

Dr. Duke's Phytochemical and Ethnobotanical Databases

List of Plants for GERANYL-ACETATE

Plant	Part	Low PPM	High PPM	StdDev	Reference
Thymus vulgaris	Plant	0.0	3380.0	3.505632505880159	--
Bursera delpechiana	Wood	875.0	3000.0		--
Cymbopogon parkeri	Plant	214.0	1589.0	1.347341714203506	Rizk, A.F.M., The Phytochemistry of the Flora of Qatar, Scientific and Applied Research Centre, University of Qatar, Kingprint, Richmond, UK, 1986.
Pycnanthemum pycnanthemoides	Shoot	1053.0	1566.0	2.8361527325892792	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Elettaria cardamomum	Fruit	525.0	1500.0	1.586814525845496	Duke, J. A. and duCellier, J. L. 1993. CRC Handbook of Alternative Cash Crops. CRC Press. Boca Raton, FL 33431. 536 pp. US \$312.50.
Thymus longicaulis	Shoot		1315.0	2.2973307690843283	Baser, K.H.C., Ozek, T., Kirimer, N. and Tumen, G. 1993. The Occurrence of Three Chemotypes of Thymus longicaulis C. Presl subsp. longicaulis in the same Population. J. Ess. Oil Res. 5: 291-5.
Thymus longicaulis	Shoot		1315.0	2.2973307690843283	Baser, K.H.C., Ozek, T., Kirimer, N. and Tumen, G. 1993. The Occurrence of Three Chemotypes of Thymus longicaulis C. Presl subsp. longicaulis in the same Population. J. Ess. Oil Res. 5: 291-5.
Salvia sclarea	Plant	20.0	1150.0	0.8183134296998488	Flavour and Fragrance Journal, 6: 154.
Coriandrum sativum	Fruit	52.0	988.0	0.7226725134299015	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Elsholtzia blanda	Shoot		930.0	1.4708508649034275	Bestman, H.J., Rauscher, J., Vostrowsky O., Pant, A.K., Dev. V., Perihar, R. and Mathela, C.S. 1992. Constituents of the Essential Oil of Elsholtzia blanda Benth. (Labiatae). J. Ess. Oils Res. 4: 121-124
Cymbopogon nardus	Plant	188.0	750.0	0.33628310213387375	List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Cinnamomum camphora	Leaf	0.0	600.0	2.2142631472159238	--
Cymbopogon winterianus	Plant	120.0	556.0	0.10249839326437592	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Hypericum perforatum	Plant	24.0	432.0	-0.046931008281076325	--
Cistus ladaniferus	Leaf	6.0	420.0	1.2281540533140953	--
Citrus limon	Essential Oil	12.0	310.0		Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Citrus aurantiifolia	Fruit	30.0	310.0	-0.4216405420735619	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Pimenta racemosa	Leaf	80.0	270.0	0.4063964750625717	--
Daucus carota	Shoot		265.0	0.0432946667727803	--
Citrus aurantium	Leaf		261.0	0.3570910203674803	Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.
Myrtus communis	Leaf	8.0	250.0	0.29682879796236855	--
Micromeria juliana	Leaf		200.0	0.02290960521186069	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.
Myristica fragrans	Seed	20.0	160.0		Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Melissa officinalis	Shoot	0.3	155.0	-0.1928424487074771	--
Nepeta racemosa	Shoot		145.0	-0.2143094592056823	Baser, K.H.C., Ozek, T., Akgul, A. and Tumen, G. 1993. Composition of the Essential Oil of Nepeta racemosa Lam. J. Ess. Oil Res. 5: 215-7.
Nepeta racemosa	Shoot		145.0	-0.2143094592056823	Baser, K.H.C., Ozek, T., Akgul, A. and Tumen, G. 1993. Composition of the Essential Oil of Nepeta racemosa Lam. J. Ess. Oil Res. 5: 215-7.
Aloysia citrodora	Plant	15.0	126.0	-0.41568420886904717	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Origanum majorana	Plant	12.0	120.0	-0.4229146637825368	--
Thymus x citriodorus	Plant		100.0	-0.44701618016083555	Stahl-Biskup, E. and Holthuijzen, J. 1995. Essential oil and glycosidally bound volatiles of lemon-scented thyme, Thymus x citriodorus (Pers.) Schreb. Flav. & Fragr. J. 10: 225-229.

