

Dr. Duke's Phytochemical and Ethnobotanical Databases

List of Plants for ALPHA-TERPINYL-ACETATE

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Elettaria cardamomum</i>	Fruit	1050.0	50000.0	1.4142077668473696	--
<i>Laurus nobilis</i>	Leaf	540.0	4000.0	1.7299987299076585	--
<i>Umbellularia californica</i>	Plant	240.0	960.0	2.3234044359987225	--
<i>Syzygium aromaticum</i>	Fruit	155.0	170.0	-0.7035975831753031	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Syzygium aromaticum</i>	Flower	155.0	170.0		--
<i>Litsea glaucescens</i>	Shoot	130.0	185.0	-0.2176498656521049	Tucker, et al, EB46(1):21-24.1992
<i>Myrtus communis</i>	Plant	58.0	88.0	-0.42016529961533833	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Citrus aurantium</i>	Leaf	20.0	229.0	-0.5009027543729487	--
<i>Citrus reticulata</i>	Fruit	1.0	5.0	-0.7106101836720669	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Salvia sclarea</i>	Plant	1.0	155.0	-0.2093634965349002	Flavour and Fragrance Journal, 6: 154.
<i>Lavandula latifolia</i>	Plant	1.0	35.0	-0.58691896473867	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Thymus zygis</i>	Shoot	0.1	295.0	-0.18212776397513564	De Cunha, A.P. and Salguiero, L.R. 1991. The Chemical Polymorphism of <i>Thymus zygis</i> ssp. <i>sylvestris</i> from Central Portugal. J. Ess. Oil Res. 3: 409-12.
<i>Hypericum perforatum</i>	Plant	0.1	1.8	-0.6913759776083797	--
<i>Cinnamomum camphora</i>	Leaf	0.0	72.0	-0.5937830336177261	--
<i>Vitex agnus-castus</i>	Fruit				--
<i>Eucalyptus polyanthemos</i>	Shoot		3.0	-0.2764227975176359	Zrira, S. S., Benjilali, B. B., Fechtal, M. M., & Richard, H. H. 1991. Essential Oils of Twenty-seven Eucalyptus Species Grown in Morocco. Journal of Essential Oil Res. 4: 259-264.
<i>Vitex agnus-castus</i>	Flower				--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Vitex agnus-castus	Leaf		1.8	-0.6353129419169833	Ekundayo, O., Laakso, I., Holopainen, M., Hiltunen, R., Oguntimein, B., and Kauppinen, V. 1990. The Chemical Composition and Antimicrobial Activity of the Leaf Oil of <i>Vitex agnus-castus</i> L. J. Essential Oil Research, 2: 115-119.
Teucrium salviastrum	Shoot				Velasco-Negueruela, A. and Perez-Alonso, M.J. 1990. The Volatiles of Six <i>Teucrium</i> Species from the Iberian Peninsula and the Balearic Islands. <i>Phytochemistry</i> 29(4): 1165-9.
Juniperus communis	Fruit				--
Hibiscus sabdariffa	Fruit				Chemical Constituents of Oriental Herbs (3 diff. books)
Hibiscus sabdariffa	Leaf				Chemical Constituents of Oriental Herbs (3 diff. books)
Hibiscus sabdariffa	Seed				Chemical Constituents of Oriental Herbs (3 diff. books)
Eucalyptus punctata	Shoot		0.1	-0.2773592892891196	Zrira, S. S., Benjilali, B. B., Fechtal, M. M., & Richard, H. H. 1991. Essential Oils of Twenty-seven <i>Eucalyptus</i> Species Grown in Morocco. <i>Journal of Essential Oil Res.</i> 4: 259-264.
Eucalyptus maculata	Shoot		0.1	-0.2773592892891196	Zrira, S. S., Benjilali, B. B., Fechtal, M. M., & Richard, H. H. 1991. Essential Oils of Twenty-seven <i>Eucalyptus</i> Species Grown in Morocco. <i>Journal of Essential Oil Res.</i> 4: 259-264.
Isanthus brachiatus	Plant		1.0	-0.6938930140630715	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Eucalyptus albens	Shoot		0.1	-0.2773592892891196	Zrira, S. S., Benjilali, B. B., Fechtal, M. M., & Richard, H. H. 1991. Essential Oils of Twenty-seven <i>Eucalyptus</i> Species Grown in Morocco. <i>Journal of Essential Oil Res.</i> 4: 259-264.
Eucalyptus camaldulensis	Shoot		0.1	-0.2773592892891196	Zrira, S. S., Benjilali, B. B., Fechtal, M. M., & Richard, H. H. 1991. Essential Oils of Twenty-seven <i>Eucalyptus</i> Species Grown in Morocco. <i>Journal of Essential Oil Res.</i> 4: 259-264.

