

List of Plants

LIMONENE

Chemid

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Dosage

MLD=5,000 mg/kg (orl hmn) Neuwinger, H. D. 1996. African Ethnobotany - Poisons and Drugs. Chapman & Hall, New York. 941 pp.

LD50=4,600 mg/kg (orl rat)?

LD50=5,000 mg/kg (orl rat)

*Unless otherwise noted all references are to Duke, James A. 1992. Handbook of phytochemical constituents of GRAS herbs and other economic plants. Boca Raton, FL. CRC Press.

Plant	Part	Low PPM	High PPM	StdDev	*Reference
Abies alba	Resin, Exudate, Sap	--	--		*
Abies alba	Leaf	855.0	1197.0	0.81	*
Abies spectabilis	Leaf	115.0	305.0	-0.13	*
Abies balsamea	Plant	720.0	1550.0	0.47	*
Achillea millefolium	Leaf	1.0	170.0	-0.27	*
Acinos suaveolens	Shoot	--	3700.0	1.56	Jim Duke's personal files.
Acorus calamus	Rhizome	10.0	1400.0	1.28	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Aeolanthus myriantha	Flower	--	--		Wealth of India.
Aesculus hippocastanum	Flower Essent. Oil	--	42000.0	-1.41	Jim Duke's personal files.
Agastache nepetoides	Plant	--	2.0	-0.48	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Agastache rugosa	Essential Oil	--	--		Jim Duke's personal files.
Agastache foeniculum	Plant	2.0	25.0	-0.47	*
Agastache urticifolia	Plant	--	2464.0	1.03	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Agathosma betulina	Leaf Essent. Oil	--	--		*
Ageratum conyzoides	Shoot	--	340.0	-0.16	R. Vera, (1993); Chemical composition of the essential oil Ageratum conyzoides L. (Asteraceae) from Reunion, Flavour Fragr. J., Vol.8, 257-260.
Aloysia citrodora	Plant	42.0	1050.0	0.16	*
Alpinia galanga	Rhizome Essent. Oil	--	3500.0	-0.64	*
Alpinia galanga	Rhizome	1.0	165.0	-0.9	*
Alpinia galanga	Leaf	--	50.0	-0.4	*
Alpinia galanga	Leaf Essent. Oil	--	0.4	-0.68	*
Alpinia officinarum	Rhizome	--	--		Wealth of India.
Amomum compactum	Seed	--	--		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.
Anacardium occidentale	Fruit	--	--		*
Anethum graveolens	Leaf Essent. Oil	--	214300.0	0.27	*

Anethum graveolens	Root Essent. Oil	--	--		*
Anethum graveolens	Shoot Essent. Oil	--	119200.0	0.31	*
Anethum graveolens	Leaf	125.0	3735.0	3.48	*
Anethum graveolens	Plant	--	--		*
Anethum graveolens	Seed Essent. Oil	--	--		*
Anethum graveolens	Essential Oil	467000.0	628800.0	2.88	*
Angelica archangelica	Root	--	1320.0	1.73	*
Angelica archangelica	Root Essent. Oil	--	227000.0	1.52	*
Aniba rosaeodora	Essential Oil	--	--		*
Annona squamosa	Plant	--	--		*
Apium graveolens	Essential Oil	--	--		*
Apium graveolens	Root Essent. Oil	--	117000.0	0.27	*
Apium graveolens	Leaf Essent. Oil	--	621000.0	2.07	*
Apium graveolens	Seed	530.0	24000.0	0.96	*
Apium graveolens	Fruit Essent. Oil	350000.0	706000.0	0.57	*
Apium graveolens	Seed Essent. Oil	350000.0	721600.0	2.14	*
Apium graveolens	Et	--	695000.0	1.0	*
Apium graveolens	Stem Essent. Oil	--	695000.0		*
Armoracia rusticana	Plant	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Artemisia dracunculus	Root Essent. Oil	--	--		*
Artemisia annua	Shoot	2.0	80.0	-0.29	Wright,C.W.(Ed)2002.Medicinal&Aromatic Plants-Industrial Profiles.Artemisia.344pp.Maffei,M.(Ed)2002.Vetiveria.The Genus Vetiveria.Taylor&Francis.NY,NY.191pp.Southwell,I.,Lowe,R.(Eds)1999.Tea Tree.The Genus Melaleuca.Harwood Acad.Pub.Amsterdam,Netherlands.
Artemisia annua	Plant	--	1200.0	0.25	Wright,C.W.(Ed)2002.Medicinal&Aromatic Plants-Industrial Profiles.Artemisia.344pp.Maffei,M.(Ed)2002.Vetiveria.The Genus Vetiveria.Taylor&Francis.NY,NY.191pp.Southwell,I.,Lowe,R.(Eds)1999.Tea Tree.The Genus Melaleuca.Harwood Acad.Pub.Amsterdam,Netherlands.
Artemisia dracunculus	Essential Oil	--	--		*
Artemisia dracunculus	Shoot	25.0	270.0	-0.19	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 sieboldii	Root	--	--		*
Asimina triloba	Fruit	0.027	0.548	-0.75	*
Aspalathus linearis	Leaf Essent. Oil	--	--		*
Avena sativa	Seed	--	--		*
Bidens pilosa	Leaf Essent. Oil	--	100000.0	-0.24	Jim Duke's personal files.
Boswellia sacra	Resin, Exudate, Sap	--	78200.0		Chiavari, G., Gtalletti, G. C., Piccaglia, R., Mohamud, M. A. 1991. Differentiation Between Resins Boswellia carterii and Boswellia frereana (Frankincense) of Somali Origin. J. Essent. Oil Res. 3 (3):185-186.
Boswellia sacra	Resin Essent. Oil	--	1.7		Abdel Wahab, S. M., Aboutabl, E. A., El-Zalabani, S. M., Fouad, H. A., De Pooter, H. L., El-Fallaha, B. 1987. The Essential Oil of Olibanum. Plant Med. 53 (4): 382-384.
Boswellia serrata	Essential Oil	--	--		*

Boswellia sacra	Essential Oil	--	128000.0	-0.0	*
Bursera delpechiana	Wood	75.0	360.0		*
Calamintha nepeta	Leaf	--	80.0	-0.36	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.
Calamintha nepeta	Shoot	--	585.0	-0.03	Kirimer, N., Baser, K.H.C., Ozek, T. and Kurkcuoglu, M. 1992. Composition of the Essential Oil of Calamintha nepeta subsp. glandulosa. J. Ess. Oil Res. 4:189-190
Callicarpa americana	Leaf	--	4.0	-0.44	*
Camellia sinensis	Leaf	--	--		*
Canarium indicum	Essential Oil	54100.0	135250.0	0.04	*
Capsicum frutescens	Fruit	--	--		*
Capsicum annuum	Fruit	--	--		*
Carthamus tinctorius	Leaf	--	0.01	-0.45	*
Carthamus tinctorius	Bud	--	0.01		*
Carum carvi	Fruit	7860.0	30180.0	3.58	*
Carum carvi	Essential Oil	250000.0	500000.0	2.14	*
Carum carvi	Seed	3000.0	42000.0	2.25	*
Carum carvi	Plant	--	420.0	-0.23	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Carum carvi	Seed Essent. Oil	--	381600.0	0.72	*
Centella asiatica	Shoot	--	--		Jim Duke's personal files.
Chamaemelum nobile	Plant	--	--		*
Chenopodium ambrosioides	Plant	--	--		*
Chrysanthemum parthenium	Shoot	--	--		Hendriks, H., Bos, R., and Woerdenbag, H. J. 1996. The Essential Oil of Tanacetum parthenium (L.) Schultz-Bip. Flavor and Fragrance Journal 11(6): 367-71.
Chrysanthemum balsamita	Plant	--	--		*
Cinnamomum verum	Bark	46.0	184.0	-1.0	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Cinnamomum verum	Root Bark	--	--		*
Cinnamomum verum	Stem Bark	--	--		*
Cinnamomum aromaticum	Bark	--	--		Bisset, N.G., ed. 1994. Herbal Drugs and Phytopharmaceuticals. CRC Press. Boca Raton, FL. 566 pp.
Cinnamomum camphora	Leaf	48.0	120.0	-0.32	*
Cinnamomum verum	Bark Essent. Oil	--	--		*
Cinnamomum verum	Leaf Essent. Oil	--	--		*
Cistus ladaniferus	Leaf	17.0	1190.0	0.8	*
Citrullus colocynthis	Petiole	--	--		*
Citrus limon	Petiole	--	3090.0		*
Citrus sinensis	Fruit Juice	1.0	278.0		*
Citrus paradisi	Leaf	--	205.0	-0.23	*
Citrus limon	Leaf Essent. Oil	284000.0	754000.0	2.65	*
Citrus aurantiifolia	Fruit	4700.0	7500.0	0.33	*

