

Plant Name	Plant Part	Low Parts Per Million	High Parts Per Million	Standard Deviation	Reference
Abies alba	Leaf	25.0	35.0	-0.4	Duke, 1992 *
Achillea millefolium	Leaf	9.0	1185.0	0.6	Duke, 1992 *
Acorus calamus	Rhizome	0.0	50.0	-0.5	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Aloysia citrodora	Plant	1.0	7.0	-0.4	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Anethum graveolens	Fruit	336.0	3773.0	-0.1	Duke, 1992 *
Angelica archangelica	Root	40.0	980.0	1.7	Duke, 1992 *
Angelica sinensis	Root	not available	not available	not available	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
Apium graveolens	Fruit Essent. Oil	2000.0	31000.0	1.1	Duke, 1992 *
Apium graveolens	Root Essent. Oil	not available	31000.0	1.4	Duke, 1992 *
Apium graveolens	Et	not available	17000.0	1.0	Duke, 1992 *
Apium graveolens	Seed	20.0	930.0	-0.5	Duke, 1992 *
Aralia cordata	Root	not available	5.0	-0.6	Duke, 1992 *
Artemisia annua	Plant	not available	not available	not available	Duke, 1992 *
Artemisia capillaris	Essential Oil	not available	not available	not available	Duke, 1992 *
Artemisia dracunculul	Shoot	not available	not available	not available	Duke, 1992 *
Artemisia herba-alba	Plant	not available	not available	not available	Duke, 1992 *
Boswellia sacra	Essential Oil	3925.0	87000.0	0.1	Duke, 1992 *

Plant Name	Plant Part	Low Parts Per Million	High Parts Per Million	Standard Deviation	Reference
Canarium indicum	Essential Oil	1500.0	3750.0	-0.6	Duke, 1992 *
Capsicum annuum	Fruit	not available	not available	not available	Duke, 1992 *
Carthamus tinctorius	Bud	not available	0.0	not available	Duke, 1992 *
Carthamus tinctorius	Leaf	not available	0.0	-0.4	Duke, 1992 *
Chamaemelum nobile	Plant	not available	not available	not available	Duke, 1992 *
Chenopodium ambrosioides	Leaf	365.0	4400.0	3.3	Duke, 1992 *
Cinnamomum aromaticum	Plant	not available	not available	not available	Duke, 1992 *
Cinnamomum camphora	Leaf	not available	5.0	-0.4	Duke, 1992 *
Cinnamomum verum	Bark	39.0	448.0	not available	Duke, 1992 *
Cistus ladaniferus	Leaf	16.0	1120.0	0.5	Duke, 1992 *
Citrullus colocynthis	Petiole	not available	not available	not available	Duke, 1992 *
Citrus aurantiifolia	Fruit	50.0	1160.0	-0.4	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Citrus aurantium	Leaf	100.0	270.0	-0.2	Duke, 1992 *
Citrus limon	Essential Oil	12.0	31.0	-0.6	Duke, 1992 *
Citrus reticulata	Fruit	0.0	0.1	-0.6	Duke, 1992 *
Citrus sinensis	Fruit	3590.0	4070.0	0.0	Duke, 1992 *
Cnicus benedictus	Essential Oil	not available	not available	not available	Wichtl, M. 1984. Teedrogen. Ein Handbuch für Apotheker und Ärzte. Wissenschaftliche Verlagsgesellschaft. mbH Stuttgart. 393 pp.
Coriandrum sativum	Fruit	74.0	728.0	-0.5	Duke, 1992 *

Plant Name	Plant Part	Low Parts Per Million	High Parts Per Million	Standard Deviation	Reference
Croton eluteria	Bark	not available	not available	not available	Duke, 1992 *
Cuminum cyminum	Fruit	810.0	12639.0	1.1	Duke, 1992 *
Cunila origanoides	Shoot	not available	3388.0	2.2	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Curcuma longa	Rhizome	210.0	5184.0	2.0	Duke, 1992 *
Cymbopogon nardus	Plant	not available	not available	not available	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Cymbopogon parkeri	Plant	not available	not available	not available	Rizk, A.F.M., The Phytochemistry of the Flora of Qatar, Scientific and Applied Research Centre, University of Qatar, Kingprint, Richmond, UK, 1986.
Daucus carota	Root	not available	12.0	-0.6	Duke, 1992 *
Daucus carota	Seed	10.0	160.0	-0.7	Duke, 1992 *
Elettaria cardamomum	Fruit	130.0	28000.0	3.1	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.
Eryngium foetidum	Plant	4.5	22.5	-0.4	Duke, 1992 *
Eucalyptus citriodora	Leaf	10.0	180.0	-0.3	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Eucalyptus globulus	Leaf	not available	not available	not available	Leung, A.Y., Encyclopedia of Common Natural Ingredients Used in Food, Drugs, and Cosmetics, John Wiley & Sons, New York, 1980.
Ficus carica	Leaf	not available	not available	not available	Rizk, A.F.M. and Al-Nowaihi, A.S., The Phytochemistry of the Horticultural Plants of Qatar, Scientific and Applied Research Centre, University of Qatar.
Foeniculum vulgare	Fruit	20.0	480.0	-0.5	Duke, 1992 *

Plant Name	Plant Part	Low Parts Per Million	High Parts Per Million	Standard Deviation	Reference
Ginkgo biloba	Wood	not available	not available	not available	Kameoka, H. and Nakai, K. 1987. Components of essential oil from the root of Glycyrrhiza-glabra. Nippon Gokeikagaku Kaishi 61(9): 1119-1122.
Glechoma hederacea	Plant	not available	not available	not available	Chemical Constituents of Oriental Herbs (3 diff. books)
Glycyrrhiza glabra	Root	not available	not available	not available	Duke, 1992 *
Hedeoma hispida	Plant	not available	10.0	-0.4	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Helianthus annuus	Flower	not available	not available	not available	Rizk, A.F.M. and Al-Nowaihi, A.S., The Phytochemistry of the Horticultural Plants of Qatar, Scientific and Applied Research Centre, University of Qatar.
Humulus lupulus	Fruit	not available	not available	not available	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Hyptis suaveolens	Shoot	not available	90.0	-0.4	Mallvarapu, G.R., Ramesh, S., Kaul, P.N., Bhattacharya, A.K., and Rao, B.R.R. 1993. The Essential Oil of Hyptis suaveolens (L.) Poit. J. Ess. Oil Res. 5: 321.
Hyptis suaveolens	Shoot	not available	90.0	-0.4	Mallvarapu, G.R., Ramesh, S., Kaul, P.N., Bhattacharya, A.K., and Rao, B.R.R. 1993. The Essential Oil of Hyptis suaveolens (L.) Poit. J. Ess. Oil Res. 5: 321.
Hyssopus officinalis	Plant	6.0	180.0	-0.4	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Illicium verum	Fruit	1.0	100.0	-0.6	Duke, 1992 *
Juniperus communis	Fruit	48.0	480.0	-0.5	List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Lantana camara	Leaf	not available	not available	not available	Duke, 1992 *
Laurus nobilis	Leaf	62.0	540.0	0.0	Duke, 1992 *
Lavandula latifolia	Plant	26.0	98.0	-0.4	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.