Plant	Part	Low PPM	High PPM	StdDev	Reference
Tagetes lucida	Shoot		30.0	-0.2677037361969252	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.
Eucalyptus saligna	Shoot		27.0	-0.2686725207881153	Zrira, S. S., Benjilali, B. B., Fechtal, M. M., & Richard, H. H. 1991. Essential Oils of Twenty-seven Eucalyptus Species Grown in Morocco. Journal of Essential Oil Res. 4: 259-264.
Teucrium scorodonia	Shoot				Velasco-Negueruela, A. and Perez-Alonso, M.J. 1990. The Volatiles of Six Teucrium Species from the Iberian Peninsula and the Balearic Islands. Phytochemistry 29(4): 1165-9.
Eucalyptus maideni	Shoot		0.1	-0.2773592892891196	Zrira, S. S., Benjilali, B. B., Fechtal, M. M., & Richard, H. H. 1991. Essential Oils of Twenty-seven Eucalyptus Species Grown in Morocco. Journal of Essential Oil Res. 4: 259-264.
Ocimum basilicum	Plant				--
Thymus zygis	Shoot		20.0	-0.2709330181675588	Jimenez, J., Navarro, M.C., Montilla, M.P., Martin, A. and Martinez, A. 1993. Thymus zygis Oil: Its Effects on CCl4-Induced Hepatotoxicity and Free Radical Scavenger Activity. JEO5: 153-8.
Apium graveolens	Leaf				Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Origanum majorana	Essential Oil				--
Eucalyptus siderophloia	Shoot		570.0	-0.09332250978271245	Zrira, S. S., Benjilali, B. B., Fechtal, M. M., & Richard, H. H. 1991. Essential Oils of Twenty-seven Eucalyptus Species Grown in Morocco. Journal of Essential Oil Res. 4: 259-264.
Eucalyptus melliodora	Shoot		0.1	-0.2773592892891196	Zrira, S. S., Benjilali, B. B., Fechtal, M. M., & Richard, H. H. 1991. Essential Oils of Twenty-seven Eucalyptus Species Grown in Morocco. Journal of Essential Oil Res. 4: 259-264.

Plant	Part	Low PPM	High PPM	StdDev	Reference
Teucrium oxylepis	Shoot		0.14	-0.27734637216123714	Velasco-Negueruela, A. and Perez-Alonso, M.J. 1990. The Volatiles of Six Teucrium Species from the Iberian Peninsula and the Balearic Islands. Phytochemistry 29(4): 1165-9.
Ferula gummosa	Plant				--
Teucrium asiaticum	Shoot		0.1	-0.2773592892891196	Velasco-Negueruela, A. and Perez-Alonso, M.J. 1990. The Volatiles of Six Teucrium Species from the Iberian Peninsula and the Balearic Islands. Phytochemistry 29(4): 1165-9.
Eucalyptus sideroxylon	Shoot		50.0	-0.2612451722556581	Zrira, S. S., Benjilali, B. B., Fechtal, M. M., & Richard, H. H. 1991. Essential Oils of Twenty-seven Eucalyptus Species Grown in Morocco. Journal of Essential Oil Res. 4: 259-264.
Levisticum officinale	Leaf				Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
Eucalyptus moluccana	Shoot		570.0	-0.09332250978271245	Zrira, S. S., Benjilali, B. B., Fechtal, M. M., & Richard, H. H. 1991. Essential Oils of Twenty-seven Eucalyptus Species Grown in Morocco. Journal of Essential Oil Res. 4: 259-264.
Citrus limon	Petiole		0.1		--
Eucalyptus citriodora	Shoot		190.0	-0.21603522466678812	Zrira, S. S., Benjilali, B. B., Fechtal, M. M., & Richard, H. H. 1991. Essential Oils of Twenty-seven Eucalyptus Species Grown in Morocco. Journal of Essential Oil Res. 4: 259-264.
Nepeta racemosa	Shoot		0.0	-0.277391582108826	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		310.0	-0.17728384101918526	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.
Eucalyptus occidentalis	Shoot		0.1	-0.2773592892891196	Zrira, S. S., Benjilali, B. B., Fechtal, M. M., & Richard, H. H. 1991. Essential Oils of Twenty-seven Eucalyptus Species Grown in Morocco. Journal of Essential Oil Res. 4: 259-264.