Citrus aurantium	Plant	1000.0	8000.0	4.43	Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.
Citrus reticulata	Fruit	6500.0	9400.0	0.6	*
Citrus mitis	Fruit Juice	--	--		*
Citrus limon	Pericarp Essent. Oil	512000.0	774000.0		*
Citrus limon	Fruit Essent. Oil	512000.0	980000.0	1.27	Jim Duke's personal files.
Citrus reticulata	Essential Oil	--	--		*
Citrus sinensis	Fruit	8300.0	9700.0	0.64	*
Citrus limon	Essential Oil	2796.0	8000.0	-0.69	*
Citrus aurantium	Leaf	70.0	110.0	-0.33	*
Cleonia lusitanica	Leaf	165.0	325.0	-0.11	Perez-Alonso, M., Velasco-Negueruela, A., and Lopez-Saez, A. 1991. The Essential Oil of Cleonia lusitanica. J. Ess. Oil Res., 3: 441-442.
Cocos nucifera	Fruit	--	--		Jim Duke's personal files.
Collinsonia canadensis	Plant	--	--		*
Commiphora myrrha	Resin, Exudate, Sap	--	--		*
Coriandrum sativum	Fruit	34.0	1238.0	-0.57	*
Coriandrum sativum	Seed Essent. Oil	15500.0	18950.0	-0.79	*
Coriandrum sativum	Essential Oil	--	--		*
Coridothymus capitatus	Shoot	--	110.0	-0.27	Lagouri, V., Blekas, G., Tsimidou, M., Kokkini, S., and Boskou, D. 1993. Composition and Antioxidant Activity of Essential Oils from Oregano Plants Grown Wild in Greece. Z. Lebensm Unters Forsch 197: 20-23.
Crocus sativus	Silk Stigma Style	--	--		*
Cuminum cyminum	Seed	60.0	696.0	-0.71	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Cuminum cyminum	Fruit	60.0	696.0	-0.65	*
Cuminum cyminum	Seed Essent. Oil	--	2500.0	-0.86	*
Cunila origanoides	Shoot	--	140.0	-0.26	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Curcuma longa	Essential Oil	--	2300.0	-0.72	*
Curcuma longa	Tuber	--	--		*
Curcuma longa	Rhizome Essent. Oil	--	2300.0	-0.78	*
Curcuma longa	Leaf	--	125.0	-0.32	*
Curcuma longa	Rhizome	--	80.0	-1.05	*
Cymbopogon martinii	Plant	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Cymbopogon flexuosus	Plant	--	--		*
Cymbopogon citratus	Plant	--	--		Guenther, E., The Essential Oils, 6 volumes, D. van Nostrand, New York, 1948-1952.
Cymbopogon parkeri	Plant	20.0	634.0	-0.1	Rizk, A.F.M., The Phytochemistry of the Flora of Qatar, Scientific and Applied Research Centre, University of Qatar, Kingprint, Richmond, UK, 1986.
Cyperus rotundus	Essential Oil	--	--		*
Daucus carota	Root	--	150.0	-0.45	*
Daucus carota	Shoot	--	26.0	-0.32	*
Daucus carota	Seed	20.0	1500.0	-0.66	*
Dictamnus albus	Shoot	13.0	17.0	-0.32	Baser, K.H.C., Kosar, M.Malyer, H. & Ozek, T. 1994. The Essential Oil Composition of Dictamnus albus from Turkey. Planta Med. 60:481-2

Dictamnus hispanicus	Shoot	--	--		Baser, K.H.C., Kosar, M.Malyer, H. & Ozek, T. 1994. The Essential Oil Composition of Dictamnus albus from Turkey. Planta Med. 60:481-2
Dracocephalum thymiflora	Plant	--	10.0	-0.48	*
Echinacea spp	Fruit	--	--		Economic & Medicinal Plant Research, 5: 253.
Elettaria cardamomum	Fruit	595.0	9481.0	0.61	*
Elettaria cardamomum	Seed Essent. Oil	--	84600.0	-0.52	*
Elettaria cardamomum	Fruit Essent. Oil	--	25000.0	-1.16	*
Elsholtzia polystachya	Leaf	--	--	-0.45	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	--	--	-0.45	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 blanda	Shoot	--	55.0	-0.3	Bestman, H.J., Rauscher, J., Vostrowsky O., Pant, A.K., Dev. V., Parihar, R. and Mathela, C.S. 1992. Constituents of the Essential Oil of Elsholtsia blanda Benth. (Labiatae). J. Ess. Oils Res. 4: 121-124
Elsholtzia eriostachya	Shoot	--	0.1	-0.33	Pant, A.K., Dev, V., Parihar, R., Mathela,C.S., Rauscher, J., Vostrowsky, O. and Bestmann, H.J. 1992. The Essential Oil from Elsholtzia eriostachya var. pusilla. J. Ess. Oil Res. 4: 547-549.
Elsholtzia nipponica	Plant	--	--		Hegnauer, R. 1962-1997. Chemotaxonomie der Pflanzen, Bde 1-11. Birkhauser Verlag Basel, Boston, Berlin.
Ephedra sinica	Shoot	--	23.0	-0.32	*
Eruca sativa	Hs	--	--		*
Eucalyptus fasiculosa	Leaf	--	75.0	-0.37	Bignell, C.M., Dunlop, P.J., Brophy, J.J., and Jackson, J.F. 1995. Volatile Leaf Oils of Some South-western and Southern Australian Species of the Genus Eucalyptus. Part VI. Subgenus Symphyomyrtus, Section Adnataria. Flavour and Fragrance J. 10(6):359-364
Eucalyptus populnea	Leaf	--	1.8	-0.45	Bignell, C.M., Dunlop, P.J., Brophy, J.J., and Jackson, J.F. 1995. Volatile Leaf Oils of Some South-western and Southern Australian Species of the Genus Eucalyptus. Part VI. Subgenus Symphyomyrtus, Section Adnataria. Flavour and Fragrance J. 10(6):359-364
Eucalyptus citriodora	Leaf	20.0	1420.0	1.05	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Eucalyptus odorata	Leaf	--	40.0	-0.41	Bignell, C.M., Dunlop, P.J., Brophy, J.J., and Jackson, J.F. 1995. Volatile Leaf Oils of Some South-western and Southern Australian Species of the Genus Eucalyptus. Part VI. Subgenus Symphyomyrtus, Section Adnataria. Flavour and Fragrance J. 10(6):359-364
Eucalyptus tereticornis	Shoot	--	0.1	-0.33	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 ochrophloia	Leaf	--	0.7	-0.45	Bignell, C.M., Dunlop, P.J., Brophy, J.J., and Jackson, J.F. 1995. Volatile Leaf Oils of Some South-western and Southern Australian Species of the Genus Eucalyptus. Part VI. Subgenus Symphyomyrtus, Section Adnataria. Flavour and Fragrance J. 10(6):359-364
Eucalyptus siderophloia	Shoot	--	0.1	-0.33	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 cuprea	Leaf	--	290.0	-0.14	Bignell, C.M., Dunlop, P.J., Brophy, J.J., and Jackson, J.F. 1995. Volatile Leaf Oils of Some South-western and Southern Australian Species of the Genus Eucalyptus. Part VI. Subgenus Symphyomyrtus, Section Adnataria. Flavour and Fragrance J. 10(6):359-364
Eucalyptus forrestiana	Leaf	--	380.0	-0.05	Bignell,C.M.,Dunlop,P.J.,Brophy,J.J.,and Jackson, J.F.1994.Volatile Leaf Oils of Some South-western and Southern Australian Species of the Genus Eucalyptus.Part I.Subgenus Symphyomyrtus,Section Dumaria,Series Incrassatae.Flavour and Fragrance J.9(3):113-7