Plant Name	Plant Part	Low Parts Per Million	High Parts Per Million	Standard Deviation	Reference
Lavandula x intermedia	Plant	32.0	69.0	-0.4	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Leonotis leonurus	Se	not available	22.0	not available	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
Lepechinia calycina	Plant	not available	35.0	-0.4	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Levisticum officinale	Root	not available	not available	not available	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Magnolia denudata	Bark	not available	not available	not available	Duke, 1992 *
Magnolia denudata	Bulb	not available	not available	not available	Duke, 1992 *
Magnolia denudata	Flower	not available	not available	not available	Duke, 1992 *
Magnolia denudata	Leaf	not available	not available	not available	Duke, 1992 *
Magnolia denudata	Twig	not available	not available	not available	Duke, 1992 *
Marrubium vulgare	Plant	not available	not available	not available	Duke, 1992 *
Mentha aquatica	Shoot	not available	1.0	-0.5	Umemoto, K., Arai, T., Nii, H. and Furukawa, K. 1993. A New Chemotype of Mentha aquatica Containing Sesquiterpene Alcohols as Major Components. Nippon Nogeikagaku Kaishi 67(10): 1417-1419.
Mentha aquatica	Shoot	not available	2.0	-0.5	Umemoto, K., Arai, T., Nii, H. and Furukawa, K. 1993. A New Chemotype of Mentha aquatica Containing Sesquiterpene Alcohols as Major Components. Nippon Nogeikagaku Kaishi 67(10): 1417-1419.

Plant Name	Plant Part	Low Parts Per Million	High Parts Per Million	Standard Deviation	Reference
Mentha aquatica	Shoot	not available	2.0	-0.5	Umemoto, K., Arai, T., Nii, H. and Furukawa, K. 1993. A New Chemotype of Mentha aquatica Containing Sesquiterpene Alcohols as Major Components. Nippon Nogeikagaku Kaishi 67(10): 1417-1419.
Mentha aquatica	Shoot	not available	2.0	-0.5	Umemoto, K., Arai, T., Nii, H. and Furukawa, K. 1993. A New Chemotype of Mentha aquatica Containing Sesquiterpene Alcohols as Major Components. Nippon Nogeikagaku Kaishi 67(10): 1417-1419.
Mentha aquatica	Shoot	not available	1.0	-0.5	Umemoto, K., Arai, T., Nii, H. and Furukawa, K. 1993. A New Chemotype of Mentha aquatica Containing Sesquiterpene Alcohols as Major Components. Nippon Nogeikagaku Kaishi 67(10): 1417-1419.
Mentha arvensis var. piperascens	Leaf	9.0	29.0	-0.4	Duke, 1992 *
Mentha longifolia	Shoot	1.0	23.0	-0.5	Duke, 1992 *
Mentha pulegium	Plant	3.0	610.0	-0.3	Duke, 1992 *
Mentha spicata	Leaf	not available	not available	not available	Duke, J. A. Writeups or information summaries on approximately 2,000 economic plants, USDA, ARS, Beltsville, MD 20705.
Mentha x piperita	Leaf	2.5	30.0	-0.4	Duke, 1992 *
Mentha x rotundifolia	Shoot	14.0	230.0	-0.3	Duke, 1992 *
Monarda clinopodia	Plant	not available	218.0	-0.4	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Monarda didyma	Flower	not available	405.0	1.0	Flavour and Fragrance Journal, 6: 80.
Monarda didyma	Leaf	140.0	270.0	-0.2	Duke, 1992 *
Monarda didyma	Plant	120.0	1850.0	0.1	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Monarda fistulosa	Plant	3.0	15810.0	3.7	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.

Plant Name	Plant Part	Low Parts Per Million	High Parts Per Million	Standard Deviation	Reference
Monarda lindheimeri	Plant	not available	1315.0	-0.1	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Monarda media	Plant	14.0	528.0	-0.3	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Monarda punctata	Plant	65.0	3384.0	0.5	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Monarda ruseliana	Plant	not available	923.0	-0.2	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Myristica fragrans	Seed	120.0	960.0	-0.5	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Myroxylon balsamum	Plant	not available	not available	not available	Duke, 1992 *
Myrtus communis	Plant	30.0	106.0	-0.4	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Ocimum basilicum	Plant	1.0	16.0	-0.4	Duke, J. A. Writeups or information summaries on approximately 2,000 economic plants, USDA, ARS, Beltsville, MD 20705.
Origanum majorana	Plant	21.0	210.0	-0.4	Duke, 1992 *
Origanum onites	Plant	not available	227.0	-0.4	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Origanum onites	Shoot	not available	1160.0	0.4	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 onites	Shoot	not available	1160.0	0.4	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.
Pastinaca sativa	Root	not available	not available	not available	Duke, 1992 *

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Pelargonium graveolens	Essential Oil	1.0	2.0	-0.6	Duke, 1992 *
Petroselinum crispum	Leaf	not available	1.4	-0.4	Duke, 1992 *
Petroselinum crispum	Seed	not available	34.0	-0.7	Duke, 1992 *
Peumus boldus	Leaf	1380.0	8580.0	6.7	Duke, 1992 *
Pimenta dioica	Leaf	not available	78.0	-0.3	Duke, 1992 *
Pimenta racemosa	Leaf	16.0	750.0	0.2	Duke, 1992 *
Pinus palustris	Resin, Exudate, Sap	not available	not available	not available	Leung, A.Y., Encyclopedia of Common Natural Ingredients Used in Food, Drugs, and Cosmetics, John Wiley & Sons, New York, 1980.
Piper betel	Leaf	25.0	1050.0	0.5	Duke, 1992 *
Piper nigrum	Fruit	not available	150.0	-0.6	Duke, 1992 *
Prunus armeniaca	Leaf	not available	not available	not available	Duke, 1992 *
Pycnanthemum beadlei	Shoot	not available	21.0	-0.5	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Pycnanthemum californicum	Shoot	not available	not available	not available	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Pycnanthemum clinopodioides	Shoot	63.0	66.0	-0.4	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Pycnanthemum incanum	Shoot	22.0	38.0	-0.5	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Pycnanthemum loomisii	Shoot	33.0	84.0	-0.4	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Pycnanthemum muticum	Shoot	not available	not available	not available	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.

