

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

**List of Plants for METHYL-EUGENOL**

<b>Plant</b>	<b>Part</b>	<b>Low PPM</b>	<b>High PPM</b>	<b>StdDev</b>	<b>Reference</b>
Acacia farnesiana	Flower	--	--		CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Acorus calamus	Rhizome	1025	1025	1	--
Artemisia capillaris	Plant	--	--		--
Artemisia dracunculus	Plant	290	2900	2.732417724171957	Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
Asarum canadense	Rhizome	--	--		--
Asiasarum heterotropoides	Root	--	--		--
Asiasarum sieboldii	Root	--	--		--
Canarium indicum	Essential Oil	300	750		--
Cinnamomum aromaticum	Bark	--	--		Williamson, E. M. and Evans, F. J., Potter's New Cyclopaedia of Botanical Drugs and Preparations, Revised Ed., Saffron Walden, the C. W. Daniel Co., Ltd., Essex UK, 362 pp, 1988, reprint 1989.
Cinnamomum camphora	Plant	--	--		--
Cinnamomum verum	Bark	--	--		Williamson, E. M. and Evans, F. J., Potter's New Cyclopaedia of Botanical Drugs and Preparations, Revised Ed., Saffron Walden, the C. W. Daniel Co., Ltd., Essex UK, 362 pp, 1988, reprint 1989.
Cinnamomum verum	Leaf	--	--		Wealth of India.
Citrullus colocynthis	Plant	--	--		--
Cymbopogon flexuosus	Plant	500	1000	0.4954507283948448	Leung, A.Y., Encyclopedia of Common Natural Ingredients Used in Food, Drugs, and Cosmetics, John Wiley & Sons, New York, 1980.

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Cymbopogon nardus</i>	Plant	51	204	-0.44172070773072425	List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
<i>Cymbopogon winterianus</i>	Plant	20	60	-0.6112592589896212	Guenther, E., The Essential Oils, 6 volumes, D. van Nostrand, New York, 1948-1952.
<i>Ephedra sinica</i>	Shoot	--	23	-0.5855534179535692	--
<i>Eruca sativa</i>	Hs	--	--		--
<i>Eucalyptus brassiana</i>	Leaf	--	10	-0.8099876492727506	Singh, A. K., Gupta, K. C., & Brophy, J. J. 1991. Chemical Constituents of the Leaf Essential Oil of <i>Eucalyptus brassiana</i> S. T. Blake. <i>Journal of Essential Oil Res.</i> 3: 45-7.
<i>Hyacinthus orientalis</i>	Flower	2	34	-1	--
<i>Hyssopus officinalis</i>	Plant	7	100	-0.5641652169732609	--
<i>Hyssopus officinalis</i>	Shoot	7	100	-0.562321857612429	--
<i>Juniperus virginiana</i>	Leaf	--	--		--
<i>Laurus nobilis</i>	Leaf	20	2608	-0.4181165295687271	--
<i>Melaleuca bracteata</i>	Leaf	2800	9000	0.5460251937369379	Guenther, E., The Essential Oils, 6 volumes, D. van Nostrand, New York, 1948-1952.
<i>Melissa officinalis</i>	Shoot	--	--		--
<i>Metrosideros sclerocarpa</i>	Leaf	2	8	-0.8102893206505057	--
<i>Myristica fragrans</i>	Seed	20	900		--
<i>Myrtus communis</i>	Plant	8	12	-0.6677721094092535	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Ocimum basilicum</i>	Plant	13	1400	0.9663911485584473	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Ocimum canum	Shoot	--	--		=ICMR(Indian Council of Medical Research).1976.Medicinal Plants of India.Vol.1.Indian Council of Med. Res.Cambridge Printing Works, New Delhi.487 pp;ICMR.1987.Medicinal Plants of India.Vol.2.Indian Council of Med. Res.Cambr. Printing Works,New Delhi.600pp
Ocimum gratissimum	Plant	15	100	-0.5641652169732609	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Ocimum gratissimum	Shoot	9835	9835	2.374811128374582	Vostrowsky, O., Garbe, W., Bestmann, H.J. and Maia, J.G.S. 1990. Essential Oil of Alfavaca, Ocimum gratissimum, from Brazilian Amazon. Zeitschr. Naturforschung 45(C): 1073-6.
Ocimum suave	Shoot	2240	2240	0.08333449472575308	J. Nat. Prod. 44: 308.
Ocimum tenuiflorum	Leaf	130	7740	0.35597222575115295	--
Peumus boldus	Leaf	0	125	-0.7926415450518257	--
Pimenta dioica	Leaf	190	190	-0.7828372252747813	--
Pimenta dioica	Fruit	--	1500	-1	--
Pimenta racemosa	Leaf	130	14650	1.7180184963159455	--
Piper nigrum	Fruit	--	--		--
Pycnanthemum clinopodioides	Shoot	84	88	-0.5659423605227366	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Pycnanthemum pycnanthemoides	Shoot	--	--		Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Ravensara aromatica	Bark	--	66		--
Ravensara aromatica	Leaf	--	17320	1.8009781251986294	--
Rheum palmatum	Rhizome	0.5	27	-1	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Rosa damascena	Essential Oil	--	--		--
Rosmarinus officinalis	Plant	--	--		CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Rosmarinus officinalis	Shoot	--	0.54	-0.5923297925673616	Tucker, A. O. and Maciarello, M. J. 1998. The essential oils of some rosemary cultivars. Flavor and Fragrance Journal, 1: 137-142. 1986.
Satureja montana	Plant	25	415	-0.19329963609442394	Stanic, G., Petricic, J., and Blazevic, N. 1991. Gas Chromatographic Investigations of Essential Oils of Satureja montana and Satureja subspicata from Yugoslavia. J. Ess. Oil Res., 3: 153-158.
Satureja subspicata	Plant	60	60	-0.6112592589896212	Stanic, G., Petricic, J., and Blazevic, N. 1991. Gas Chromatographic Investigations of Essential Oils of Satureja montana and Satureja subspicata from Yugoslavia. J. Ess. Oil Res., 3: 153-158.
Stevia rebaudiana	Flower	--	--		Kinghorn, A. D. (Ed.) 2002. Medicinal and Aromatic Plants - Industrial Profiles. Stevia. The genus Stevia. Taylor & Francis. New York, NY. 211 pp.
Stevia rebaudiana	Leaf	--	--		Kinghorn, A. D. (Ed.) 2002. Medicinal and Aromatic Plants - Industrial Profiles. Stevia. The genus Stevia. Taylor & Francis. New York, NY. 211 pp.
Syringa vulgaris	Flower	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Syzygium aromaticum	Flower	310	340	1	--
Syzygium aromaticum	Fruit	310	340	1	--
Syzygium aromaticum	Leaf	18	29	-0.807121771184076	Charalambous, G. (Ed.). 1994. Spices, Herbs and Edible Fungi. Elsevier Science B. V. Amsterdam. 764 pp.
Tagetes lucida	Shoot	--	1460	-0.15199819444423854	Bicchi, C., Fresia, M., Rubiolo, P., Monti, D., Franz, C., Goehler, I. 1997. Constituents of Tagetes lucida Cav. ssp. lucida essential oil. Flavor & Fragrance, 12(1): 47-52.

<b>Plant</b>	<b>Part</b>	<b>Low PPM</b>	<b>High PPM</b>	<b>StdDev</b>	<b>Reference</b>
Umbellularia californica	Plant	30	120	-0.5406181959650808	--