<i>Eucalyptus diversicolor</i>	Shoot	--	0.1	-0.33	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 polyanthemos</i>	Shoot	--	630.0	-0.01	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 citriodora</i>	Shoot	--	4000.0	1.71	*
<i>Eucalyptus moluccana</i>	Shoot	--	0.1	-0.33	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 angulosa</i>	Leaf	--	50.0	-0.4	Bignell, C.M., Dunlop, P.J., Brophy, J.J., and Jackson, J.F. 1994. Volatile Leaf Oils of Some South-western and Southern Australian Species of the Genus Eucalyptus. Part I. Subgenus Symphyomyrtus, Section Dumaria, Series Incrassatae. Flavour and Fragrance J. 9(3):113-7
<i>Eucalyptus maculata</i>	Shoot	--	15.0	-0.32	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 bridgesiana</i>	Leaf	--	585.0	0.17	Singh, A. K., Gupta, K. C., & Brophy, J. J. 1991. Volatile Constituents of the Essential Oil of Eucalyptus bridgesiana Growing in India. Journal of Essential Oil Res. 3: 449-450.
<i>Eucalyptus nova-anglica</i>	Leaf	4.0	7.0	-0.44	Brophy, J. L., Lassak, E. V., & Boland, D. J. 1992. The Leaf Essential Oils of Eucalyptus nova-anglica. Deane & Maiden. Journal of Essential Oil Res. 4: 29-32.
<i>Eucalyptus citriodora</i>	Leaf Essent. Oil	--	5000.0	-0.66	*
<i>Eucalyptus blakelyi</i>	Shoot	--	0.1	-0.33	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 viridis</i>	Leaf	--	22.0	-0.42	Bignell, C.M., Dunlop, P.J., Brophy, J.J., and Jackson, J.F. 1995. Volatile Leaf Oils of Some South-western and Southern Australian Species of the Genus Eucalyptus. Part VI. Subgenus Symphyomyrtus, Section Adnataria. Flavour and Fragrance J. 10(6):359-364
<i>Eucalyptus melanophloia</i>	Leaf	--	2.0	-0.45	Bignell, C.M., Dunlop, P.J., Brophy, J.J., and Jackson, J.F. 1995. Volatile Leaf Oils of Some South-western and Southern Australian Species of the Genus Eucalyptus. Part VI. Subgenus Symphyomyrtus, Section Adnataria. Flavour and Fragrance J. 10(6):359-364
<i>Eucalyptus porosa</i>	Leaf	--	295.0	-0.14	Bignell, C.M., Dunlop, P.J., Brophy, J.J., and Jackson, J.F. 1995. Volatile Leaf Oils of Some South-western and Southern Australian Species of the Genus Eucalyptus. Part VI. Subgenus Symphyomyrtus, Section Adnataria. Flavour and Fragrance J. 10(6):359-364
<i>Eucalyptus stoatei</i>	Leaf	--	535.0	0.12	Bignell, C.M., Dunlop, P.J., Brophy, J.J., and Jackson, J.F. 1994. Volatile Leaf Oils of Some South-western and Southern Australian Species of the Genus Eucalyptus. Part I. Subgenus Symphyomyrtus, Section Dumaria, Series Incrassatae. Flavour and Fragrance J. 9(3):113-7
<i>Eucalyptus intertexta</i>	Leaf	--	340.0	-0.09	Bignell, C.M., Dunlop, P.J., Brophy, J.J., and Jackson, J.F. 1995. Volatile Leaf Oils of Some South-western and Southern Australian Species of the Genus Eucalyptus. Part VI. Subgenus Symphyomyrtus, Section Adnataria. Flavour and Fragrance J. 10(6):359-364
<i>Eucalyptus saligna</i>	Shoot	--	800.0	0.08	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 largisparsa</i>	Leaf	--	135.0	-0.31	Bignell, C.M., Dunlop, P.J., Brophy, J.J., and Jackson, J.F. 1995. Volatile Leaf Oils of Some South-western and Southern Australian Species of the Genus Eucalyptus. Part VI. Subgenus Symphyomyrtus, Section Adnataria. Flavour and Fragrance J. 10(6):359-364
<i>Eucalyptus erythrandra</i>	Leaf	--	390.0	-0.04	Bignell, C.M., Dunlop, P.J., Brophy, J.J., and Jackson, J.F. 1994. Volatile Leaf Oils of Some South-western and Southern Australian Species of the Genus Eucalyptus. Part I. Subgenus Symphyomyrtus, Section Dumaria, Series Incrassatae. Flavour and Fragrance J. 9(3):113-7
<i>Eucalyptus dealbata</i>	Shoot	--	1180.0	0.27	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	-0.33	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 ceratocorys</i>	Leaf	--	155.0	-0.28	Bignell, C.M., Dunlop, P.J., Brophy, J.J., and Jackson, J.F. 1994. Volatile Leaf Oils of Some South-western and Southern Australian Species of the Genus Eucalyptus. Part I. Subgenus Symphyomyrtus, Section Dumaria, Series Incrassatae. Flavour and Fragrance J. 9(3):113-7
<i>Eucalyptus melliodora</i>	Shoot	--	0.1	-0.33	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 albens</i>	Shoot	--	0.1	-0.33	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 incrassata</i>	Leaf	--	680.0	0.27	Bignell, C.M., Dunlop, P.J., Brophy, J.J., and Jackson, J.F. 1994. Volatile Leaf Oils of Some South-western and Southern Australian Species of the Genus Eucalyptus. Part I. Subgenus Symphyomyrtus, Section Dumaria, Series Incrassatae. Flavour and Fragrance J. 9(3):113-7
<i>Eucalyptus brassiana</i>	Leaf	--	150.0	-0.29	Singh, A. K., Gupta, K. C., & Brophy, J. J. 1991. Chemical Constituents of the Leaf Essential Oil of Eucalyptus brassiana S. T. Blake. Journal of Essential Oil Res. 3: 45-7.
<i>Eucalyptus globulus</i>	Leaf Essent. Oil	31000.0	52000.0	-0.45	*
<i>Eucalyptus citriodora</i>	Essential Oil	--	--		*
<i>Eucalyptus astringens</i>	Shoot	--	0.1	-0.33	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 leucoxylon</i>	Leaf	--	35.0	-0.41	Bignell, C.M., Dunlop, P.J., Brophy, J.J., and Jackson, J.F. 1995. Volatile Leaf Oils of Some South-western and Southern Australian Species of the Genus Eucalyptus. Part VI. Subgenus Symphyomyrtus, Section Adnataria. Flavour and Fragrance J. 10(6):359-364
<i>Eucalyptus desquamata</i>	Leaf	--	40.0	-0.41	Bignell, C.M., Dunlop, P.J., Brophy, J.J., and Jackson, J.F. 1995. Volatile Leaf Oils of Some South-western and Southern Australian Species of the Genus Eucalyptus. Part VI. Subgenus Symphyomyrtus, Section Adnataria. Flavour and Fragrance J. 10(6):359-364
<i>Eucalyptus tetraptera</i>	Leaf	--	565.0	0.15	Bignell, C.M., Dunlop, P.J., Brophy, J.J., and Jackson, J.F. 1994. Volatile Leaf Oils of Some South-western and Southern Australian Species of the Genus Eucalyptus. Part I. Subgenus Symphyomyrtus, Section Dumaria, Series Incrassatae. Flavour and Fragrance J. 9(3):113-7
<i>Eucalyptus lansdowneana</i>	Leaf	--	25.0	-0.42	Bignell, C.M., Dunlop, P.J., Brophy, J.J., and Jackson, J.F. 1995. Volatile Leaf Oils of Some South-western and Southern Australian Species of the Genus Eucalyptus. Part VI. Subgenus Symphyomyrtus, Section Adnataria. Flavour and Fragrance J. 10(6):359-364
<i>Eucalyptus sideroxylon</i>	Shoot	--	0.1	-0.33	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 behriana</i>	Leaf	--	2.7	-0.44	Bignell, C.M., Dunlop, P.J., Brophy, J.J., and Jackson, J.F. 1995. Volatile Leaf Oils of Some South-western and Southern Australian Species of the Genus Eucalyptus. Part VI. Subgenus Symphyomyrtus, Section Adnataria. Flavour and Fragrance J. 10(6):359-364
<i>Eucalyptus globulus</i>	Shoot	--	0.1	-0.33	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 dolichorhyncha</i>	Leaf	--	225.0	-0.21	Bignell, C.M., Dunlop, P.J., Brophy, J.J., and Jackson, J.F. 1994. Volatile Leaf Oils of Some South-western and Southern Australian Species of the Genus Eucalyptus. Part I. Subgenus Symphyomyrtus, Section Dumaria, Series Incrassatae. Flavour and Fragrance J. 9(3):113-7
<i>Eucalyptus punctata</i>	Shoot	--	0.1	-0.33	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 sparsa</i>	Leaf	--	245.0	-0.19	Bignell, C.M., Dunlop, P.J., Brophy, J.J., and Jackson, J.F. 1995. Volatile Leaf Oils of Some South-western and Southern Australian Species of the Genus Eucalyptus. Part VI. Subgenus Symphyomyrtus, Section Adnataria. Flavour and Fragrance J. 10(6):359-364

<i>Eucalyptus cladocalyx</i>	Shoot	--	275.0	-0.19	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 occidentalis</i>	Shoot	--	1955.0	0.67	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 maideni</i>	Shoot	--	0.1	-0.33	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 camaldulensis</i>	Shoot	--	0.1	-0.33	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	--	0.1	-0.33	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 grandis</i>	Leaf Essent. Oil	--	25000.0	-0.57	*
<i>Eucalyptus bosistoana</i>	Shoot	--	0.1	-0.33	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>Euodia rutaecarpa</i>	Leaf	--	--		*
<i>Ferula gummosa</i>	Plant	--	--		*
<i>Ficus carica</i>	Leaf Essent. Oil	--	--		*
<i>Foeniculum vulgare</i>	Fruit	200.0	9420.0	0.6	*
<i>Foeniculum vulgare</i>	Essential Oil	2000.0	324400.0	1.13	Jim Duke's personal files.
<i>Foeniculum vulgare</i>	Flower Essent. Oil	--	342000.0	0.67	Jim Duke's personal files.
<i>Foeniculum vulgare</i>	Plant	--	1800.0	0.62	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Foeniculum vulgare</i>	Seed	200.0	9420.0	-0.09	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Foeniculum vulgare</i>	Seed Essent. Oil	25000.0	131000.0	-0.32	Jim Duke's personal files.
<i>Foeniculum vulgare</i>	Leaf Essent. Oil	--	578000.0	1.88	Jim Duke's personal files.
<i>Gentiana lutea</i>	Essential Oil	--	346800.0	1.26	Abstract (See species file)
<i>Glechoma hederacea</i>	Plant	1.0	6.0	-0.48	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Hedeoma pulegioides</i>	Pollen Or Spore	--	6000.0		*
<i>Hedeoma hispida</i>	Plant	--	36.0	-0.46	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Hedeoma drummondii</i>	Plant	1.0	410.0	-0.23	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Hedeoma reverchonii</i>	Plant	--	368.0	-0.26	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Hedeoma pulegioides</i>	Plant	36.0	570.0	-0.14	*
<i>Hedychium flavum</i>	Shoot	--	140.0	-0.26	*
<i>Helianthus annuus</i>	Flower	--	--		*
<i>Hesperis matronalis</i>	Flower	--	--		Nielsen, J. K., Jakobsen, H. B., Friis, P., Hansen, K., Moller, J., Olsen, C. E. 1995. Asynchronous Rhythmus in the Emission of Volatiles from <i>Hesperis matronalis</i> Flowers. Phytochemistry, 38(4): 847-851.
<i>Hibiscus sabdariffa</i>	Calyx	--	--		*
<i>Houttuynia cordata</i>	Shoot Essent. Oil	--	--		*
<i>Humulus lupulus</i>	Fruit	--	--		*
<i>Humulus lupulus</i>	Essential Oil	--	--		*