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Pycnanthemum pycnanthemoides	Shoot	39.0	58.0	-0.5	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Pycnanthemum tenuifolium	Shoot	1.0	140.0	-0.4	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Pycnanthemum torreyi	Shoot	not available	30.0	-0.5	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Pycnanthemum verticillatum	Shoot	not available	42.0	-0.5	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Pycnanthemum virginianum	Shoot	6.0	290.0	-0.3	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Ribes nigrum	Fruit	not available	not available	not available	List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Rosmarinus officinalis	Leaf	not available	25.0	-0.4	Soliman, F.M., El-Kashoury, M.M., Fathy, M.M. and Gonaïd, M.H. 1994. Analysis and Biological Activity of the Essential Oil of Rosmarinus officinalis L. from Egypt. Flavour and Fragrance J. 9: 29-33.
Rosmarinus officinalis	Leaf	not available	25.0	-0.4	Soliman, F.M., El-Kashoury, M.M., Fathy, M.M. and Gonaïd, M.H. 1994. Analysis and Biological Activity of the Essential Oil of Rosmarinus officinalis L. from Egypt. Flavour and Fragrance J. 9: 29-33.
Rosmarinus officinalis	Plant	25.0	950.0	-0.2	Duke, 1992 *
Rosmarinus officinalis	Shoot	not available	6.0	-0.5	Tucker, A. O. and Maciarello, M. J. 1998. The essential oils of some rosemary cultivars. Flavor and Fragrance Journal, 1: 137-142. 1986.
Rosmarinus officinalis	Shoot	100.0	465.0	-0.1	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.

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Rosmarinus officinalis	Shoot	190.0	480.0	-0.1	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.
Salvia officinalis	Shoot	15.0	495.0	-0.1	Duke, 1992 *
Salvia sclarea	Plant	1.0	27.0	-0.4	Flavour and Fragrance Journal, 6: 154.
Satureja douglasii	Plant	not available	26.0	-0.4	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Satureja hortensis	Plant	200.0	3060.0	0.4	Duke, 1992 *
Satureja montana	Plant	45.0	6210.0	1.2	Duke, 1992 *
Saussurea lappa	Root Essent. Oil	not available	not available	not available	Duke, 1992 *
Stachys germanica	Plant	not available	13.0	-0.4	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Teucrium polium	Plant	not available	not available	not available	Rizk, A.F.M., The Phytochemistry of the Flora of Qatar, Scientific and Applied Research Centre, University of Qatar, Kingprint, Richmond, UK, 1986.
Thymus capitatus	Plant	10.0	550.0	-0.3	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Thymus capitatus	Shoot	not available	45.0	-0.5	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.
Thymus mastichina	Plant	130.0	340.0	-0.3	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Thymus oropedanus	Plant	not available	3939.0	0.6	J. Nat. Prod.
Thymus serpyllum	Plant	237.0	3285.0	0.4	Duke, 1992 *
Thymus vulgaris	Plant	146.0	20800.0	5.0	Duke, 1992 *

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Trachyspermum ammi	Fruit	6240.0	9512.0	0.7	Duke, 1992 *
Umbellularia californica	Plant	100.0	400.0	-0.3	Duke, 1992 *
Vetiveria zizanioides	Root	not available	15.0	-0.6	Duke, 1992 *
Vitex agnus-castus	Leaf	not available	10.0	-0.4	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.
Zingiber officinale	Rhizome	not available	90.0	-0.5	Duke, 1992 *
Pinus walliciana	Resin, Exudate, Sap	not available	not available	not available	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Aegle marmelos	Leaf	not available	1020.0	0.4	Duke, 1992 *
Melaleuca alternifolia	Leaf	300.0	2855.0	2.0	Duke, 1992 *
Melaleuca linariifolia	Leaf	150.0	200.0	-0.2	Guenther, E., The Essential Oils, 6 volumes, D. van Nostrand, New York, 1948-1952.
Ocimum gratissimum	Plant	160.0	1945.0	0.1	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Litsea glaucescens	Shoot	30.0	40.0	-0.5	Tucker, et al, EB46(1):21-24.1992
Calamintha nepeta	Leaf	not available	1.0	-0.4	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	not available	9.0	-0.5	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

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Elsholtzia blanda	Shoot	not available	0.5	-0.5	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
Micromeria myrtifolia	Shoot	not available	0.1	-0.5	Ozek, T., Kirimer, N., and Baser, K.H.C. 1992. Composition of the Essential Oil of Micromeria myrtifolia Boiss. et Hohen. J. Ess. Oil Res., 4: 79-80.
Acinos suaveolens	Shoot	not available	4.0	-0.5	Tumen, G. 1991. The Volatile Constituents of Acinos suaveolens (Sibt. et Smith). G. Don fil. Growing in Turkey. J. Ess. Oil Res. 3:191-2.
Hyssopus officinalis	Shoot	not available	0.1	-0.5	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	not available	not available	not available	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.
Calamintha nepeta	Plant	not available	65.0	-0.4	J. Ethnopharmacology, 39: 167.
Cleonia lusitanica	Leaf	2.0	3.0	-0.4	Perez-Alonso, M., Velasco-Negueruela, A., and Lopez-Saez, A. 1991. The Essential Oil of Cleonia lusitanica. J. Ess. Oil Res., 3: 441-442.
Coridothymus capitatus	Shoot	not available	1275.0	0.5	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.
Elsholtzia pilosa	Shoot	not available	0.6	-0.5	Duke, 1992 *

Plant Name	Plant Part	Low Parts Per Million	High Parts Per Million	Standard Deviation	Reference
Elsholtzia polystachya	Leaf	not available	4.2	-0.4	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	not available	3.6	-0.4	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.
Lavandula x hybrida	Shoot	7.0	13.0	-0.5	Tucker, A.O., Maciarello, 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.
Micromeria congesta	Leaf	1.0	5.0	-0.4	Kirimer, N., Ozek, T., and Baser, K.H.C. 1991. Composition of the Essential Oil of Micromeria congesta. J. Ess. Oil Res., 3: 387-393.
Micromeria croatica	Leaf	not available	15.0	-0.4	Kirimer, N., Ozek, T., and Baser, K.H.C. 1991. Composition of the Essential Oil of Micromeria congesta. J. Ess. Oil Res., 3: 387-393.
Micromeria dalmatica	Leaf	not available	13.0	-0.4	Kirimer, N., Ozek, T., and Baser, K.H.C. 1991. Composition of the Essential Oil of Micromeria congesta. J. Ess. Oil Res., 3: 387-393.
Micromeria juliana	Leaf	not available	0.0	-0.4	Kirimer, N., Ozek, T., and Baser, K.H.C. 1991. Composition of the Essential Oil of Micromeria congesta. J. Ess. Oil Res., 3: 387-393.
Micromeria teneriffae	Leaf	not available	50.0	-0.4	Kirimer, N., Ozek, T., and Baser, K.H.C. 1991. Composition of the Essential Oil of Micromeria congesta. J. Ess. Oil Res., 3: 387-393.
Micromeria thymifolia	Leaf	not available	0.0	-0.4	Kirimer, N., Ozek, T., and Baser, K.H.C. 1991. Composition of the Essential Oil of Micromeria congesta. J. Ess. Oil Res., 3: 387-393.

