

**Dr. Duke's Phytochemical and Ethnobotanical Database**

**List of Plants for EUGENOL-METHYL-ETHER**

<b>Plant</b>	<b>Part</b>	<b>Low PPM</b>	<b>High PPM</b>	<b>StdDev</b>	<b>Reference</b>
Acorus calamus	Rhizome	--	--		Bisset, N.G., ed. 1994. Herbal Drugs and Phytopharmaceuticals. CRC Press. Boca Raton, FL. 566 pp.
Agastache rugosa	Essential Oil	--	--		Jim Duke's personal files.
Agastache rugosa	Shoot	--	--		Jim Duke's personal files.
Alpinia galanga	Rhizome	--	--		--
Anemopsis californica	Root	--	--		Childs, R. F., Cole, J. R. 1965. Phytochemical and Pharmacological Investigation of Anemopsis californica. J. Pharm. Sci., 54: 789.
Artemisia dracunculus	Shoot	--	--		--
Artemisia dracunculus	Essential Oil	--	5300	-0.5830399519329805	--
Artemisia dracunculus	Shoot Essent. Oil	--	--		--
Cananga odorata	Flower	--	--		--
Cinnamomum verum	Leaf Essent. Oil	--	--		--
Cinnamomum verum	Stem Bark	--	--		--
Cucumis melo	Plant	--	--		Stitt, Paul. Why George should eat broccoli.
Hyssopus officinalis	Shoot	50	50	1.4142135623730947	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	-0.40406101782088455	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.

Plant	Part	Low PPM	High PPM	StdDev	Reference
Hyssopus officinalis	Shoot	--	30	0.20203050891044186	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	--	30	0.20203050891044186	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	-0.40406101782088455	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	--	40	0.8081220356417683	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	--	50	1.4142135623730947	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	--	10	-1.010152544552211	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	--	30	0.20203050891044186	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	--	40	0.8081220356417683	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.
Laurus nobilis	Essential Oil	--	--		--
Laurus nobilis	Leaf Essent. Oil	5000	77000	-1	--
Melaleuca alternifolia	Essential Oil	--	--		--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Myristica fragrans	Essential Oil	1000	3000	-0.6504264790408124	--
Myristica fragrans	Seed Essent. Oil	1000	6000		--
Myristica fragrans	Seed	--	--		--
Myristica fragrans	Fruit	--	--		--
Myrrhis odorata	Essential Oil	--	90800	1.9219809470755538	Hussain, R.A., et. al. 1990. Sweetening Agents of Plant Origin: Phenylpropanoid Constituents of Seven Sweet-Tasting Plants. Econ. Bot. 44 2: 174-182. Program Collab. Res. Pharm. Sci. Coll. Pharmacy Univ. Illinois at Chicago IL 60680, USA.
Ocimum basilicum	Plant	375	2500		Duke, J. A. Writeups or information summaries on approximately 2,000 economic plants, USDA, ARS, Beltsville, MD 20705.
Ocimum basilicum	Essential Oil	--	26800	0.04687758407501351	--
Ocimum basilicum	Shoot Essent. Oil	2000	8200		--
Ocimum basilicum	Leaf Essent. Oil	--	378000	1	--
Ocimum sanctum	Leaf	1200	1400	-0.07470211141938432	Guenther, E., The Essential Oils, 6 volumes, D. van Nostrand, New York, 1948-1952.
Ocimum tenuiflorum	Leaf	1200	1400	-0.07470211141938432	--
Origanum onites	Shoot	0	0	-1.6162440712835375	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.
Pimenta dioica	Fruit	8000	22500		--
Pimenta dioica	Leaf Essent. Oil	--	--		--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Pimenta racemosa	Leaf	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Pinus sylvestris	Plant	--	--		Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.
Piper betel	Leaf	80	6635	2.155709789419842	--
Piper nigrum	Leaf Essent. Oil	--	--		--
Piper nigrum	Fruit Essent. Oil	--	--		--
Prunus cerasus	Plant	--	--		--
Rosmarinus officinalis	Leaf	5	5	-0.6690525606401523	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.
Rosmarinus officinalis	Leaf	--	7	-0.6682004453007676	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.
Rosmarinus officinalis	Leaf	--	5	-0.6690525606401523	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.
Sarracenia flava	Essential Oil	--	--		--
Tagetes filifolia	Essential Oil	--	100	-0.7353921001767744	Hussain, R.A., et. al. 1990. Sweetening Agents of Plant Origin: Phenylpropanoid Constituents of Seven Sweet-Tasting Plants. Econ. Bot. 44 2: 174-182. Program Collab. Res. Pharm. Sci. Coll. Pharmacy Univ. Illinois at Chicago IL 60680, USA.
Tagetes lucida	Leaf	--	--		Tramil
Thymus capitatus	Shoot	0	0	-1.6162440712835375	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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Trifolium pratense	Root	--	--		--