

Dr. Duke's Phytochemical and Ethnobotanical Databases

List of Plants for LIMONENE

Plant	Part	Low PPM	High PPM	StdDev	Reference
Vitex agnus-castus	Fruit Essent. Oil		1036500.0	1.4108415138660721	Jim Duke's personal files.
Citrus limon	Fruit Essent. Oil	512000.0	980000.0	1.267182025507371	Jim Duke's personal files.
Citrus limon	Pericarp Essent. Oil	512000.0	774000.0		--
Citrus limon	Leaf Essent. Oil	284000.0	754000.0	2.654734671831716	--
Apium graveolens	Seed Essent. Oil	350000.0	721600.0	2.1440076891973874	--
Apium graveolens	Fruit Essent. Oil	350000.0	706000.0	0.5704970731129614	--
Apium graveolens	Et		695000.0	1.0	--
Apium graveolens	Stem Essent. Oil		695000.0		--
Anethum graveolens	Essential Oil	467000.0	628800.0	2.882227993253224	--
Apium graveolens	Leaf Essent. Oil		621000.0	2.0668254322619717	--
Foeniculum vulgare	Leaf Essent. Oil		578000.0	1.8767495127018285	Jim Duke's personal files.
Carum carvi	Essential Oil	250000.0	500000.0	2.140871457019611	--
Carum carvi	Seed Essent. Oil		381600.0	0.7234037553203063	--
Mentha spicata	Essential Oil	19000.0	363000.0	1.3523167562121183	--
Tagetes minuta	Flower Essent. Oil	166300.0	353200.0	0.7456036872623704	--
Tagetes minuta	Fruit Essent. Oil	213100.0	353200.0	-0.32654836924013236	--
Gentiana lutea	Essential Oil		346800.0	1.2590716018100643	Abstract (See species file)
Foeniculum vulgare	Flower Essent. Oil		342000.0	0.6678980920638107	Jim Duke's personal files.
Foeniculum vulgare	Essential Oil	2000.0	324400.0	1.130140030291175	Jim Duke's personal files.
Perilla frutescens	Shoot Essent. Oil		284000.0	2.030292143160805	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.
Angelica archangelica	Root Essent. Oil		227000.0	1.5228275750660336	--
Anethum graveolens	Leaf Essent. Oil		214300.0	0.2690608628408047	--
Piper nigrum	Fruit Essent. Oil	130500.0	210600.0	-0.6891296619826244	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Tagetes minuta	Leaf Essent. Oil		200000.0	0.20584956866150136	Zygadlo, 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.
Canarium indicum	Essential Oil	54100.0	135250.0	0.04141651454126865	--
Foeniculum vulgare	Seed Essent. Oil	25000.0	131000.0	-0.32366490888438976	Jim Duke's personal files.
Boswellia sacra	Essential Oil		128000.0	-3.1356999051470447E-4	--
Perilla frutescens	Leaf Essent. Oil		128000.0	-0.11241708734618	Kang, R., Helms, R., Stout, M.J., Jaber, H., Chen, Z., and Nakatsu, T. 1992. Antimicrobial Activity of the Volatile Constituents of Perilla frutescens and Its Synergistic Effects with Polygodial. J. Agric. Food Chem., 40: 2328-2330.
Anethum graveolens	Shoot Essent. Oil		119200.0	0.3094342045722538	--
Myristica fragrans	Seed Essent. Oil	31000.0	119000.0	-0.37380387125652204	--
Apium graveolens	Root Essent. Oil		117000.0	0.2687678089626183	--
Vitex agnus-castus	Leaf Essent. Oil		112100.0	-0.18270097388120965	Jim Duke's personal files.
Mentha pulegium	Essential Oil	1000.0	110000.0	-0.10391929710390785	--
Bidens pilosa	Leaf Essent. Oil		100000.0	-0.23618745357138943	Jim Duke's personal files.
Salvia officinalis	Essential Oil	6600.0	85000.0	-0.2478161403169539	--
Elettaria cardamomum	Seed Essent. Oil		84600.0	-0.5175355633899679	--
Tagetes minuta	Shoot Essent. Oil		83000.0	-0.06856978436527997	--
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.
Ocimum basilicum	Essential Oil	3100.0	77600.0	-0.2904096059080155	--
Petroselinum crispum	Fruit Essent. Oil	10000.0	60100.0	-1.071797856637218	--
Eucalyptus globulus	Leaf Essent. Oil	31000.0	52000.0	-0.448365224243177	--
Rosmarinus officinalis	Essential Oil		46000.0	-0.4722952157293057	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Myristica fragrans</i>	Essential Oil	36000.0	44000.0	-0.4838069631863494	--