Plant Name	Plant Part	Low Parts Per Million	High Parts Per Million	Standard Deviation	Reference
Origanum minutiflorum	Shoot	760.0	2290.0	1.3	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.
Rosmarinus tomentosus	Shoot	55.0	210.0	-0.3	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	60.0	275.0	-0.3	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 mendizabalii	Shoot	43.0	60.0	-0.5	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.
Salvia canariensis	Leaf	not available	42.0	-0.4	Casnigueral,S., Iglesias,J., Vila,R., Virgili,A. and Ibanez,C.1994. The Essential Oil from Leaves of Salvia canariensis L. Flav. & Frag. J. 9:201-204. S. Canigueral, Facultat de Farmacia, Universitat de Barcelona, Ave.Diagonal 643,E-08028, Barcelone Spain
Salvia dorisiana	Shoot	9.6	10.6	-0.5	Tucker, A.O. & Maciarello, M.J. 1994. The Essential Oil of Salvia dorisiana Standley. J. Ess. Oil Res. 6: 97-8.
Salvia gilliesii	Shoot	not available	52.0	-0.5	Velasco-Negueruela, A. et al. 1993. The Essential Oil of Salvia gilliesii Benth. J. Ess. Oil Res. 5: 319-320.
Satureja cilicica	Shoot	not available	1150.0	0.4	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 cuneifolia	Shoot	not available	2980.0	1.9	Tumen, G. 1991. The Volatile Constituents of Satureja cuneifolia. J. Ess. Oil Res., 3: 365-366.

Plant Name	Plant Part	Low Parts Per Million	High Parts Per Million	Standard Deviation	Reference
Satureja odora	Shoot	not available	50.0	-0.5	Zygadlo, J.A., Merino. E.F., Maestri, D.M., Guzman, C.A. and Espinar, L.A. 1993. The Essential Oils of Satureja odora and Satureja parvifolia from Argentina. J. Ess. Oil Res. 5: 549-51.
Satureja parvifolia	Shoot	not available	0.0	-0.5	Zygadlo, J.A., Merino. E.F., Maestri, D.M., Guzman, C.A. and Espinar, L.A. 1993. The Essential Oils of Satureja odora and Satureja parvifolia from Argentina. J. Ess. Oil Res. 5: 549-51.
Satureja subspicata	Plant	not available	50.0	-0.4	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 thymbra	Shoot	not available	5070.0	3.5	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.
Sideritis athoa	Shoot	not available	2.0	-0.5	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.
Sideritis germanicolpitana	Plant	not available	2.0	-0.4	J. Essential Oil, 4: 533.
Sideritis mugronensis	Flower	35.0	75.0	-0.8	Manez, S., Jimenez, A., and Villar, A. 1991. Volatiles of Sideritis mugronensis Flower and Leaf. J. Ess. Oil Res., 3: 395-397.
Sideritis mugronensis	Leaf	3.0	5.0	-0.4	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	not available	3.0	-0.5	Burzaco, A., Velasco-Negueruela, A. and Perez-Alonso, M.J. 1992. Essential Oil Analysis of Sideritis pauli Pau. FFJ7: 47-8. 1992.
Teucrium asiaticum	Shoot	not available	0.6	-0.5	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.

Plant Name	Plant Part	Low Parts Per Million	High Parts Per Million	Standard Deviation	Reference
Teucrium cypricum	Leaf	not available	170.0	-0.3	Arnold, N., Bellomaria, B., Velentini G. and Rafeiani, S.M. 1991. Comparative Study on Essential Oil of Some Teucrium Species from Cyprus. J. Ethnopharm. 35: 105-113.
Teucrium divaricatum	Leaf	not available	0.0	-0.4	Arnold, N., Bellomaria, B., Velentini G. and Rafeiani, S.M. 1991. Comparative Study on Essential Oil of Some Teucrium Species from Cyprus. J. Ethnopharm. 35: 105-113.
Teucrium gnaphalodes	Shoot	not available	0.0	-0.5	Perez-Alonso, M.J. Velasco-Negueruela, A. and Lopez-Saez, J.A. 1993. The Essential Oils of Two Iberian Teucrium Species. J. Ess. Oil Res. 5: 397-402.
Teucrium kotschyianum	Leaf	not available	0.0	-0.4	Arnold, N., Bellomaria, B., Velentini G. and Rafeiani, S.M. 1991. Comparative Study on Essential Oil of Some Teucrium Species from Cyprus. J. Ethnopharm. 35: 105-113.
Teucrium micropodioides	Leaf	not available	0.0	-0.4	Arnold, N., Bellomaria, B., Velentini G. and Rafeiani, S.M. 1991. Comparative Study on Essential Oil of Some Teucrium Species from Cyprus. J. Ethnopharm. 35: 105-113.
Teucrium pseudoscorodonia	Shoot	not available	0.1	-0.5	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.
Teucrium salviastrum	Shoot	not available	0.3	-0.5	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 broussonettii	Shoot	not available	1350.0	0.6	Tantaoui-Elaraki, A., Lattaoui, N., Errifi, A. and Benjilali, 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 cilicicus	Shoot	not available	170.0	-0.4	Tumen, G., Koyuncu, M., Kirimer, N., and Baser, K.H.C. 1994. Composition of the Essential Oil of Thymus cilicicus Boiss. & Bal. J. Ess. Oil Res. 6: 97-8.