Plant	Part	Low PPM	High PPM	StdDev	Reference
Origanum vulgare	Plant	1.0	96.0	-0.4518364834364953	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Telosma cordata	Flower		93.0	1.0	K. Furukawa, T. Arai, S. Hashimoto, (1993); Volatile components of <i>Telosma cordata</i> Merrill flowers, <i>Flavour Fragr. J.</i> , Vol 8, 221-223.
Ocimum basilicum	Leaf	11.0	84.0	-0.6125829219693176	Duke, J. A. Writeups or information summaries on approximately 2,000 economic plants, USDA, ARS, Beltsville, MD 20705.
Lavandula x intermedia	Plant	21.0	72.0	-0.4807583030904538	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Plectranthus coleoides	Shoot		65.0	-0.38604554319132406	Buchbauer, G., Jorovetz, L., Wasicky, M. and Nikiforov, A. 1993. Volatile Constituents of the Headspace and Essential Oil of <i>Plectranthus coleoides</i> Marginatus (Labiatae). <i>J. Ess. Oil Res.</i> 5: 311-313.
Artemisia salsoloides	Shoot		50.0	-0.41824605893863187	V. Kaul, P. Weyerstahl, H. Wahlberg, H. Marschall, (1992); Volatile constituents of the essential oil and the absolute of <i>Aremisia salsoloides</i> Willd. from Ladakh, <i>Flavour and Fragrance journal</i> , Vol.7, 299-305.
Mentha longifolia	Shoot	1.0	45.0	-0.4289795641877345	Fleisher, Z. and Fleisher, A. 1991. The Essential Oils from <i>Mentha longifolia</i> Growing in Sinai and Israel. <i>J. Ess. Oil Res.</i> , 3: 57.
Achillea millefolium	Plant		36.0	-0.5241410325713916	--
Litsea glaucescens	Shoot	20.0	30.0	-0.46118007993504234	Tucker, et al, EB46(1):21-24.1992
Thymus zygis	Shoot		28.0	-0.46547348203468336	Jimenez, J., Navarro, M.C., Montilla, M.P., Martin, A. and Martinez, A. 1993. <i>Thymus zygis</i> Oil: Its Effects on CCl4-Induced Hepatotoxicity and Free Radical Scavenger Activity. <i>JEO5</i> : 153-8.
Origanum vulgare	Plant		25.0	-0.5373968665794558	Sezik, E., Tumen, G., Kirimer, N., Ozek, T., and Baser, K.H.C. 1993. Essential Oil Composition of Four <i>Origanum vulgare</i> Subspecies of Anatolian Origin. <i>J. Ess. Oil Res.</i> , 5: 425-431.
Micromeria varia	Shoot		24.0	-0.47406028623396546	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Elsholtzia polystachya	Leaf		23.0	-0.9467643371249371	Mathela, C.S., Melkani, A.B., Bisht, J.C., Pant, A.K., Bestmann, H.J., Erler, J., Kobold, U., Rauscher, J. and Vostrowsky, O. 1992. Chemical Varieties of Essential Oils from Elsholtzia polystachya from Two Different Locations in India. Planta Medica 58: 376-379.
Elsholtzia polystachya	Leaf		23.0	-0.9467643371249371	Mathela, C.S., Melkani, A.B., Bisht, J.C., Pant, A.K., Bestmann, H.J., Erler, J., Kobold, U., Rauscher, J. and Vostrowsky, O. 1992. Chemical Varieties of Essential Oils from Elsholtzia polystachya from Two Different Locations in India. Planta Medica 58: 376-379.
Origanum syriacum	Shoot		15.0	-0.49338059568235015	Fleisher, A. & Fleisher, Z. 1991. Chemical Composition of Origanum syriacum L. Essential Oil. J. Ess. Oil Res. 3: 121-123.
Origanum syriacum	Shoot		15.0	-0.49338059568235015	Fleisher, A. & Fleisher, Z. 1991. Chemical Composition of Origanum syriacum L. Essential Oil. J. Ess. Oil Res. 3: 121-123.
Monarda didyma	Leaf	7.0	13.0	-1.0015481756750388	--
Citrus limon	Petiole		12.0		--
Myrtus communis	Plant	8.0	12.0	-0.55306285222535	--
Origanum vulgare	Plant		11.0	-0.554267928044265	Sezik, E., Tumen, G., Kirimer, N., Ozek, T., and Baser, K.H.C. 1993. Essential Oil Composition of Four Origanum vulgare Subspecies of Anatolian Origin. J. Ess. Oil Res., 5: 425-431.
Citrus paradisi	Leaf		10.0	-1.0179833272400691	--
Thymus mastichina	Plant		10.0	-0.5554730038631799	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Origanum vulgare	Plant		7.0	-0.5590882313199247	Sezik, E., Tumen, G., Kirimer, N., Ozek, T., and Baser, K.H.C. 1993. Essential Oil Composition of Four Origanum vulgare Subspecies of Anatolian Origin. J. Ess. Oil Res., 5: 425-431.