Hypericum perforatum	Shoot	--	--		*
Hypericum perforatum	Fruit Essent. Oil	--	--		*
Hypericum perforatum	Plant	5.0	90.0	-0.43	*
Hypericum perforatum	Leaf Essent. Oil	--	--		*
Hyptis suaveolens	Plant	--	390.0	-0.25	Recently became Internat. J. Crude Drug Res. 28(1,2,3,4):1990, page 74.
Hyssopus officinalis	Flower	5.0	54.0	-0.58	Flavour and Fragrance Journal, 6: 69.
Hyssopus officinalis	Shoot	--	--		Tsankova, E.T., Konatchiev, A.N. and Genova, E.M. 1993. Chemical Composition of the Essential Oils of Two Hyssopus officinalis cultivars. J. Ess. Oil Res. 5: 609-611.
Hyssopus officinalis	Shoot	--	0.1	-0.33	Tsankova, E.T., Konatchiev, A.N. and Genova, E.M. 1993. Chemical Composition of the Essential Oils of Two Hyssopus officinalis cultivars. J. Ess. Oil Res. 5: 609-611.
Hyssopus officinalis	Leaf	7.0	480.0	0.06	*
Illicium verum	Fruit	100.0	5220.0	-0.0	*
Isanthus brachiatus	Plant	--	20.0	-0.47	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Juglans nigra	Essential Oil	--	15000.0	-0.65	*
Juniperus communis	Fruit Essent. Oil	--	--		*
Juniperus virginiana	Leaf	--	--		*
Juniperus communis	Fruit	76.0	910.0	-0.62	List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Juniperus communis	Essential Oil	--	31000.0	-0.56	*
Lantana camara	Shoot	--	18.0	-0.32	*
Larrea tridentata	Essential Oil	--	--		*
Laurus nobilis	Leaf Essent. Oil	--	--		*
Laurus nobilis	Leaf	55.0	500.0	0.08	*
Lavandula angustifolia	Flower	--	--		Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Lavandula x intermedia	Plant	50.0	140.0	-0.4	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Lavandula x hybrida	Shoot	110.0	200.0	-0.23	Tucker, A.O., Maciarelo, M.J., Angell, S., Espailat, J.R., and French, E.C. 1993. The Essential Oil of Lavandula x hybrida Balb. ex Ging., a Distinct Hybrid from L. x heterophylla Poir. (Labiatae). J. Ess. Oil Res. 5: 443-445.
Lavandula latifolia	Plant	55.0	297.0	-0.3	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Leonotis leonurus	Se	--	28.0		Pedro, L.G., Barroso, J.G., Marques, N.T., Ascensao, L., Pais, M.S.S. and Scheffer, J.J.C. 1991. Composition of the Essential Oil from Sepals of Leonotis leonurus R. Br. J. Ess. Oil Res. 3: 451-3
Leonurus cardiaca	Plant	--	2.0	-0.48	*
Lepechinia calycina	Plant	--	115.0	-0.42	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Levisticum officinale	Root	8.0	80.0	-0.58	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Lindera benzoin	Twig	9.0	11.0		*
Lindera benzoin	Leaf	--	0.4	-0.45	*
Lindera benzoin	Fruit	80.0	115.0	-0.73	*
Lippia alba	Plant	--	--		Grenand, P., Moretti, C., and Jacquemin, H. 1987. Pharmacopees Traditionnelles en Guyane. l'ORSTROM, Paris. 569 pp.
Litsea glaucescens	Shoot	25.0	30.0	-0.31	Tucker, et al, EB46(1):21-24.1992

<i>Lycopus virginicus</i>	Plant	10.0	26.0	-0.47	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Lycopus uniflorus</i>	Plant	111.0	174.0	-0.38	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Magnolia denudata</i>	Leaf	--	--		*
<i>Magnolia denudata</i>	Bark	--	--		*
<i>Magnolia fargesii</i>	Flower	--	--		*
<i>Magnolia denudata</i>	Flower	--	--		*
<i>Magnolia denudata</i>	Twig	--	--		*
<i>Magnolia denudata</i>	Bulb	--	--		*
<i>Mangifera indica</i>	Flower	--	--		*
<i>Marrubium vulgare</i>	Plant	--	--		*
<i>Marrubium vulgare</i>	Essential Oil	--	--		*
<i>Medicago sativa</i>	Essential Oil	--	--		*
<i>Melaleuca leucadendra</i>	Plant	--	--		*
<i>Melaleuca alternifolia</i>	Leaf	100.0	250.0	-0.18	*
<i>Melaleuca alternifolia</i>	Essential Oil	9000.0	43000.0	-0.49	*
<i>Melaleuca cajuputi</i>	Leaf	--	430.0	0.0	*
<i>Melaleuca alternifolia</i>	Leaf Essent. Oil	--	9000.0	-0.64	*
<i>Melaleuca alternifolia</i>	Root Essent. Oil	--	18700.0	-0.85	*
<i>Melissa officinalis</i>	Shoot	--	0.1	-0.33	Deutsche Apot. Ztit. 129(4):155-163. W. Schulze et al. Die Melisse.
<i>Mentha spicata</i>	Essential Oil	19000.0	363000.0	1.35	*
<i>Mentha pulegium</i>	Shoot	--	--		*
<i>Mentha aquatica</i>	Shoot	--	60.0	-0.3	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 Nogeikagaku Kaishi</i> 67(10): 1417-1419.
<i>Mentha x rotundifolia</i>	Leaf	14.0	500.0	0.08	*
<i>Mentha spicata</i>	Plant	7.0	9075.0	5.09	*
<i>Mentha longifolia</i>	Shoot	7.0	3040.0	1.22	*
<i>Mentha aquatica</i>	Shoot	--	75.0	-0.29	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 Nogeikagaku Kaishi</i> 67(10): 1417-1419.
<i>Mentha spicata</i>	Shoot	--	--		*
<i>Mentha sp</i>	Plant	--	--		Jeffery B. Harborne and H. Baxter, eds. 1983. <i>Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants.</i> Taylor & Frost, London. 791 pp.
<i>Mentha pulegium</i>	Leaf Essent. Oil	--	5000.0	-0.66	*
<i>Mentha aquatica</i>	Leaf	114.0	714.0	0.3	*
<i>Mentha x piperita</i>	Leaf	--	--		Duke, J. A. Writeups or information summaries on approximately 2,000 economic plants, USDA, ARS, Beltsville, MD 20705.
<i>Mentha pulegium</i>	Plant	41.0	148.0	-0.39	Duke, J. A. Writeups or information summaries on approximately 2,000 economic plants, USDA, ARS, Beltsville, MD 20705.
<i>Mentha arvensis</i> var. <i>piperascens</i>	Leaf	20.0	3520.0	3.26	*