Plant Name	Plant Part	Low Parts Per Million	High Parts Per Million	Standard Deviation	Reference
Thymus riatarum	Shoot	not available	2100.0	1.2	Iglesias, J., Vila, R., Canigueral, S., Bellakdhar, and Il Idrissi, A. 1991. Analysis of the Essential Oil of Thymus riatarum. J. Ess. Oil Res. 3: 43-4.
Thymus saturejoides	Shoot	not available	460.0	-0.1	Tantaoui-Elaraki, A., Lattaoui, N., Errifi, A. and Benjilali, 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.
Trichostemma dichotomum	Shoot	not available	0.3	-0.5	Tucker, A.O. and Maciarelo, M.J. 1990. The Essential Oil of Trichostemma dichotomum. J. Ess. Oil Res. 2: 149-150.
Elsholtzia nipponica	Plant	not available	not available	not available	Chemical Constituents of Oriental Herbs (3 diff. books)
Micromeria fruticosa	Leaf	not available	150.0	-0.3	Kirimer, N., Ozek, T., and Baser, K.H.C. 1991. Composition of the Essential Oil of Micromeria congesta. J. Ess. Oil Res., 3: 387-393.
Micromeria fruticosa	Shoot	not available	2.0	-0.5	Fleisher, Z. and Fleisher, A. 1991. The Essential Oil of Micromeria fruticosa (L.) Druce subsp. barbata (Boiss et. Ky.), P.H. Davis. Aromatic Plants of the Holy Land and the Sinai. Part VII. J. Ess. Oil Res 3: 477-479.
Micromeria fruticosa	Shoot	not available	2.0	-0.5	Fleisher, Z. and Fleisher, A. 1991. The Essential Oil of Micromeria fruticosa (L.) Druce subsp. barbata (Boiss et. Ky.), P.H. Davis. Aromatic Plants of the Holy Land and the Sinai. Part VII. J. Ess. Oil Res 3: 477-479.
Monarda citriodora	Flower	not available	420.0	1.0	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 citriodora	Leaf	not available	1600.0	0.9	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.

Plant Name	Plant Part	Low Parts Per Million	High Parts Per Million	Standard Deviation	Reference
Nepeta racemosa	Shoot	not available	155.0	-0.4	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	not available	155.0	-0.4	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.
Origanum sipyleum	Shoot	not available	3345.0	2.2	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	not available	870.0	0.2	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	not available	5150.0	3.6	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	not available	3345.0	2.2	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 syriacum	Shoot	not available	3135.0	2.0	Fleisher, A. & Fleisher, Z. 1991. Chemical Composition of Origanum syriacum L. Essential Oil. J. Ess. Oil Res. 3: 121-123.
Origanum syriacum	Shoot	not available	1880.0	1.0	Fleisher, A. & Fleisher, Z. 1991. Chemical Composition of Origanum syriacum L. Essential Oil. J. Ess. Oil Res. 3: 121-123.
Origanum syriacum	Shoot	not available	3135.0	2.0	Fleisher, A. & Fleisher, Z. 1991. Chemical Composition of Origanum syriacum L. Essential Oil. J. Ess. Oil Res. 3: 121-123.
Origanum vulgare	Plant	not available	1.0	-0.4	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 Name	Plant Part	Low Parts Per Million	High Parts Per Million	Standard Deviation	Reference
Origanum vulgare	Shoot	not available	3420.0	2.2	Lagouri, V., Blekas, G., Tsimidou, M., Kokkini, S., and Boskou, D. 1993. Composition and Antioxidant Activity of Essential Oils from Origanum Plants Grown Wild in Greece. Z. Lebensm Unters Forsch 197: 20-23.
Origanum vulgare	Plant	not available	2600.0	0.3	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	Plant	not available	3.0	-0.4	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	Plant	not available	1.0	-0.4	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.
Rosmarinus erioocalyx	Shoot	160.0	305.0	-0.3	Soriano Cano, M.C., Sotomayor Sanchez, J.A., Sanchez Gomez, P. and Garcia Vallejo, M.C. 1993. Essential Oils of the Rosmarinus erioocalyx-tomentosus Complex in Southeast Spain. J. Ess. Oil Res. 5: 243-246.
Rosmarinus erioocalyx	Shoot	295.0	645.0	0.0	Soriano Cano, M.C., Sotomayor Sanchez, J.A., Sanchez Gomez, P. and Garcia Vallejo, M.C. 1993. Essential Oils of the Rosmarinus erioocalyx-tomentosus Complex in Southeast Spain. J. Ess. Oil Res. 5: 243-246.
Satureja obovata	Leaf	not available	100.0	-0.3	Arrebola, M.L., Navaro, M.C., Jimenez, J. and Ocana, F.A. 1994. Variations in Yield and Composition of the Essential Oil of Satureja obovata. Phytochemistry 35(1): 83.
Satureja obovata	Leaf	not available	990.0	0.4	Arrebola, M.L., Navaro, M.C., Jimenez, J. and Ocana, F.A. 1994. Variations in Yield and Composition of the Essential Oil of Satureja obovata. Phytochemistry 35(1): 83.

Plant Name	Plant Part	Low Parts Per Million	High Parts Per Million	Standard Deviation	Reference
Satureja obovata	Leaf	not available	1230.0	0.6	Arrebola, M.L., Navaro, M.C., Jimenez, J. and Ocana, F.A. 1994. Variations in Yield and Composition of the Essential Oil of Satureja obovata. Phytochemistry 35(1): 83.
Satureja obovata	Leaf	not available	100.0	-0.3	Arrebola, M.L., Navaro, M.C., Jimenez, J. and Ocana, F.A. 1994. Variations in Yield and Composition of the Essential Oil of Satureja obovata. Phytochemistry 35(1): 83.
Satureja obovata	Shoot	50.0	1235.0	0.5	Fitoterapia No.60: 277.
Teucrium arduini	Shoot	not available	16.0	-0.5	Blazevic, N., Kalodera, Z., Petricic, J., and Plazibat, M. 1992. Essential Oil Content and Composition of Teucrium arduini L. J. Ess. Oil Res. 4: 223-225.
Teucrium arduini	Shoot	not available	4.0	-0.5	Blazevic, N., Kalodera, Z., Petricic, J., and Plazibat, M. 1992. Essential Oil Content and Composition of Teucrium arduini L. J. Ess. Oil Res. 4: 223-225.
Teucrium oxylepis	Shoot	not available	0.8	-0.5	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.
Teucrium oxylepis	Shoot	not available	1.4	-0.5	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.
Teucrium polium	Shoot	3.0	19.0	-0.5	Perez-Alonso, M.J. Velasco-Negueruela, A. and Lopez-Saez, J.A. 1993. The Essential Oils of Two Iberian Teucrium Species. J. Ess. Oil Res. 5: 397-402.
Teucrium scorodonia	Shoot	not available	0.1	-0.5	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	not available	3.0	-0.5	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.

Plant Name	Plant Part	Low Parts Per Million	High Parts Per Million	Standard Deviation	Reference
Thymus longicaulis	Shoot	not available	40.0	-0.5	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	not available	3.0	-0.5	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 zygis	Shoot	940.0	4220.0	2.8	De Cunha, A.P. and Salguiero, L.R. 1991. The Chemical Polymorphism of Thymus zygis ssp. sylvestris from Central Portugal. J. Ess. Oil Res. 3: 409-12.
Thymus zygis	Shoot	not available	825.0	0.2	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 zygis	Shoot	not available	825.0	0.2	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.
Micromeria varia	Shoot	not available	3.0	-0.5	Pedro, L.G., et al. 1995. Composition of the Essential oil of Micromeria varia Benth. ssp. thymoides (Sol. ex Lowe) Perez var. thymoides, and endemic species of the Madeira Archipelago. flav. & Fragr. J. 10(3): 199-202.
Micromeria varia	Shoot	not available	3.0	-0.5	Duke, 1992 *
Thymus x citriodorus	Plant	not available	10.0	-0.4	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.
Thymus funkii	Shoot	not available	50.0	-0.5	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.

