

Dr. Duke's Phytochemical and Ethnobotanical Databases

List of Plants for PULEGONE

Plant	Part	Low PPM	High PPM	StdDev	Reference
Acinos suaveolens	Essential Oil		332200.0	-0.2510262354309938	Jim Duke's personal files.
Acinos suaveolens	Shoot		690400.0	5.1748151065168315	Jim Duke's personal files.
Agastache urticifolia	Plant		1138.0	-0.5134848074190225	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Agastache pallidiflora	Leaf				Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Agathosma betulina	Leaf	1650.0	2750.0	-0.32792065886702804	--
Barosma betulina	Leaf	1650.0	2750.0	-0.32792065886702804	--
Calamintha nepeta	Plant		2760.0	-0.33433153688491557	J. Ethnopharmacology, 39: 167.
Calamintha nepeta	Leaf		3360.0	-0.24906042893028224	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.
Capsicum frutescens	Fruit				--
Capsicum annuum	Fruit				Chemical Constituents of Oriental Herbs (3 diff. books)
Dracocephalum thymiflora	Plant		280.0	-0.6082526903526005	--
Ephedra sinica	Shoot		7.0	-0.26896838500015907	--
Hedeoma pulegioides	Pollen Or Spore		823000.0		--
Hedeoma pulegioides	Leaf	17.0	50.0	-0.6769741356362308	--
Hedeoma pulegioides	Plant	3678.0	27600.0	2.409298080912381	--
Hedeoma pulegioides	Essential Oil				--
Hedeoma drummondii	Plant	5500.0	7240.0	0.16049377260509595	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Hedeoma pulegioides	Stem	0.5	3.8		--
Lycopus virginicus	Plant	10.0	24.0	-0.6365284223234583	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Mentha x rotundifolia	Leaf	580.0	9720.0	0.5731544274593956	--
Mentha pulegium	Plant	520.0	18800.0	1.4373197944141436	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
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 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	Essential Oil	1000.0	19000.0	-1.0797832656873603	--
Mentha x piperita	Leaf	3.0	4000.0	-0.16632182702943415	--
Mentha longifolia	Shoot	0.0	26600.0	-0.059281243922669244	--
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 pulegium	Shoot				--
Mentha aquatica	Shoot		0.1	-0.2690227918468267	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	1.0	475.0	-0.6220305328114489	Duke, J. A. Writeups or information summaries on approximately 2,000 economic plants, USDA, ARS, Beltsville, MD 20705.
Mentha arvensis var. piperascens	Plant	100.0	24960.0	2.11770459496291	--
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 pulegium	Essential Oil	300000.0	930000.0	1.3308095011183545	--
Mentha aquatica	Leaf	54.0	153.0	-0.6636583918928131	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Micromeria fruticosa	Leaf	13710.0	18780.0	1.7444227606182763	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 myrtifolia	Shoot		0.0	-0.2690235803518509	Ozek, T., Kirimer, N., and Baser, K.H.C. 1992. Composition of the Essential Oil of Micromeria myrtifolia Boiss. et Hohen. J. Ess. Oil Res., 4: 79-80.
Micromeria dalmatica	Leaf		625.0	-0.6026386729909377	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 croatica	Leaf		325.0	-0.6414223926319601	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		14890.0	-0.15161518225295934	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		6355.0	0.13813037215259277	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 congesta	Leaf	975.0	1185.0	-0.5302423963276957	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		14890.0	-0.15161518225295934	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		770.0	-0.5838932084977768	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.