Plant	Part	Low PPM	High PPM	StdDev	Reference
Pelargonium citrosum	Shoot		7.0	-0.5105542040809143	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.
Lepechinia calycina	Plant		5.0	-0.5614983829577546	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Citrus paradisi	Pericarp		5.0		--
Monarda didyma	Flower		4.0	-1.0	Flavour and Fragrance Journal, 6: 80.
Sideritis pauli	Shoot		3.0	-0.5191410082801964	Burzaco, A., Velasco-Negueruela, A. and Perez-Alonso, M.J. 1992. Essential Oil Analysis of Sideritis pauli Pau. FFJ7: 47-8. 1992.
Salvia dorisiana	Shoot	2.6	2.8	-0.5195703484901605	Tucker, A.O. & Maciarelo, M.J. 1994. The Essential Oil of Salvia dorisiana Standley. J. Ess. Oil Res. 6: 97-8.
Citrus mitis	Fruit Juice		2.5		--
Citrus mitis	Jf		2.5		--
Citrus reticulata	Fruit	0.7	1.0	-0.9431637487853173	--
Citrus sinensis	Fruit	0.0	0.1	-0.9446827484165164	--
Origanum syriacum	Shoot		0.0	-0.525581111429658	Fleisher, A. & Fleisher, Z. 1991. Chemical Composition of Origanum syriacum L. Essential Oil. J. Ess. Oil Res. 3: 121-123.
Thymus funkii	Shoot		0.0	-0.525581111429658	Vila, R., et al. 1995. Composition and study of the variability of the essential oil of Thymus funkii Cousson. Flav. & Fragr. J. 10(6): 379-383.
Thymus funkii	Shoot		0.0	-0.525581111429658	Vila, R., et al. 1995. Composition and study of the variability of the essential oil of Thymus funkii Cousson. Flav. & Fragr. J. 10(6): 379-383.
Thymus capitatus	Shoot		0.0	-0.525581111429658	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.

Plant	Part	Low PPM	High PPM	StdDev	Reference
Micromeria varia	Shoot		0.0	-0.525581111429658	Pedro, L.G., et al. 1995. Composition of the Essential oil of <i>Micromeria varia</i> Benth. ssp. <i>thymoides</i> (Sol. ex Lowe) Perez var. <i>thymoides</i> , and endemic species of the Madeira Archipelago. <i>flav. &amp; Fragr. J.</i> 10(3): 199-202.
Thymus longicaulis	Shoot		0.0	-0.525581111429658	Baser, K.H.C., Ozek, T., Kirimer, N. and Tumen, G. 1993. The Occurrence of Three Chemotypes of <i>Thymus longicaulis</i> C. Presl subsp. <i>longicaulis</i> in the same Population. <i>J. Ess. Oil Res.</i> 5: 291-5.
Zingiber officinale	Rhizome				--
Citrullus colocynthis	Petiole				--
Satureja montana	Plant				CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Melia azedarach	Wood				--
Thymus serpyllum	Plant				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Citrus aurantium	Fruit				Chemical Constituents of Oriental Herbs (3 diff. books)
Polianthes tuberosa	Flower				--
Citrus medica	Pericarp				--
Magnolia denudata	Bark				--
Magnolia denudata	Bulb				--
Magnolia denudata	Flower				--
Magnolia denudata	Leaf				--
Magnolia denudata	Twig				--
Cinnamomum verum	Bark				Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Psoralea corylifolia</i>	Seed				=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
<i>Juniperus communis</i>	Fruit				--
<i>Ocimum canum</i>	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
<i>Humulus lupulus</i>	Essential Oil				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
<i>Pelargonium graveolens</i>	Essential Oil				--
<i>Acacia farnesiana</i>	Flower				Leung, A.Y., Encyclopedia of Common Natural Ingredients Used in Food, Drugs, and Cosmetics, John Wiley & Sons, New York, 1980.
<i>Citrus paradisi</i>	Fruit				Guenther, E., The Essential Oils, 6 volumes, D. van Nostrand, New York, 1948-1952.
<i>Cananga odorata</i>	Flower				--
<i>Cymbopogon citratus</i>	Plant				Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Pimenta dioica</i>	Plant				--
<i>Lavandula latifolia</i>	Plant				Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Piper nigrum</i>	Fruit				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
<i>Zingiber officinale</i>	Rhizome Essent. Oil				--

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Cymbopogon martinii</i>	Plant				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
<i>Ficus carica</i>	Leaf				Blaschek, W., Hansel, R., Keller, K., Reichling, J., Rimpler, H., and Schneider, G. eds. 1998. Hager's Handbuch der Pharmazeutischen Praxis, Auflage Band 2 (A-K), 909 pp., (L-Z), 858 pp. Springer-Verlag, Berlin.
<i>Satureja hortensis</i>	Plant				--
<i>Apium graveolens</i>	Leaf				Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Tilia</i> sp.	Flower				--
<i>Laurus nobilis</i>	Leaf				Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Rosa damascena</i>	Essential Oil				--