Plant Name	Plant Part	Low Parts Per Million	High Parts Per Million	Standard Deviation	Reference
Thymus funkii	Shoot	not available	65.0	-0.4	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.
Artemisia salsoloides	Shoot	not available	6500.0	4.7	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.
Citrus aurantium	Plant	not available	not available	not available	Duke, 1992 *
Monarda citriodora	Plant	859.0	1038.0	-0.2	Duke, 1992 *
Origanum vulgare	Plant	3.0	3237.0	0.4	Duke, 1992 *
Artemisia annua	Shoot	10.0	400.0	-0.2	Duke, 1992 *
Mentha spicata	Essential Oil	not available	2000.0	-0.6	Duke, 1992 *
Angelica archangelica	Seed	800.0	5050.0	0.6	Wealth of India.
Cnicus benedictus	Shoot	not available	not available	not available	Jim Duke's personal files.
Eucalyptus populnea	Leaf	not available	22.0	-0.4	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 sparsa	Leaf	not available	115.0	-0.3	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

Plant Name	Plant Part	Low Parts Per Million	High Parts Per Million	Standard Deviation	Reference
Eucalyptus largisparsa	Leaf	not available	39.0	-0.4	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 cuprea	Leaf	not available	32.0	-0.4	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 behriana	Leaf	not available	575.0	0.1	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 intertexta	Leaf	not available	41.0	-0.4	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 ochrophloia	Leaf	not available	42.0	-0.4	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
Stevia rebaudiana	Flower	not available	20.0	-1.1	Kinghorn, A. D. (Ed.) 2002. Medicinal and Aromatic Plants - Industrial Profiles. Stevia. The genus Stevia. Taylor & Francis. New York, NY. 211 pp.

Plant Name	Plant Part	Low Parts Per Million	High Parts Per Million	Standard Deviation	Reference
Stevia rebaudiana	Leaf	not available	8.0	-0.4	Kinghorn, A. D. (Ed.) 2002. Medicinal and Aromatic Plants - Industrial Profiles. Stevia. The genus Stevia. Taylor & Francis. New York, NY. 211 pp.
Eucalyptus lansdowneana	Leaf	not available	185.0	-0.2	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 porosa	Leaf	not available	220.0	-0.2	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 odorata	Leaf	not available	1095.0	0.5	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 desquamata	Leaf	not available	1015.0	0.4	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 melanophloia	Leaf	not available	21.0	-0.4	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

Plant Name	Plant Part	Low Parts Per Million	High Parts Per Million	Standard Deviation	Reference
Eucalyptus leucoxylon	Leaf	not available	22.0	-0.4	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
Melaleuca cajuputi	Leaf	not available	420.0	-0.1	Duke, 1992 *
Agathosma betulina	Leaf Essent. Oil	not available	not available	not available	Duke, 1992 *
Vitex agnus-castus	Leaf Essent. Oil	not available	14400.0	-0.6	Jim Duke's personal files.
Vitex agnus-castus	Flower	not available	not available	not available	Jim Duke's personal files.
Vitex agnus-castus	Fruit	not available	not available	not available	Jim Duke's personal files.
Piper cubeba	Fruit Essent. Oil	not available	not available	not available	Duke, 1992 *
Eucalyptus viridis	Leaf	not available	2.0	-0.4	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 fasciculosa	Leaf	not available	125.0	-0.3	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
Anethum graveolens	Seed	40.0	3775.0	0.3	Duke, 1992 *
Foeniculum vulgare	Seed	20.0	480.0	-0.6	Duke, 1992 *

Plant Name	Plant Part	Low Parts Per Million	High Parts Per Million	Standard Deviation	Reference
Foeniculum vulgare	Essential Oil	1000.0	10000.0	-0.6	Jim Duke's personal files.
Foeniculum vulgare	Root Essent. Oil	not available	30000.0	1.4	Jim Duke's personal files.
Curcuma longa	Leaf	not available	310.0	-0.1	Duke, 1992 *
Ginkgo biloba	Essential Oil	not available	not available	not available	Jim Duke's personal files.
Momordica charantia	Seed Essent. Oil	not available	not available	not available	Jim Duke's personal files.
Marrubium vulgare	Essential Oil	not available	not available	not available	Duke, 1992 *
Hyssopus officinalis	Essential Oil	not available	not available	not available	Duke, 1992 *
Juniperus communis	Fruit Essent. Oil	not available	not available	not available	Duke, 1992 *
Coleus barbatus	Root Essent. Oil	not available	2000.0	-1.0	Jim Duke's personal files.
Coleus barbatus	Leaf Essent. Oil	not available	24600.0	-0.4	Jim Duke's personal files.
Coleus barbatus	Stem Essent. Oil	not available	24600.0	1.0	Jim Duke's personal files.
Eucalyptus albens	Shoot	not available	0.1	-0.5	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 angulosa	Leaf	not available	7.5	-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

Plant Name	Plant Part	Low Parts Per Million	High Parts Per Million	Standard Deviation	Reference
Pelargonium citrosum	Shoot	not available	1.4	-0.5	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.
Eucalyptus astringens	Shoot	not available	0.1	-0.5	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 blakelyi	Shoot	not available	0.1	-0.5	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 bosistoana	Shoot	not available	0.1	-0.5	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	Leaf Essent. Oil	4100.0	20000.0	-0.5	Jim Duke's personal files.
Citrus limon	Pericarp Essent. Oil	not available	not available	not available	Jim Duke's personal files.
Eucalyptus nova-anglica	Leaf	140.0	240.0	-0.2	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.
Eucalyptus botryoides	Shoot	not available	0.1	-0.5	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 brassiana	Leaf	not available	90.0	-0.3	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.

