

Dr. Duke's Phytochemical and Ethnobotanical Databases

List of Plants for MENTHONE

Plant	Part	Low PPM	High PPM	StdDev	Reference
Acinos suaveolens	Shoot		13600.0	1.4904646322710717	Jim Duke's personal files.
Acorus calamus	Rhizome				Pakistan Encyclopedia Planta Medica. 1986.
Agastache pallidiflora	Plant				Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Agastache urticifolia	Plant		546.0	-0.42588063725215625	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Agathosma betulina	Leaf Essent. Oil				--
Apium graveolens	Seed Essent. Oil				--
Apium graveolens	Essential Oil				--
Artemisia dracunculus	Shoot				--
Artemisia dracunculus	Essential Oil				--
Calamintha nepeta	Plant		590.0	-0.41868294265065537	J. Ethnopharmacology, 39: 167.
Calamintha nepeta	Leaf		1.0	-0.6405912619317381	Akgul, A., De Pooter, H.L., and De Buyck, L.F. 1991. The Essential Oils of Calamintha nepeta subsp. glandulosa and Ziziphora clinopodioides from Turkey. J. Ess. Oil Res., 3: 7-10.
Dracocephalum thymiflora	Plant		28.0	-0.5106171327880071	--
Elettaria cardamomum	Seed Essent. Oil		57700.0		--
Elytrigia repens	Rhizome		7.0		Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
Elytrigia repens	Plant	5.0	10.0	-0.5135616442158939	Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
Hedeoma pulegioides	Pollen Or Spore		14000.0		--
Hedeoma pulegioides	Plant	36.0	420.0	-0.4464922172473632	--
Hedeoma pulegioides	Essential Oil				--
Hedeoma drummondii	Plant	1.0	126.0	-0.4945859039028462	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Lepechinia calycina	Plant		30.0	-0.5102899648515753	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.

Plant	Part	Low PPM	High PPM	StdDev	Reference
Mentha longifolia	Shoot	0.0	4485.0	-0.05903408796777609	--
Mentha aquatica	Shoot				Umemoto, K., Arai, T., Nii, H. and Furukawa, K. 1993. A New Chemotype of Mentha aquatica Containing Sesquiterpene Alcohols as Major Components. Nippon Nogeikagaku Kaishi 67(10): 1417-1419.
Mentha x rotundifolia	Leaf		0.0	-0.6407179214882321	Jim Duke's personal files.
Mentha aquatica	Shoot				Umemoto, K., Arai, T., Nii, H. and Furukawa, K. 1993. A New Chemotype of Mentha aquatica Containing Sesquiterpene Alcohols as Major Components. Nippon Nogeikagaku Kaishi 67(10): 1417-1419.
Mentha spicata	Leaf	4.0	1300.0	-0.4760604980459572	--
Mentha spicata	Essential Oil				--
Mentha pulegium	Plant	50.0	6160.0	0.49247976031206625	Duke, J. A. Writeups or information summaries on approximately 2,000 economic plants, USDA, ARS, Beltsville, MD 20705.
Mentha arvensis var. piperascens	Plant	71.0	24000.0	3.4108177532842308	--
Mentha aquatica	Shoot				Umemoto, K., Arai, T., Nii, H. and Furukawa, K. 1993. A New Chemotype of Mentha aquatica Containing Sesquiterpene Alcohols as Major Components. Nippon Nogeikagaku Kaishi 67(10): 1417-1419.
Mentha x piperita	Plant	20.0	10000.0	1.1206421982612318	--
Mentha aquatica	Shoot		0.1	-0.8214418565250121	Umemoto, K., Arai, T., Nii, H. and Furukawa, K. 1993. A New Chemotype of Mentha aquatica Containing Sesquiterpene Alcohols as Major Components. Nippon Nogeikagaku Kaishi 67(10): 1417-1419.
Mentha pulegium	Shoot				--
Mentha sp	Plant				Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.
Mentha pulegium	Plant	10.0	6160.0	0.49247976031206625	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Mentha arvensis</i> var. <i>piperascens</i>	Leaf	250.0	25680.0	2.6118994892791703	--
<i>Mentha aquatica</i>	Shoot		2.0	-0.8211188672141561	Umemoto, K., Arai, T., Nii, H. and Furukawa, K. 1993. A New Chemotype of <i>Mentha aquatica</i> Containing Sesquiterpene Alcohols as Major Components. <i>Nippon Nogekagaku Kaishi</i> 67(10): 1417-1419.
<i>Mentha spicata</i>	Leaf	438.0	10950.0	0.7462042221217	Duke, J. A. Writeups or information summaries on approximately 2,000 economic plants, USDA, ARS, Beltsville, MD 20705.
<i>Mentha aquatica</i>	Leaf	23.0	212.0	-0.613866095511492	--
<i>Mentha pulegium</i>	Essential Oil	1000.0	80000.0	1.0	--
<i>Micromeria croatica</i>	Leaf		45.0	-0.6350182414459996	Kirimer, N., Ozek, T., and Baser, K.H.C. 1991. Composition of the Essential Oil of <i>Micromeria congesta</i> . <i>J. Ess. Oil Res.</i> , 3: 387-393.
<i>Micromeria fruticosa</i>	Shoot		10.0	-0.8197589122210776	Fleisher, Z. and Fleisher, A. 1991. The Essential Oil of <i>Micromeria fruticosa</i> (L.) Druce subsp. <i>barbata</i> (Boiss et. Ky.), P.H. Davis. <i>Aromatic Plants of the Holy Land and the Sinai. Part VII. J. Ess. Oil Res</i> 3: 477-479.
<i>Micromeria myrtifolia</i>	Shoot		0.0	-0.8214588559624256	Ozek, T., Kirimer, N., and Baser, K.H.C. 1992. Composition of the Essential Oil of <i>Micromeria myrtifolia</i> Boiss. et Hohen. <i>J. Ess. Oil Res.</i> , 4: 79-80.
<i>Micromeria thymifolia</i>	Leaf		885.0	-0.5286242139909911	Kirimer, N., Ozek, T., and Baser, K.H.C. 1991. Composition of the Essential Oil of <i>Micromeria congesta</i> . <i>J. Ess. Oil Res.</i> , 3: 387-393.
<i>Micromeria congesta</i>	Leaf	165.0	170.0	-0.6191857968842424	Kirimer, N., Ozek, T., and Baser, K.H.C. 1991. Composition of the Essential Oil of <i>Micromeria congesta</i> . <i>J. Ess. Oil Res.</i> , 3: 387-393.
<i>Micromeria fruticosa</i>	Shoot		10.0	-0.8197589122210776	Fleisher, Z. and Fleisher, A. 1991. The Essential Oil of <i>Micromeria fruticosa</i> (L.) Druce subsp. <i>barbata</i> (Boiss et. Ky.), P.H. Davis. <i>Aromatic Plants of the Holy Land and the Sinai. Part VII. J. Ess. Oil Res</i> 3: 477-479.