<i>Mentha aquatica</i>	Shoot	--	60.0	-0.3	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 Nogeikagaku Kaishi</i> 67(10): 1417-1419.
<i>Mentha pulegium</i>	Essential Oil	1000.0	110000.0	-0.1	*
<i>Mentha x rotundifolia</i>	Leaf	--	--		Duke, J. A. Writeups or information summaries on approximately 2,000 economic plants, USDA, ARS, Beltsville, MD 20705.
<i>Mentha aquatica</i>	Shoot	--	21.0	-0.32	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 Nogeikagaku Kaishi</i> 67(10): 1417-1419.
<i>Mentha x piperita</i>	Leaf	2.0	320.0	-0.11	*
<i>Mentha pulegium</i>	Plant	10.0	2200.0	0.87	*
<i>Mentha aquatica</i>	Shoot	--	60.0	-0.3	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 Nogeikagaku Kaishi</i> 67(10): 1417-1419.
<i>Micromeria teneriffae</i>	Leaf	--	560.0	0.14	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	275.0	355.0	-0.07	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 varia</i>	Shoot	--	80.0	-0.29	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. & Fragr. J.</i> 10(3): 199-202.
<i>Micromeria myrtifolia</i>	Shoot	--	0.9	-0.33	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 fruticosa</i>	Shoot	--	335.0	-0.16	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 juliana</i>	Leaf	--	25.0	-0.42	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>	Leaf	--	1.0	-0.45	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 thymifolia</i>	Leaf	--	175.0	-0.26	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 croatica</i>	Leaf	--	30.0	-0.42	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 varia</i>	Shoot	--	80.0	-0.29	*
<i>Micromeria fruticosa</i>	Shoot	--	335.0	-0.16	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>Minthostachys mollis</i>	Shoot	4.0	10.0	-0.32	Alkire, B.H., Tucker, A.O., and Maciarelo, M.J. 1994. Tipo (<i>Minthostachys mollis</i> (Lamiaceae): An Ecuadorian Mint. <i>Econ. Bot.</i> 48(1): 60-64.
<i>Moldavica thymiflora</i>	Plant	--	10.0	-0.48	Lawrence, B.M., <i>Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.</i>
<i>Monarda didyma</i>	Plant	2.0	1300.0	0.31	Lawrence, B.M., <i>Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.</i>
<i>Monarda clinopodia</i>	Plant	--	287.0	-0.31	Lawrence, B.M., <i>Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.</i>
<i>Monarda citriodora</i>	Leaf	--	35.0	-0.41	Collins, J.E., Bishop, C.D., Deans, S.G. and Svoboda, K.P. 1994. Composition of the Essential Oil from the Leaves and Flowers of <i>Monarda citriodora</i> var. <i>citriodora</i> grown in the United Kingdom. <i>J. Ess. Oil Res.</i> 6: 27-9.
<i>Monarda media</i>	Plant	236.0	1484.0	0.43	Lawrence, B.M., <i>Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.</i>
<i>Monarda didyma</i>	Leaf	25.0	40.0	-0.41	*
<i>Monarda russeliana</i>	Plant	--	104.0	-0.42	Lawrence, B.M., <i>Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.</i>

Monarda citriodora	Flower	--	40.0	-0.61	Collins, J.E., Bishop, C.D., Deans, S.G. and Svoboda, K.P. 1994. Composition of the Essential Oil from the Leaves and Flowers of Monarda citriodora var. citriodora grown in the United Kingdom. J. Ess. Oil Res. 6: 27-9.
Monarda lindheimeri	Plant	--	94.0	-0.43	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Monarda fistulosa	Plant	3.0	589.0	-0.12	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Monarda didyma	Flower	--	10.0	-0.68	Flavour and Fragrance Journal, 6: 80.
Monarda punctata	Plant	50.0	2874.0	1.28	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Monarda citriodora	Plant	89.0	90.0	-0.43	*
Morinda citrifolia	Fruit	--	0.17	-0.75	*
Murraya koenigii	Leaf	--	115.0	-0.33	*
Myrica cerifera	Leaf	--	--		CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Myristica fragrans	Seed Essent. Oil	31000.0	119000.0	-0.37	*
Myristica fragrans	Leaf Essent. Oil	--	--		*
Myristica fragrans	Seed	720.0	5760.0	-0.35	*
Myristica fragrans	Essential Oil	36000.0	44000.0	-0.48	*
Myrrhis odorata	Essential Oil	--	2600.0	-0.72	Hussain, R.A., et. al. 1990. Sweetening Agents of Plant Origin: Phenylpropanoid Constituents of Seven Sweet-Tasting Plants. Econ. Bot. 44 2: 174-182. Program Collab. Res. Pharm. Sci. Coll. Pharmacy Univ. Illinois at Chicago IL 60680, USA.
Myrrhis odorata	Plant	--	--		Gruenwald, J. et al. 1998. PDR for Herbal Medicine. 1st ed. Medical Economics Co., Montvale, NJ. 1244 pp. (abbreviated as PHR or Physicians Herbal Reference in my mind)
Myrtus communis	Leaf	40.0	585.0	0.17	*
Myrtus communis	Plant	185.0	585.0	-0.13	*
Nepeta cataria	Plant	--	--		*
Nepeta cataria	Leaf	--	--		*
Nepeta racemosa	Shoot	--	90.0	-0.28	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	--	90.0	-0.28	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.
Ocimum tenuiflorum	Leaf	--	145.0	-0.3	Brophy, J.J., Goldsack, R.J., and Clarkson, J.R. 1993. The Essential Oil of Ocimum tenuiflorum L. (Lamiaceae) Growing in Northern Australia, J. Ess. Oil Res. 5: 459-461.
Ocimum basilicum	Plant	--	20.0	-0.47	Die Nahrung. Pino, J., Rosado, A., Goire, I., Roncal, E., and Garcia, I. 1993. Analysis of the Essential Oil from Cuban Basil. Die Nahrung 37:(5): 501-504.
Ocimum basilicum	Essential Oil	3100.0	77600.0	-0.29	*
Ocimum gratissimum	Plant	10.0	105.0	-0.42	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Ocimum kilimandscharicum	Leaf	360.0	615.0	0.2	Charles, D.J., and Simon, J.E. 1992. Essential Oil Constituents of Ocimum killimandscharicum Guerke. J. Ess. Oil Res., 4: 125-128.
Ocimum basilicum	Leaf Essent. Oil	1000.0	2900.0	-0.67	*
Ocimum gratissimum	Leaf	185.0	335.0	-0.1	Charles, D.J. and Simon, J.E. 1992. A New Geraniol Chemotype of Ocimum gratissimum L. J. Ess. Oil Res. 4: 231-234.
Ocimum kilimandscharicum	Flower	570.0	980.0	1.55	Charles, D.J., and Simon, J.E. 1992. Essential Oil Constituents of Ocimum killimandscharicum Guerke. J. Ess. Oil Res., 4: 125-128.
Ocimum basilicum	Plant	--	20.0	-0.47	Die Nahrung. Pino, J., Rosado, A., Goire, I., Roncal, E., and Garcia, I. 1993. Analysis of the Essential Oil from Cuban Basil. Die Nahrung 37:(5): 501-504.
Ocimum basilicum	Shoot Essent. Oil	--	7100.0	-0.86	*
Ocimum gratissimum	Shoot	--	42.0	-0.31	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 gratissimum	Flower	158.0	220.0	-0.19	Charles, D.J. and Simon, J.E. 1992. A New Geraniol Chemotype of Ocimum gratissimum L. J. Ess. Oil Res. 4: 231-234.

Origanum onites	Plant	--	17.0	-0.48	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Origanum vulgare	Plant	--	70.0	-0.44	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.
Origanum majorana	Leaf Essent. Oil	--	24000.0	-0.57	*
Origanum syriacum	Shoot	--	90.0	-0.28	Fleisher, A. & Fleisher, Z. 1991. Chemical Composition of Origanum syriacum L. Essential Oil. J. Ess. Oil Res. 3: 121-123.
Origanum sipyleum	Shoot	--	120.0	-0.27	Baser, K.H.C., Ozek, T., Kurkcuoglu, M. and Tumen, G. 1992. Composition of the Essential Oil of Origanum sipyleum of Turkish Origin. J. Ess. Oil Res. 4: 139-142.
Origanum sipyleum	Shoot	--	120.0	-0.27	Baser, K.H.C., Ozek, T., Kurkcuoglu, M. and Tumen, G. 1992. Composition of the Essential Oil of Origanum sipyleum of Turkish Origin. J. Ess. Oil Res. 4: 139-142.
Origanum onites	Shoot	--	85.0	-0.29	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.
Origanum majorana	Plant	18.0	1710.0	0.57	*
Origanum vulgare	Plant	22.0	480.0	-0.19	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Origanum vulgare	Plant	--	5.0	-0.48	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.
Origanum vulgare	Shoot Essent. Oil	1400.0	35900.0	-0.56	*
Origanum vulgare	Shoot	--	315.0	-0.17	Lagouri, V., Blekas, G., Tsimidou, M., Kokkini, S., and Boskou, D. 1993. Composition and Antioxidant Activity of Essential Oils from Oregano Plants Grown Wild in Greece. Z. Lebensm Unters Forsch 197: 20-23.
Origanum syriacum	Shoot	--	55.0	-0.3	Fleisher, A. & Fleisher, Z. 1991. Chemical Composition of Origanum syriacum L. Essential Oil. J. Ess. Oil Res. 3: 121-123.
Origanum sipyleum	Shoot	--	120.0	-0.27	Baser, K.H.C., Ozek, T., Kurkcuoglu, M. and Tumen, G. 1992. Composition of the Essential Oil of Origanum sipyleum of Turkish Origin. J. Ess. Oil Res. 4: 139-142.
Origanum minutiflorum	Shoot	40.0	60.0	-0.3	Baser, K.H.C., Tumen, G., Sezik, E. 1991. The Essential Oil of Origanum minutiflorum O. Schwarz and P.H. Davis. J. Ess. Oil Res. 3: 445-446.
Origanum onites	Shoot	--	85.0	-0.29	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.
Origanum vulgare	Plant	--	17.0	-0.48	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.
Origanum majorana	Essential Oil	--	38000.0	-0.52	*
Origanum vulgare	Plant	--	2.0	-0.48	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.
Origanum syriacum	Shoot	--	90.0	-0.28	Fleisher, A. & Fleisher, Z. 1991. Chemical Composition of Origanum syriacum L. Essential Oil. J. Ess. Oil Res. 3: 121-123.
Origanum sipyleum	Shoot	--	10.0	-0.32	Baser, K.H.C., Ozek, T., Kurkcuoglu, M. and Tumen, G. 1992. Composition of the Essential Oil of Origanum sipyleum of Turkish Origin. J. Ess. Oil Res. 4: 139-142.
Panax ginseng	Root Essent. Oil	--	--		*
Panax ginseng	Root	--	--		Wichtl, M. 1984. Teedrogen. Ein Handbuch fur Apotheker und Arzte. Wissenschaftliche Verlagsgesellschaft. mbH Stuttgart. 393 pp.
Pastinaca sativa	Root	--	--		*
Pelargonium graveolens	Essential Oil	1.0	3.0	-0.74	*
Pelargonium citrosum	Shoot	--	10.0	-0.32	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.