Plant Name	Plant Part	Low Parts Per Million	High Parts Per Million	Standard Deviation	Reference
Eucalyptus bridgesiana	Leaf	not available	580.0	0.1	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.
Eucalyptus camaldulensis	Shoot	not available	0.1	-0.5	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 ceratocorys	Leaf	not available	90.0	-0.3	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
Eucalyptus citriodora	Shoot	not available	4000.0	2.7	Duke, 1992 *
Eucalyptus cladocalyx	Shoot	not available	275.0	-0.3	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 dealbata	Shoot	not available	1180.0	0.4	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 diversicolor	Shoot	not available	0.1	-0.5	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 dolichorhyncha	Leaf	not available	160.0	-0.3	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

Plant Name	Plant Part	Low Parts Per Million	High Parts Per Million	Standard Deviation	Reference
Eucalyptus erythrandra	Leaf	not available	23.0	-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
Eucalyptus forrestiana	Leaf	not available	195.0	-0.2	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
Eucalyptus globulus	Shoot	not available	0.1	-0.5	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 incrassata	Leaf	not available	245.0	-0.2	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
Eucalyptus maculata	Shoot	not available	15.0	-0.5	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 maideni	Shoot	not available	0.1	-0.5	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	not available	0.1	-0.5	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 Name	Plant Part	Low Parts Per Million	High Parts Per Million	Standard Deviation	Reference
Eucalyptus moluccana	Shoot	not available	0.1	-0.5	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 occidentalis	Shoot	not available	1955.0	1.0	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 oviformis	Shoot	not available	0.1	-0.5	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 polyanthemos	Shoot	not available	630.0	0.0	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 punctata	Shoot	not available	0.1	-0.5	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 saligna	Shoot	not available	800.0	0.1	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 siderophloia	Shoot	not available	0.1	-0.5	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 sideroxyylon	Shoot	not available	0.1	-0.5	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 Name	Plant Part	Low Parts Per Million	High Parts Per Million	Standard Deviation	Reference
Eucalyptus stoatei	Leaf	not available	225.0	-0.2	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
Eucalyptus tereticornis	Shoot	not available	0.1	-0.5	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 tetraptera	Leaf	not available	630.0	0.1	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
Chrysanthemum parthenium	Shoot	not available	9.0	-0.5	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.
Rosmarinus officinalis	Essential Oil	not available	50000.0	-0.2	Duke, 1992 *
Rosmarinus officinalis	Leaf Essent. Oil	not available	19000.0	-0.5	Duke, 1992 *
Rosmarinus officinalis	Resin, Exudate, Sap	not available	not available	not available	Duke, 1992 *
Rosmarinus officinalis	Shoot Essent. Oil	not available	105000.0	0.9	Duke, 1992 *
Crocus sativus	Silk Stigma Style	not available	not available	not available	Duke, 1992 *
Citrus reticulata	Leaf Essent. Oil	not available	162900.0	1.6	Duke, 1992 *
Thymus vulgaris	Essential Oil	78300.0	441300.0	3.0	Duke, 1992 *

Plant Name	Plant Part	Low Parts Per Million	High Parts Per Million	Standard Deviation	Reference
Valeriana officinalis	Root Essent. Oil	not available	not available	not available	Duke, 1992 *
Hypericum perforatum	Plant	0.5	9.0	-0.4	Duke, 1992 *
Valeriana officinalis	Root	not available	not available	not available	Duke, 1992 *
Boswellia serrata	Resin, Exudate, Sap	not available	22400.0	-1.0	Sabinsa: A series of well documented proprietary PR booklets, e.g. Sabinsa Corps. 1998. Bronchial Asthma - Its etiology and control with traditional herbal extracts. Sabinsa Corporation. Piscataway, NJ. 49 pp.
Elytrigia repens	Plant	not available	5.0	-0.4	Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
Elytrigia repens	Rhizome	not available	7.0	-0.5	Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
Cinnamomum verum	Leaf	55.0	140.0	-0.3	Duke, 1992 *
Citrus limon	Petiole	not available	7.5	not available	Duke, 1992 *
Citrus paradisi	Leaf	not available	385.0	-0.1	Duke, 1992 *
Citrus paradisi	Pericarp	not available	not available	not available	Duke, 1992 *
Ptychopetalum olacoides	Root Essent. Oil	not available	5000.0	-0.7	Uber Bucek, E., Fournier, G., Dadoun, H. 1987. Volatile Constituents of Ptychopetalum olacoides Root Oil. Planta Med. 53, 2: 231.
Boswellia sacra	Resin, Exudate, Sap	not available	35300.0	1.0	Chiavari, G., Galletti, 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.

Plant Name	Plant Part	Low Parts Per Million	High Parts Per Million	Standard Deviation	Reference
Boswellia sacra	Resin Essent. Oil	not available	0.5	not available	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.
Allium cepa	Fruit Juice	not available	not available	not available	Schmidt, N. E., et. al. 1996. Rapid Extraction Method of Quantitating the Lachrymatory Factor of Onion Using Gas Chromatography. J. Agric. Food Chem., 44(9): 2690-2693.
Perilla frutescens	Shoot Essent. Oil	not available	not available	not available	Nguyen, X. D., La, D. M., Lu'u, D. C., Leclercq, P. A. 1995. Essential Oil Constituents from the Aerial Parts of Perilla frutescens (L.) Britton. J. Essent. Oil Res., 7(4): 429-432.
Apium graveolens	Seed Essent. Oil	2000.0	31000.0	-0.1	Duke, 1992 *
Apium graveolens	Leaf Essent. Oil	not available	4000.0	-0.7	Duke, 1992 *
Apium graveolens	Stem Essent. Oil	not available	17000.0	-1.0	Duke, 1992 *
Coriandrum sativum	Seed Essent. Oil	not available	900.0	-1.5	Duke, 1992 *
Coriandrum sativum	Essential Oil	not available	not available	not available	Duke, 1992 *
Cuminum cyminum	Seed	810.0	12639.0	2.6	Duke, 1992 *
Cuminum cyminum	Essential Oil	not available	not available	not available	Duke, 1992 *
Cuminum cyminum	Seed Essent. Oil	not available	57400.0	1.2	Duke, 1992 *
Anethum graveolens	Leaf	30.0	4460.0	3.3	Duke, 1992 *
Mentha pulegium	Essential Oil	300.0	30500.0	-0.4	Duke, 1992 *

Plant Name	Plant Part	Low Parts Per Million	High Parts Per Million	Standard Deviation	Reference
Pinus sylvestris	Resin, Exudate, Sap	not available	not available	not available	Duke, 1992 *
Pinus sylvestris	Leaf Essent. Oil	not available	1600.0	-0.8	Duke, 1992 *
Rheum palmatum	Rhizome	not available	0.5	-0.5	Duke, 1992 *
Tanacetum parthenium	Shoot	not available	9.0	-0.5	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	Fruit Essent. Oil	not available	5000.0	-1.0	Duke, 1992 *
Tanacetum parthenium	Essential Oil	not available	31000.0	-0.4	Duke, 1992 *
Turnera diffusa	Leaf	not available	not available	not available	Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
Zingiber officinale	Rhizome Essent. Oil	not available	26000.0	not available	Duke, 1992 *
Melaleuca alternifolia	Leaf Essent. Oil	not available	21000.0	-0.5	Duke, 1992 *
Melaleuca alternifolia	Essential Oil	2000.0	49600.0	-0.2	Duke, 1992 *
Melaleuca alternifolia	Root Essent. Oil	not available	8430.0	-0.5	Duke, 1992 *
Melaleuca alternifolia	Resin, Exudate, Sap	not available	not available	not available	Duke, 1992 *
Eucalyptus citriodora	Leaf Essent. Oil	1000.0	5800.0	-0.7	Duke, 1992 *
Eucalyptus grandis	Leaf Essent. Oil	not available	161000.0	1.6	Duke, 1992 *

