Hyssopus officinalis	Shoot		20.0	-0.313491451572943	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		20.0	-0.313491451572943	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		20.0	-0.313491451572943	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		20.0	-0.313491451572943	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.
Rosmarinus officinalis	Shoot		1.0	-0.31789996136487986	Tucker, A. O. and Maciarello, M. J. 1998. The essential oils of some rosemary cultivars. Flavor and Fragrance Journal, 1: 137-142. 1986.
Teucrium polium	Shoot		1.0	-0.31789996136487986	Perez-Alonso, M.J. Velasco-Negueruela, A. and Lopez-Saez, J.A. 1993. The Essential Oils of Two Iberian Teucrium Species. J. Ess. Oil Res. 5: 397-402.

Plant	Part	Low PPM	High PPM	StdDev	Reference
Hyssopus officinalis	Shoot		0.1	-0.3181087855129189	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.
Teucrium gnaphalodes	Shoot		0.0	-0.31813198819603444	Perez-Alonso, M.J. Velasco-Negueruela, A. and Lopez-Saez, J.A. 1993. The Essential Oils of Two Iberian Teucrium Species. J. Ess. Oil Res. 5: 397-402.
Origanum onites	Shoot		0.0	-0.31813198819603444	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.
Thymus capitatus	Shoot		0.0	-0.31813198819603444	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	11.0	209.0	-0.5418571305900116	Soliman, F.M., El-Kashoury, M.M., Fathy, M.M. and Gonaid, M.H. 1994. Analysis and Biological Activity of the Essential Oil of Rosmarinus officinalis L. from Egypt. Flavour and Fragrance J. 9: 29-33.
Micromeria croatica	Leaf		70.0	-0.5657018640694489	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 juliana	Leaf		40.0	-0.5757838791125686	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.
Achillea millefolium	Leaf	1.0	30.0	-0.5791445507936085	--
Rosmarinus officinalis	Leaf		13.0	-0.5848576926513763	Soliman, F.M., El-Kashoury, M.M., Fathy, M.M. and Gonaid, M.H. 1994. Analysis and Biological Activity of the Essential Oil of Rosmarinus officinalis L. from Egypt. Flavour and Fragrance J. 9: 29-33.

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Rosmarinus officinalis	Leaf		13.0	-0.5848576926513763	Soliman, F.M., El-Kashoury, M.M., Fathy, M.M. and Gonaid, M.H. 1994. Analysis and Biological Activity of the Essential Oil of Rosmarinus officinalis L. from Egypt. Flavour and Fragrance J. 9: 29-33.
Micromeria thymifolia	Leaf		4.0	-0.5878822971643123	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.
Satureja montana	Plant	2.0	65.0	-0.7981890189111736	--
Lavandula latifolia	Plant	4.0	20.0	-0.8782927340115366	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Eucalyptus globulus	Fruit Essent. Oil				--
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.
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				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.
Salvia officinalis	Essential Oil	52300.0	142500.0		--
Salvia officinalis	Et		151000.0		--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Salvia officinalis	Leaf Essent. Oil	174000.0	356000.0		--
Ocimum basilicum	Plant				--
Mentha x piperita	Essential Oil				--
Zingiber officinale	Rhizome				--
Zingiber officinale	Rhizome Essent. Oil				--