Plant	Part	Low PPM	High PPM	StdDev	Reference
Micromeria juliana	Leaf		60.0	-0.6331183480985887	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	Leaf	1.0	6000.0	0.11923941747611409	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.
Minthostachys mollis	Shoot	130.0	265.0	-0.7764103468166994	Alkire, B.H., Tucker, A.O., and Maciarelo, M.J. 1994. Tipo (Minthostachys mollis (Lamiaceae): An Ecuadorian Mint. Econ. Bot. 48(1): 60-64.
Moldavica thymiflora	Plant		28.0	-0.5106171327880071	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Ocimum basilicum	Plant		1.0	-0.5150338999298373	Duke, J. A. Writeups or information summaries on approximately 2,000 economic plants, USDA, ARS, Beltsville, MD 20705.
Ocimum basilicum	Essential Oil				--
Pelargonium citrosum	Shoot		0.4	-0.8213908582127718	Matsuda, B. M., et al. 1996. Essential Oil Analysis and Field Evaluation of the Citrosa Plant 'Pelargonium citrosum' as a Repellent Against Populations of Aedes Mosquitoes. J. Am. Mosq. Contr. Assoc. 12(1):69-74.
Pelargonium graveolens	Essential Oil	8.0	38.0	-1.0	--
Pelargonium roseum	Shoot		612.0	-0.7174222989919183	--
Pycnanthemum pilosum	Leaf	950.0	15400.0	1.3098392485202568	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Pycnanthemum montanum	Shoot	371.0	640.0	-0.7126624565161435	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Pycnanthemum californicum	Shoot				Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Pycnanthemum virginianum	Shoot	25.0	14819.0	1.6976877743414123	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Pycnanthemum tenuifolium	Shoot	2.0	3660.0	-0.19927944662899924	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Pycnanthemum setosum</i>	Shoot	4800.0	7440.0	0.44329928760060505	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Pycnanthemum pilosum</i>	Flower	950.0	15400.0		Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Pycnanthemum incanum</i>	Shoot	3036.0	10127.0	0.9000741709008555	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Pycnanthemum verticillatum</i>	Shoot		4557.0	-0.046794493030069335	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Pycnanthemum beadleii</i>	Shoot		644.0	-0.7119824790196042	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Pycnanthemum pycnanthemoides</i>	Shoot	234.0	20242.0	2.619567265274519	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Pycnanthemum muticum</i>	Shoot	2320.0	11300.0	1.099477571760995	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Pycnanthemum clinopodioides</i>	Shoot	126.0	12826.0	1.358888986690724	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Pycnanthemum torreyi</i>	Shoot		8100.0	0.5554955745295836	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Pycnanthemum albescens</i>	Shoot	680.0	2295.0	-0.431321767323023	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Satureja parvifolia</i>	Shoot		305.0	-0.7696105718513068	Zygadlo, J.A., Merino, E.F., Maestri, D.M., Guzman, C.A. and Espinar, L.A. 1993. The Essential Oils of <i>Satureja odora</i> and <i>Satureja parvifolia</i> from Argentina. J. Ess. Oil Res. 5: 549-51.
<i>Satureja grandiflora</i>	Shoot		35.0	-0.8155090528677071	Carnat, A., Chossegros, A., and Lamaison, J. 1991. The Essential Oil of <i>Satureja grandiflora</i> (L.) Scheele from France. J. Ess. Oil Res., 3: 361-362
<i>Satureja glabella</i>	Plant		280.0	-0.4693939727975932	--
<i>Satureja douglasii</i>	Plant	26.0	1950.0	-0.1962087458769926	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Scutellaria galericulata</i>	Plant		62.0	-0.5050552778686657	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Thymus vulgaris</i>	Plant				Stitt, Paul. Why George should eat broccoli.