<i>Perilla frutescens</i>	Shoot Essent. Oil	--	284000.0	2.03	Nguyen, X. D., La, D. M., Lu'u, D. C., Leclercq, P. A. 1995. Essential Oil Constituents from the Aerial Parts of <i>Perilla frutescens</i> (L.) Britton. <i>J. Essent. Oil Res.</i> , 7(4): 429-432.
<i>Perilla frutescens</i>	Plant	--	--		*
<i>Perilla frutescens</i>	Leaf Essent. Oil	--	128000.0	-0.11	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. <i>J. Agric. Food Chem.</i> , 40: 2328-2330.
<i>Petroselinum crispum</i>	Leaf	--	16.0	-0.43	*
<i>Petroselinum crispum</i>	Seed Essent. Oil	--	--		*
<i>Petroselinum crispum</i>	Seed	6.0	1470.0	-0.66	*
<i>Petroselinum crispum</i>	Fruit Essent. Oil	10000.0	60100.0	-1.07	*
<i>Peumus boldus</i>	Leaf	6.0	400.0	-0.03	*
<i>Phyllanthus niruri</i>	Leaf	--	--		Tramil
<i>Pilocarpus microphyllus</i>	Leaf	--	50.0	-0.4	*
<i>Pilocarpus jaborandi</i>	Leaf	--	2350.0	2.02	*
<i>Pimenta dioica</i>	Fruit	--	28.0	-0.75	*
<i>Pimenta dioica</i>	Leaf Essent. Oil	--	--		*
<i>Pimenta racemosa</i>	Leaf	140.0	6870.0	6.78	*
<i>Pimenta dioica</i>	Leaf	--	15.0	-0.43	*
<i>Pimpinella anisum</i>	Seed	25.0	459.0	-0.73	Newall, C. A., Anderson, L. A. and Phillipson, J. D. 1996. <i>Herbal Medicine - A Guide for Health-care Professionals</i> . The Pharmaceutical Press, London. 296pp.
<i>Pimpinella anisum</i>	Seed Essent. Oil	--	--		*
<i>Pimpinella anisum</i>	Fruit	25.0	459.0	-0.68	*
<i>Pimpinella anisum</i>	Essential Oil	--	--		*
<i>Pinus sylvestris</i>	Shoot	--	--		*
<i>Pinus sylvestris</i>	Resin, Exudate, Sap	--	--		*
<i>Pinus sylvestris</i>	Flower	--	--		*
<i>Pinus sylvestris</i>	Essential Oil	--	--		*
<i>Pinus sylvestris</i>	Leaf Essent. Oil	--	--		*
<i>Piper nigrum</i>	Fruit Essent. Oil	130500.0	210600.0	-0.69	*
<i>Piper auritum</i>	Leaf	--	--		Tramil
<i>Piper nigrum</i>	Seed Essent. Oil	--	--		*
<i>Piper cubeba</i>	Fruit	--	--		Leung, A.Y., <i>Encyclopedia of Common Natural Ingredients Used in Food, Drugs, and Cosmetics</i> , John Wiley & Sons, New York, 1980.
<i>Piper nigrum</i>	Fruit	1500.0	8000.0	0.4	*
<i>Plectranthus incanus</i>	Shoot	--	65.0	-0.3	Shah, G.C., Bhandari, R. & Mathela, C.S. 1992. 1,2-Epoxy-p-Menthane Derivatives from some Labiatae Species. <i>J. Ess. Oil Res.</i> 4: 57-59.
<i>Pogostemon cablin</i>	Plant	--	--		*
<i>Porophyllum ruderale</i>	Plant	9.0	13.0	-0.48	Loayza, I., de Groot, W., Lorenzo, D. et al. 1999. Composition of the essential oil of <i>Porophyllum ruderale</i> (Jacq.) Cass. from Bolivia. <i>Flav. & Fragr. J.</i> 14: 393-8.
<i>Prunus armeniaca</i>	Essential Oil	--	--		*
<i>Psidium guajava</i>	Pericarp Essent. Oil	--	--		*
<i>Psidium guajava</i>	Fruit	--	1000.0	-0.61	*
<i>Psidium guajava</i>	Leaf Essent. Oil	--	--		*
<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>Ptychopetalum olacoides</i>	Root Essent. Oil	--	11000.0	-0.94	Uber Bucek, E., Fournier, G., Dadoun, H. 1987. Volatile Constituents of <i>Ptychopetalum olacoides</i> Root Oil. <i>Planta Med.</i> 53, 2: 231.
<i>Pycnanthemum albescens</i>	Shoot	1688.0	5697.0	2.57	Lawrence, B.M., <i>Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.</i>
<i>Pycnanthemum setosum</i>	Shoot	40.0	1085.0	0.22	Lawrence, B.M., <i>Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.</i>
<i>Pycnanthemum pilosum</i>	Flower	66.0	1225.0	2.11	Lawrence, B.M., <i>Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.</i>
<i>Pycnanthemum loomisii</i>	Shoot	330.0	2520.0	0.95	Lawrence, B.M., <i>Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.</i>
<i>Pycnanthemum californicum</i>	Shoot	--	144.0	-0.26	Lawrence, B.M., <i>Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.</i>
<i>Pycnanthemum torreyi</i>	Shoot	--	60.0	-0.3	Lawrence, B.M., <i>Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.</i>
<i>Pycnanthemum pycnanthemoides</i>	Shoot	234.0	5800.0	2.62	Lawrence, B.M., <i>Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.</i>
<i>Pycnanthemum muticum</i>	Shoot	87.0	900.0	0.13	Lawrence, B.M., <i>Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.</i>
<i>Pycnanthemum incanum</i>	Shoot	209.0	1216.0	0.29	Lawrence, B.M., <i>Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.</i>
<i>Pycnanthemum virginianum</i>	Shoot	12.0	14674.0	7.14	Lawrence, B.M., <i>Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.</i>
<i>Pycnanthemum curvipes</i>	Shoot	--	2323.0	0.85	Lawrence, B.M., <i>Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.</i>
<i>Pycnanthemum beadleii</i>	Shoot	--	329.0	-0.16	Lawrence, B.M., <i>Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.</i>
<i>Pycnanthemum tenuifolium</i>	Shoot	2.0	8520.0	4.01	Lawrence, B.M., <i>Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.</i>
<i>Pycnanthemum pilosum</i>	Leaf	66.0	1225.0	0.84	Lawrence, B.M., <i>Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.</i>
<i>Pycnanthemum montanum</i>	Shoot	287.0	416.0	-0.12	Lawrence, B.M., <i>Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.</i>
<i>Pycnanthemum clinopodioides</i>	Shoot	1134.0	10780.0	5.16	Lawrence, B.M., <i>Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.</i>
<i>Pycnanthemum verticillatum</i>	Shoot	--	336.0	-0.16	Lawrence, B.M., <i>Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.</i>
<i>Ravensara aromatica</i>	Bark	--	440.0	1.0	*
<i>Ribes nigrum</i>	Fruit	--	--		List, P.H. and Horhammer, L., <i>Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.</i>
<i>Ribes nigrum</i>	Leaf	--	7.0	-0.44	List, P.H. and Horhammer, L., <i>Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.</i>
<i>Rosa damascena</i>	Essential Oil	--	--		*
<i>Rosmarinus officinalis</i>	Shoot	185.0	530.0	-0.06	Soriano Cano, M.C., Sotomayor Sanchez, J.A., Sanchez Gomez, P. and Garcia Vallejo, M.C. 1993. Essential Oils of the <i>Rosmarinus eriocalyx-tomentosus</i> Complex in Southeast Spain. <i>J. Ess. Oil Res.</i> 5: 243-246.
<i>Rosmarinus officinalis</i>	Shoot Essent. Oil	--	8200.0	-0.85	*
<i>Rosmarinus officinalis</i>	Essential Oil	--	46000.0	-0.47	*
<i>Rosmarinus tomentosus</i>	Shoot	160.0	295.0	-0.18	Soriano Cano, M.C., Sotomayor Sanchez, J.A., Sanchez Gomez, P. and Garcia Vallejo, M.C. 1993. Essential Oils of the <i>Rosmarinus eriocalyx-tomentosus</i> Complex in Southeast Spain. <i>J. Ess. Oil Res.</i> 5: 243-246.
<i>Rosmarinus eriocalyx</i>	Shoot	145.0	330.0	-0.16	Soriano Cano, M.C., Sotomayor Sanchez, J.A., Sanchez Gomez, P. and Garcia Vallejo, M.C. 1993. Essential Oils of the <i>Rosmarinus eriocalyx-tomentosus</i> Complex in Southeast Spain. <i>J. Ess. Oil Res.</i> 5: 243-246.
<i>Rosmarinus officinalis</i>	Leaf	--	100.0	-0.34	Soliman, F.M., El-Kashoury, M.M., Fathy, M.M. and Gonaid, M.H. 1994. Analysis and Biological Activity of the Essential Oil of <i>Rosmarinus officinalis</i> L. from Egypt. <i>Flavour and Fragrance J.</i> 9: 29-33.