Plant	Part	Low PPM	High PPM	StdDev	Reference
Eucalyptus astringens	Shoot		15.0	-0.2725476591528756	Zrira, S. S., Benjilali, B. B., Fechtal, M. M., & Richard, H. H. 1991. Essential Oils of Twenty-seven Eucalyptus Species Grown in Morocco. Journal of Essential Oil Res. 4: 259-264.
Thymus longicaulis	Shoot		13950.0	4.227456766925004	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.
Teucrium oxylepis	Shoot		0.06	-0.27737220641700217	Velasco-Negueruela, A. and Perez-Alonso, M.J. 1990. The Volatiles of Six Teucrium Species from the Iberian Peninsula and the Balearic Islands. Phytochemistry 29(4): 1165-9.
Thymus longicaulis	Shoot		13950.0	4.227456766925004	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		0.0	-0.277391582108826	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.
Hibiscus sabdariffa	Calyx				--
Artemisia salsoloides	Shoot		500.0	-0.11592748357714744	V. Kaul, P. Weyerstahl, H. Wahlberg, H. Marschall, (1992); Volatile constituents of the essential oil and the absolute of Artemisia salsoloides Willd. from Ladakh, Flavour and Fragrance journal, Vol.7, 299-305.
Eucalyptus cladocalyx	Shoot		22.0	-0.2702871617734321	Zrira, S. S., Benjilali, B. B., Fechtal, M. M., & Richard, H. H. 1991. Essential Oils of Twenty-seven Eucalyptus Species Grown in Morocco. Journal of Essential Oil Res. 4: 259-264.
Eucalyptus globulus	Shoot		570.0	-0.09332250978271245	Zrira, S. S., Benjilali, B. B., Fechtal, M. M., & Richard, H. H. 1991. Essential Oils of Twenty-seven Eucalyptus Species Grown in Morocco. Journal of Essential Oil Res. 4: 259-264.

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<i>Eucalyptus blakelyi</i>	Shoot		0.1	-0.2773592892891196	Zrira, S. S., Benjilali, B. B., Fechtal, M. M., & Richard, H. H. 1991. Essential Oils of Twenty-seven Eucalyptus Species Grown in Morocco. Journal of Essential Oil Res. 4: 259-264.
<i>Eucalyptus oviformis</i>	Shoot		0.1	-0.2773592892891196	Zrira, S. S., Benjilali, B. B., Fechtal, M. M., & Richard, H. H. 1991. Essential Oils of Twenty-seven Eucalyptus Species Grown in Morocco. Journal of Essential Oil Res. 4: 259-264.
<i>Eucalyptus botryoides</i>	Shoot		19.0	-0.2712559463646222	Zrira, S. S., Benjilali, B. B., Fechtal, M. M., & Richard, H. H. 1991. Essential Oils of Twenty-seven Eucalyptus Species Grown in Morocco. Journal of Essential Oil Res. 4: 259-264.
<i>Elettaria cardamomum</i>	Seed Essent. Oil				--
<i>Teucrium pseudoscorodonia</i>	Shoot		0.06	-0.27737220641700217	Velasco-Negueruela, A. and Perez-Alonso, M.J. 1990. The Volatiles of Six Teucrium Species from the Iberian Peninsula and the Balearic Islands. Phytochemistry 29(4): 1165-9.
<i>Thymus mastichina</i>	Plant		310.0	0.27831231656163585	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Eucalyptus dealbata</i>	Shoot		0.1	-0.2773592892891196	Zrira, S. S., Benjilali, B. B., Fechtal, M. M., & Richard, H. H. 1991. Essential Oils of Twenty-seven Eucalyptus Species Grown in Morocco. Journal of Essential Oil Res. 4: 259-264.
<i>Lavandula x intermedia</i>	Plant				Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Elsholtzia pilosa</i>	Shoot		44.0	-0.2631827414380382	--
<i>Eucalyptus tereticornis</i>	Shoot		0.1	-0.2773592892891196	Zrira, S. S., Benjilali, B. B., Fechtal, M. M., & Richard, H. H. 1991. Essential Oils of Twenty-seven Eucalyptus Species Grown in Morocco. Journal of Essential Oil Res. 4: 259-264.
<i>Satureja montana</i>	Plant				CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses

Plant	Part	Low PPM	High PPM	StdDev	Reference
Eucalyptus bosistoana	Shoot		0.1	-0.2773592892891196	Zrira, S. S., Benjilali, B. B., Fechtal, M. M., & Richard, H. H. 1991. Essential Oils of Twenty-seven Eucalyptus Species Grown in Morocco. Journal of Essential Oil Res. 4: 259-264.
Origanum majorana	Plant				Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Boswellia sacra	Essential Oil				Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Eucalyptus diversicolor	Shoot		1320.0	0.1488736380148053	Zrira, S. S., Benjilali, B. B., Fechtal, M. M., & Richard, H. H. 1991. Essential Oils of Twenty-seven Eucalyptus Species Grown in Morocco. Journal of Essential Oil Res. 4: 259-264.