Plant Name	Plant Part	Low Parts Per Million	High Parts Per Million	Standard Deviation	Reference
Eucalyptus globulus	Leaf Essent. Oil	3400.0	146000.0	1.4	Duke, 1992 *
Eucalyptus globulus	Essential Oil	not available	5000.0	-0.6	Duke, 1992 *
Laurus nobilis	Leaf Essent. Oil	not available	198300.0	2.2	Duke, 1992 *
Elettaria cardamomum	Fruit Essent. Oil	not available	5000.0	-1.0	Duke, 1992 *
Elettaria cardamomum	Seed Essent. Oil	not available	not available	not available	Duke, 1992 *
Elettaria cardamomum	Root Essent. Oil	not available	7000.0	-0.6	Duke, 1992 *
Cinnamomum verum	Leaf Essent. Oil	not available	not available	not available	Duke, 1992 *
Cinnamomum verum	Root Bark	not available	not available	not available	Duke, 1992 *
Cinnamomum verum	Bark Essent. Oil	not available	5500.0	not available	Duke, 1992 *
Cinnamomum verum	Stem Bark	not available	not available	not available	Duke, 1992 *
Anethum graveolens	Shoot	not available	not available	not available	Duke, 1992 *
Anethum graveolens	Leaf Essent. Oil	not available	21700.0	-0.5	Duke, 1992 *
Anethum graveolens	Essential Oil	not available	not available	not available	Duke, 1992 *
Anethum graveolens	Seed Essent. Oil	not available	not available	not available	Duke, 1992 *
Anethum graveolens	Root Essent. Oil	not available	not available	not available	Duke, 1992 *

Plant Name	Plant Part	Low Parts Per Million	High Parts Per Million	Standard Deviation	Reference
Pimenta dioica	Leaf Essent. Oil	not available	not available	not available	Duke, 1992 *
Pimenta dioica	Fruit	not available	87.0	-0.6	Duke, 1992 *
Angelica archangelica	Root Essent. Oil	not available	not available	not available	Duke, 1992 *
Ocimum basilicum	Essential Oil	not available	2400.0	-0.6	Duke, 1992 *
Ocimum basilicum	Shoot Essent. Oil	not available	300.0	-1.4	Duke, 1992 *
Ocimum basilicum	Leaf Essent. Oil	not available	300.0	-0.8	Duke, 1992 *
Ocimum basilicum	Tissue Culture	not available	not available	not available	Duke, 1992 *
Hedychium flavum	Shoot	not available	10.0	-0.5	Duke, 1992 *
Lantana camara	Shoot	not available	7.0	-0.5	Duke, 1992 *
Ravensara aromatica	Leaf	not available	80.0	-0.3	Duke, 1992 *
Origanum majorana	Leaf Essent. Oil	not available	20000.0	-0.5	Duke, 1992 *
Origanum majorana	Essential Oil	not available	47000.0	-0.2	Duke, 1992 *
Myristica fragrans	Leaf Essent. Oil	not available	not available	not available	Duke, 1992 *
Myristica fragrans	Essential Oil	5000.0	8000.0	-0.6	Duke, 1992 *
Myristica fragrans	Seed Essent. Oil	6000.0	43000.0	0.5	Duke, 1992 *
Origanum vulgare	Essential Oil	not available	323700.0	2.0	Duke, 1992 *

Plant Name	Plant Part	Low Parts Per Million	High Parts Per Million	Standard Deviation	Reference
Origanum vulgare	Shoot Essent. Oil	23500.0	87600.0	0.5	Duke, 1992 *
Petroselinum crispum	Fruit Essent. Oil	not available	28000.0	0.9	Duke, 1992 *
Piper nigrum	Seed Essent. Oil	not available	not available	not available	Duke, 1992 *
Piper nigrum	Fruit Essent. Oil	not available	not available	not available	Duke, 1992 *
Salvia officinalis	Essential Oil	3100.0	5400.0	-0.6	Duke, 1992 *
Salvia officinalis	Leaf Essent. Oil	7000.0	17700.0	-0.5	Duke, 1992 *
Salvia officinalis	Et	not available	11000.0	-1.0	Duke, 1992 *
Satureja montana	Essential Oil	163700.0	273000.0	1.6	Duke, 1992 *
Artemisia dracunculoides	Essential Oil	not available	24700.0	-0.4	Duke, 1992 *
Alpinia officinarum	Rhizome	not available	not available	not available	Wealth of India.
Alpinia galanga	Rhizome	not available	not available	not available	Duke, 1992 *
Boswellia serrata	Essential Oil	not available	140000.0	0.5	Duke, 1992 *
Porophyllum ruderale	Plant	40.0	65.0	-0.4	Loayza, I., de Groot, W., Lorenzo, D. et al. 1999. Composition of the essential oil of Porophyllum ruderale (Jacq.) Cass. from Bolivia. Flav. & Fragr. J. 14: 393-8.
Houttuynia cordata	Shoot Essent. Oil	not available	not available	not available	Duke, 1992 *
Houttuynia cordata	Essential Oil	not available	not available	not available	Duke, 1992 *

Plant Name	Plant Part	Low Parts Per Million	High Parts Per Million	Standard Deviation	Reference
Tagetes minuta	Plant	not available	not available	not available	Duke, 1992 *
Lippia javanica	Essential Oil	not available	not available	not available	Duke, 1992 *
Tagetes minuta	Flower Essent. Oil	not available	100.0	not available	Duke, 1992 *
Amomum compactum	Seed	not available	not available	not available	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.
Lindera benzoin	Fruit	90.0	135.0	-0.6	Duke, 1992 *
Lindera benzoin	Twig	0.0	4.0	not available	Duke, 1992 *
Sassafras albidum	Leaf	not available	0.0	-0.4	Duke, 1992 *
Murraya koenigii	Leaf	not available	23.0	-0.4	Duke, 1992 *
Carum carvi	Seed	0.1	1320.0	-0.4	Duke, 1992 *
Callicarpa americana	Leaf	not available	7.0	-0.4	Duke, 1992 *
Chrysanthemum x morifolium	Plant	3.0	14.0	-0.4	Wealth of India.
Myrciaria dubia	Fruit	not available	not available	not available	Duke, 1992 *
Croton lechleri	Plant	not available	not available	not available	Taylor, Leslie. 2005. The Healing Power of Rainforest Herbs. SquareOne Publisher, Garden City Park, NY. 519 pp.