Rosmarinus officinalis	Shoot	--	9.0	-0.32	Tucker, A. O. and Maciarello, M. J. 1998. The essential oils of some rosemary cultivars. Flavor and Fragrance Journal, 1: 137-142. 1986.
Rosmarinus x mendizabali	Shoot	100.0	370.0	-0.14	Soriano Cano, M.C., Sotomayor Sanchez, J.A., Sanchez Gomez, P. and Garcia Vallejo, M.C. 1993. Essential Oils of the Rosmarinus eriocalyx-tomentosus Complex in Southeast Spain. J. Ess. Oil Res. 5: 243-246.
Rosmarinus officinalis	Resin, Exudate, Sap	--	--		*
Rosmarinus officinalis	Plant	--	1950.0	0.71	*
Rosmarinus officinalis	Shoot	175.0	365.0	-0.14	Soriano Cano, M.C., Sotomayor Sanchez, J.A., Sanchez Gomez, P. and Garcia Vallejo, M.C. 1993. Essential Oils of the Rosmarinus eriocalyx-tomentosus Complex in Southeast Spain. J. Ess. Oil Res. 5: 243-246.
Rosmarinus x lavandulaceus	Shoot	110.0	405.0	-0.12	Soriano Cano, M.C., Sotomayor Sanchez, J.A., Sanchez Gomez, P. and Garcia Vallejo, M.C. 1993. Essential Oils of the Rosmarinus eriocalyx-tomentosus Complex in Southeast Spain. J. Ess. Oil Res. 5: 243-246.
Rosmarinus officinalis	Leaf Essent. Oil	--	23000.0	-0.58	*
Rosmarinus eriocalyx	Shoot	145.0	330.0	-0.16	Soriano Cano, M.C., Sotomayor Sanchez, J.A., Sanchez Gomez, P. and Garcia Vallejo, M.C. 1993. Essential Oils of the Rosmarinus eriocalyx-tomentosus Complex in Southeast Spain. J. Ess. Oil Res. 5: 243-246.
Rosmarinus officinalis	Leaf	--	100.0	-0.34	Soliman, F.M., El-Kashoury, M.M., Fathy, M.M. and Gonaid, M.H. 1994. Analysis and Biological Activity of the Essential Oil of Rosmarinus officinalis L. from Egypt. Flavour and Fragrance J. 9: 29-33.
Ruta graveolens	Plant	--	--		*
Salvia dorisiana	Shoot	64.0	72.0	-0.29	Tucker, A.O. & Maciarello, M.J. 1994. The Essential Oil of Salvia dorisiana Standley. J. Ess. Oil Res. 6: 97-8.
Salvia officinalis	Et	--	14000.0	-1.0	*
Salvia triloba	Plant	100.0	690.0	-0.06	*
Salvia officinalis	Essential Oil	6600.0	85000.0	-0.25	*
Salvia sclarea	Plant	0.4	12.0	-0.48	Flavour and Fragrance Journal, 6: 154.
Salvia gilliesii	Shoot	--	180.0	-0.24	Velasco-Negueruela, A. et al. 1993. The Essential Oil of Salvia gilliesii Benth. J. Ess. Oil Res. 5: 319-320.
Salvia officinalis	Leaf Essent. Oil	10000.0	36400.0	-0.52	*
Salvia officinalis	Plant	39.0	2380.0	0.98	*
Sambucus nigra	Flower Essent. Oil	--	--		*
Santolina chamaecyparissus	Plant	--	--		*
Sassafras albidum	Leaf	16.0	32.0	-0.41	*
Satureja parvifolia	Shoot	--	255.0	-0.2	Zygodlo, 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 cuneifolia	Shoot	--	125.0	-0.26	Tumen, G. 1991. The Volatile Constituents of Satureja cuneifolia. J. Ess. Oil Res., 3: 365-366.
Satureja glabella	Plant	--	50.0	-0.46	*
Satureja thymbra	Shoot	--	--	-0.33	Lagouri, V., Blekas, G., Tsimidou, M., Kokkini, S., and Boskou, D. 1993. Composition and Antioxidant Activity of Essential Oils from Oregano Plants Grown Wild in Greece. Z. Lebensm Unters Forsch 197: 20-23.
Satureja odora	Shoot	--	175.0	-0.24	Zygodlo, 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	--	115.0	-0.27	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 obovata	Shoot	1.0	255.0	-0.2	Fitoterapia No.60: 277.
Satureja montana	Plant	4.0	85.0	-0.43	*
Satureja douglasii	Plant	234.0	1508.0	0.44	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.

Satureja subspicata	Plant	--	25.0	-0.47	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 grandiflora	Shoot	--	50.0	-0.3	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 montana	Essential Oil	--	6200.0	-0.7	*
Satureja hortensis	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.
Scutellaria galericulata	Plant	--	13.0	-0.48	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Scutellaria lateriflora	Plant	--	--		Newall, C. A., Anderson, L. A. and Phillipson, J. D. 1996. Herbal Medicine - A Guide for Health-care Professionals. The Pharmaceutical Press, London. 296pp.
Sideritis mugronensis	Flower	1.0	155.0	-0.34	Manez, S., Jimenez, A., and Villar, A. 1991. Volatiles of Sideritis mugronensis Flower and Leaf. J. Ess. Oil Res., 3: 395-397.
Sideritis pauli	Shoot	--	55.0	-0.3	Burzaco, A., Velasco-Negueruela, A. and Perez-Alonso, M.J. 1992. Essential Oil Analysis of Sideritis pauli Pau. FFJ7: 47-8. 1992.
Sideritis germanicolpitana	Plant	35.0	45.0	-0.46	J. Essential Oil, 4: 533.
Sideritis mugronensis	Leaf	--	1.0	-0.45	Manez, S., Jimenez, A., and Villar, A. 1991. Volatiles of Sideritis mugronensis Flower and Leaf. J. Ess. Oil Res., 3: 395-397.
Sideritis athoa	Shoot	--	26.0	-0.32	Ozek, T., Baser, K.H.C. and Tumen, G. 1993. The Essential Oil of Sideritis athoa Papanikolaou Et Kokkini. J. Ess. Oil Res. 5: 669-670.
Stachys germanica	Plant	--	18.0	-0.47	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Stevia rebaudiana	Flower	--	30.0	-0.63	Kinghorn, A. D. (Ed.) 2002. Medicinal and Aromatic Plants - Industrial Profiles. Stevia. The genus Stevia. Taylor & Francis. New York, NY. 211 pp.
Stevia rebaudiana	Plant	--	10.0	-0.48	Hansel, R., Keller, K., Rimpler, H., and Schneider, G. eds. 1992. Hager's Handbuch der Pharmazeutischen Praxis, Drogen (A-D), 1209 pp., 1993 (E-O), 970 pp., 1994 (P-Z), 1196 pp. Springer-Verlag, Berlin.
Stevia rebaudiana	Leaf	--	1.0	-0.45	Kinghorn, A. D. (Ed.) 2002. Medicinal and Aromatic Plants - Industrial Profiles. Stevia. The genus Stevia. Taylor & Francis. New York, NY. 211 pp.
Tagetes minuta	Fruit Essent. Oil	213100.0	353200.0	-0.33	*
Tagetes minuta	Shoot Essent. Oil	--	83000.0	-0.07	*
Tagetes minuta	Flower Essent. Oil	166300.0	353200.0	0.75	*
Tagetes lucida	Leaf	--	165.0	-0.27	Tramil
Tagetes filifolia	Leaf Essent. Oil	--	--		Zygodlo, J. S., Guzman, C. A., Grosso, N. R. 1994. Antifungal Properties of the Leaf Oils of Tagetes Minuta L. and T. filifolia Lag. J. Essent. Oil Res. 6 6: 617-621. Cat Quim Org Fac Cien Exact Univ Nacion Cordoba Cordoba 5000 Argentina.
Tagetes minuta	Leaf Essent. Oil	--	200000.0	0.21	Zygodlo, J. S., Guzman, C. A., Grosso, N. R. 1994. Antifungal Properties of the Leaf Oils of Tagetes Minuta L. and T. filifolia Lag. J. Essent. Oil Res. 6 6: 617-621. Cat Quim Org Fac Cien Exact Univ Nacion Cordoba Cordoba 5000 Argentina.
Tagetes minuta	Essential Oil	--	--		*
Tamarindus indica	Fruit	--	--		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.
Tanacetum parthenium	Shoot	--	--		Hendriks, H., Bos, R., and Woerdenbag, H. J. 1996. The Essential Oil of Tanacetum parthenium (L.) Schultz-Bip. Flavor and Fragrance Journal 11(6): 367-71.
Tanacetum parthenium	Essential Oil	--	5000.0	-0.71	*
Teucrium kotschyannum	Leaf	--	45.0	-0.4	Arnold, N., Bellomaria, B., Velentini G. and Rafaiani, S.M. 1991. Comparative Study on Essential Oil of Some Teucrium Species from Cyprus. J. Ethnopharm. 35: 105-113.
Teucrium cyprium	Leaf	--	39.0	-0.41	Arnold, N., Bellomaria, B., Velentini G. and Rafaiani, S.M. 1991. Comparative Study on Essential Oil of Some Teucrium Species from Cyprus. J. Ethnopharm. 35: 105-113.