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Minthostachys mollis</i>	Shoot	3.0	10.0	-0.26894472984943396	Alkire, B.H., Tucker, A.O., and Maciarelo, M.J. 1994. Tipo (<i>Minthostachys mollis</i> (Lamiaceae): An Ecuadorian Mint. Econ. Bot. 48(1): 60-64.
<i>Moldavica thymiflora</i>	Plant		280.0	-0.6082526903526005	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Monarda punctata</i>	Plant	10.0	267.0	-0.6096885673667457	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Monarda clinopodia</i>	Plant		121.0	-0.6258145707563755	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Monarda fistulosa</i>	Plant	12.0	257.0	-0.6107930881468573	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Monarda russeliana</i>	Plant		499.0	-0.5840636852681558	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Monarda didyma</i>	Plant	10.0	120.0	-0.6259250228343867	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Nepeta racemosa</i>	Shoot		0.0	-0.2690235803518509	Baser, K.H.C., Ozek, T., Akgul, A. and Tumen, G. 1993. Composition of the Essential Oil of <i>Nepeta racemosa</i> Lam. J. Ess. Oil Res. 5: 215-7.
<i>Nepeta cataria</i>	Plant				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.
<i>Nepeta racemosa</i>	Shoot		48.0	-0.26864509794024943	Baser, K.H.C., Ozek, T., Akgul, A. and Tumen, G. 1993. Composition of the Essential Oil of <i>Nepeta racemosa</i> Lam. J. Ess. Oil Res. 5: 215-7.
<i>Panax quinquefolius</i>	Root Essent. Oil		260500.0		--
<i>Perilla frutescens</i>	Leaf Essent. Oil		9000.0		Kang, R., Helms, R., Stout, M.J., Jaber, H., Chen, Z., and Nakatsu, T. 1992. Antimicrobial Activity of the Volatile Constituents of <i>Perilla frutescens</i> and Its Synergistic Effects with Polygodial. J. Agric. Food Chem., 40: 2328-2330.
<i>Pycnanthemum montanum</i>	Shoot	518.0	840.0	-0.2624001381488242	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Pycnanthemum clinopodioides</i>	Shoot	105.0	5984.0	-0.22183943970552666	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Pycnanthemum virginianum</i>	Shoot	102.0	19024.0	-0.1190183845537775	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Pycnanthemum tenuifolium</i>	Shoot	4.0	13440.0	-0.16304850510342223	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Pycnanthemum albescens</i>	Shoot	24.0	14283.0	-0.15640140774967035	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Pycnanthemum pilosum</i>	Leaf	2574.0	28000.0	2.936375744252369	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Pycnanthemum pilosum</i>	Flower	2574.0	28000.0		Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Pycnanthemum loomisii</i>	Shoot	33.0	84.0	-0.2683612361315483	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Pycnanthemum verticillatum</i>	Shoot		14595.0	-0.1539412720742604	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Pycnanthemum californicum</i>	Shoot		28836.0	-0.04165027158223127	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Pycnanthemum setosum</i>	Shoot	12740.0	19747.0	-0.11331749322902945	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Pycnanthemum muticum</i>	Shoot	17980.0	40250.0	0.04834969187651604	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Pycnanthemum incanum</i>	Shoot	3366.0	10336.0	-0.18752370105365457	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Pycnanthemum torreyi</i>	Shoot		820.0	-0.2625578391536581	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Pycnanthemum beadleii</i>	Shoot		3577.0	-0.2408187556372952	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Pycnanthemum pycnanthemoides</i>	Shoot	23088.0	34336.0	0.0017175047471107833	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Ribes nigrum</i>	Bud				--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Satureja grandiflora	Shoot		1075.0	-0.260547151342025	Carnat, A., Chossegros, A., and Lamaison, J. 1991. The Essential Oil of Satureja grandiflora (L.) Scheele from France. J. Ess. Oil Res., 3: 361-362
Satureja parvifolia	Shoot		180.0	-0.2676042713083452	Zygadlo, J.A., Merino, E.F., Maestri, D.M., Guzman, C.A. and Espinar, L.A. 1993. The Essential Oils of Satureja odora and Satureja parvifolia from Argentina. J. Ess. Oil Res. 5: 549-51.
Satureja cilicica	Shoot		7.0	-0.26896838500015907	Tumen, G. Baser, K.H.C. and Kirimer, N. 1993. The Essential Oil of Satureja cilicica P.H. Davis. J. Ess. Oil Res. 5: 547-548.
Satureja glabella	Plant		1550.0	-0.46797855127842314	--
Satureja odora	Shoot		1050.0	-0.26074427759806745	Zygadlo, J.A., Merino, E.F., Maestri, D.M., Guzman, C.A. and Espinar, L.A. 1993. The Essential Oils of Satureja odora and Satureja parvifolia from Argentina. J. Ess. Oil Res. 5: 549-51.
Satureja douglasii	Plant	1.0	6695.0	0.10029739008901196	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Teucrium polium	Plant				Rizk, A.F.M., The Phytochemistry of the Flora of Qatar, Scientific and Applied Research Centre, University of Qatar, Kingprint, Richmond, UK, 1986.
Vaccinium corymbosum	Plant				--