<i>Teucrium arduini</i>	Shoot	--	3.0	-0.33	Blazevic, N., Kalodera, Z., Petricic, J., and Plazibat, M. 1992. Essential Oil Content and Composition of <i>Teucrium arduini</i> L. J. Ess. Oil Res. 4: 223-225.
<i>Teucrium polium</i>	Plant	--	--		Rizk, A.F.M., The Phytochemistry of the Flora of Qatar, Scientific and Applied Research Centre, University of Qatar, Kingprint, Richmond, UK, 1986.
<i>Teucrium oxylepis</i>	Shoot	--	1.83	-0.33	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.
<i>Teucrium asiaticum</i>	Shoot	--	0.62	-0.33	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.
<i>Teucrium pseudoscorodonia</i>	Shoot	--	0.28	-0.33	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.
<i>Teucrium gnaphalodes</i>	Shoot	--	7.0	-0.32	Perez-Alonso, M.J. Velasco-Negueruela, A. and Lopez-Saez, J.A. 1993. The Essential Oils of Two Iberian <i>Teucrium</i> Species. J. Ess. Oil Res. 5: 397-402.
<i>Teucrium scorodonia</i>	Shoot	--	0.51	-0.33	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.
<i>Teucrium oxylepis</i>	Shoot	--	0.99	-0.33	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.
<i>Teucrium micropodioides</i>	Leaf	--	170.0	-0.27	Arnold, N., Bellomaria, B., Velentini G. and Razaiani, S.M. 1991. Comparative Study on Essential Oil of Some <i>Teucrium</i> Species from Cyprus. J. Ethnopharm. 35: 105-113.
<i>Teucrium divaricatum</i>	Leaf	--	125.0	-0.32	Arnold, N., Bellomaria, B., Velentini G. and Razaiani, S.M. 1991. Comparative Study on Essential Oil of Some <i>Teucrium</i> Species from Cyprus. J. Ethnopharm. 35: 105-113.
<i>Teucrium polium</i>	Shoot	--	16.0	-0.32	Perez-Alonso, M.J. Velasco-Negueruela, A. and Lopez-Saez, J.A. 1993. The Essential Oils of Two Iberian <i>Teucrium</i> Species. J. Ess. Oil Res. 5: 397-402.
<i>Teucrium arduini</i>	Shoot	--	3.0	-0.33	Blazevic, N., Kalodera, Z., Petricic, J., and Plazibat, M. 1992. Essential Oil Content and Composition of <i>Teucrium arduini</i> L. J. Ess. Oil Res. 4: 223-225.
<i>Teucrium salviastrum</i>	Shoot	--	0.98	-0.33	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.
<i>Thuja occidentalis</i>	Branches	--	--		*
<i>Thymus vulgaris</i>	Essential Oil	--	5300.0	-0.71	*
<i>Thymus funkii</i>	Shoot	--	5.0	-0.33	Vila, R., et al. 1995. Composition and study of the variability of the essential oil of <i>Thymus funkii</i> Cousson. <i>Flav. & Fragr. J.</i> 10(6): 379-383.
<i>Thymus zygis</i>	Shoot	0.1	190.0	-0.23	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>Thymus longicaulis</i>	Shoot	--	5.0	-0.33	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. J. Ess. Oil Res. 5: 291-5.
<i>Thymus serpyllum</i>	Plant	3.0	57.0	-0.45	*
<i>Thymus cilicicus</i>	Shoot	--	570.0	-0.04	Tumen, G., Koyuncu, M., Kirimer, N., and Baser, K.H.C. 1994. Composition of the Essential Oil of <i>Thymus cilicicus</i> Boiss. & Bal. J. Ess. Oil Res. 6: 97-8.
<i>Thymus capitatus</i>	Shoot	--	4.0	-0.33	Biondi, D., Cianci, P., Geraci, C. and Ruberto, G. 1993. Antimicrobial Activity and Chemical Composition of Essential Oils from Sicilian Aromatic Plants. <i>Flav. & Fragr. J.</i> 8: 331-7.
<i>Thymus x citriodorus</i>	Plant	--	--	-0.49	Stahl-Biskup, E. and Holthuijzen, J. 1995. Essential oil and glycosidally bound volatiles of lemon-scented thyme, <i>Thymus x citriodorus</i> (Pers.) Schreb. <i>Flav. & Fragr. J.</i> 10: 225-229.
<i>Thymus zygis</i>	Shoot	--	--		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.
<i>Thymus longicaulis</i>	Shoot	--	5.0	-0.33	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. J. Ess. Oil Res. 5: 291-5.

Thymus capitatus	Plant	10.0	30.0	-0.47	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Thymus saturejoides	Shoot	--	10.0	-0.32	Tantaoui-Elaraki, A., Lattaoui, N., Errifi, A. and Benjlali, B. 1993. Composition and Antimicrobial Activity of the Essential Oils of Thymus broussonettii, T. zygis and T. saturejoides. J. Ess. Oil Res. 5: 45-53.
Thymus orospedanus	Plant	--	140.0	-0.4	J. Nat. Prod.
Thymus broussonettii	Shoot	--	30.0	-0.31	Tantaoui-Elaraki, A., Lattaoui, N., Errifi, A. and Benjlali, B. 1993. Composition and Antimicrobial Activity of the Essential Oils of Thymus broussonettii, T. zygis and T. saturejoides. J. Ess. Oil Res. 5: 45-53.
Thymus funkii	Shoot	--	--		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 zygis	Shoot	--	0.1	-0.33	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.
Thymus longicaulis	Shoot	--	770.0	0.06	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 vulgaris	Plant	15.0	5200.0	2.71	*
Thymus riararum	Shoot	--	85.0	-0.29	Iglesias, J., Vila, R., Canigueral, S., Bellakdhar, and I Idrissi, A. 1991. Analysis of the Essential Oil of Thymus riararum. J. Ess. Oil Res. 3: 43-4.
Thymus mastichina	Plant	240.0	280.0	-0.31	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Tilia sp.	Flower	--	--		*
Trachyspermum ammi	Fruit	75.0	2040.0	-0.46	*
Trichostemma dichotomum	Shoot	--	5.0	-0.33	Tucker, A.O. and Maciarello, M.J. 1990. The Essential Oil of Trichostemma dichotomum. J. Ess. Oil Res. 2: 149-150.
Trifolium pratense	Flower	--	27.0	-0.64	Buchnauer,G.,Jirovetz,L.,Nikiforov,A.1996.Comparative Investigation of Essential Clover Flower Oils from Austria Using Gas Chromatography-Flame Ionization Detection,Gas Chromatography-Mass Spectrometry,and Gas Chrom.-Olfactometry.J.Agrc.Food Chem.44:1827-8
Umbellularia californica	Plant	40.0	160.0	-0.39	*
Vaccinium corymbosum	Fruit	--	--		*
Vaccinium myrtillus	Fruit Juice	--	--		*
Valeriana officinalis	Root	--	--		*
Valeriana officinalis	Leaf Essent. Oil	2300.0	25500.0	-0.57	*
Valeriana officinalis	Root Essent. Oil	--	--		*
Vanilla planifolia	Fruit	--	--		*
Vetiveria zizanioides	Root	--	15.0	-0.7	*
Vitex agnus-castus	Fruit Essent. Oil	--	1036500.0	1.41	Jim Duke's personal files.
Vitex agnus-castus	Flower	--	--		Jim Duke's personal files.
Vitex agnus-castus	Leaf	--	6.0	-0.44	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 Vitex agnus-castus L. J. Essential Oil Research, 2: 115-119.
Vitex agnus-castus	Fruit	590.0	4000.0	-0.18	*
Vitex agnus-castus	Leaf Essent. Oil	--	112100.0	-0.18	Jim Duke's personal files.
Vitis vinifera	Plant	--	--		Stitt, Paul. Why George should eat broccoli.

Zanthoxylum alatam	Fruit	--	--		ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Zea mays	Husk Essent. Oil	--	--		*
Zea mays	Seed Essent. Oil	--	--		*
Zea mays	Leaf	--	--		*
Zea mays	Silk Essent. Oil	--	7000.0		*
Zea mays	Silk Stigma Style	--	--		*
Zingiber officinale	Rhizome Essent. Oil	--	21000.0	1.41	*
Zingiber officinale	Rhizome	17.0	1050.0	0.67	*