<i>Melaleuca alternifolia</i>	Essential Oil	9000.0	43000.0	-0.48956283691487124	--
<i>Carum carvi</i>	Seed	3000.0	42000.0	2.245951109203175	--
<i>Aesculus hippocastanum</i>	Flower Essent. Oil		42000.0	-1.4135017793261806	Jim Duke's personal files.
<i>Origanum majorana</i>	Essential Oil		38000.0	-0.5183422055574805	--
<i>Salvia officinalis</i>	Leaf Essent. Oil	10000.0	36400.0	-0.517322999711508	--
<i>Origanum vulgare</i>	Shoot Essent. Oil	1400.0	35900.0	-0.5603926539497507	--
<i>Juniperus communis</i>	Essential Oil		31000.0	-0.5586333216571333	--
<i>Carum carvi</i>	Fruit	7860.0	30180.0	3.5781164025182557	--
<i>Valeriana officinalis</i>	Leaf Essent. Oil	2300.0	25500.0	-0.5655050351348929	--
<i>Eucalyptus grandis</i>	Leaf Essent. Oil		25000.0	-0.5677152202460574	--
<i>Elettaria cardamomum</i>	Fruit Essent. Oil		25000.0	-1.1610447246264288	--
<i>Apium graveolens</i>	Seed	530.0	24000.0	0.9558696966291022	--
<i>Origanum majorana</i>	Leaf Essent. Oil		24000.0	-0.5721355904683862	--
<i>Rosmarinus officinalis</i>	Leaf Essent. Oil		23000.0	-0.5765559606907152	--
<i>Zingiber officinale</i>	Rhizome Essent. Oil		21000.0	1.411888259893775	--
<i>Coriandrum sativum</i>	Seed Essent. Oil	15500.0	18950.0	-0.7918374700341749	--
<i>Melaleuca alternifolia</i>	Root Essent. Oil		18700.0	-0.8519056002007065	--
<i>Juglans nigra</i>	Essential Oil		15000.0	-0.6507273013134828	--
<i>Pycnanthemum virginianum</i>	Shoot	12.0	14674.0	7.141347097944075	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Salvia officinalis</i>	Et		14000.0	-1.0	--
<i>Ptychopetalum olacoides</i>	Root Essent. Oil		11000.0	-0.9396897838279455	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 clinopodioides</i>	Shoot	1134.0	10780.0	5.159110032495651	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Citrus sinensis</i>	Fruit	8300.0	9700.0	0.6409395320453212	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Elettaria cardamomum</i>	Fruit	595.0	9481.0	0.6095312442214162	--
<i>Foeniculum vulgare</i>	Seed	200.0	9420.0	-0.08909624755589692	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Foeniculum vulgare</i>	Fruit	200.0	9420.0	0.600782817019324	--
<i>Citrus reticulata</i>	Fruit	6500.0	9400.0	0.5979144802317528	--
<i>Mentha spicata</i>	Plant	7.0	9075.0	5.091572982030111	--
<i>Melaleuca alternifolia</i>	Leaf Essent. Oil		9000.0	-0.63844114380332	--
<i>Pycnanthemum tenuifolium</i>	Shoot	2.0	8520.0	4.008659141916956	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Rosmarinus officinalis</i>	Shoot Essent. Oil		8200.0	-0.8496388001809575	--
<i>Piper nigrum</i>	Fruit	1500.0	8000.0	0.397130905101767	--
<i>Citrus limon</i>	Essential Oil	2796.0	8000.0	-0.6910184174131357	--
<i>Citrus aurantium</i>	Plant	1000.0	8000.0	4.430891974366298	Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.
<i>Citrus aurantiifolia</i>	Fruit	4700.0	7500.0	0.3254224854124864	--
<i>Ocimum basilicum</i>	Shoot Essent. Oil		7100.0	-0.8611251092370704	--
<i>Zea mays</i>	Silk Essent. Oil		7000.0		--
<i>Pimenta racemosa</i>	Leaf	140.0	6870.0	6.779460530175923	--
<i>Satureja montana</i>	Essential Oil		6200.0	-0.701378990124475	--
<i>Hedeoma pulegioides</i>	Pollen Or Spore		6000.0		--
<i>Pycnanthemum pycnanthemoides</i>	Shoot	234.0	5800.0	2.6240456806895005	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Myristica fragrans</i>	Seed	720.0	5760.0	-0.35141280144595843	--
<i>Pycnanthemum albescens</i>	Shoot	1688.0	5697.0	2.5716136268268435	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Thymus vulgaris</i>	Essential Oil		5300.0	-0.7065592764801447	--
<i>Illicium verum</i>	Fruit	100.0	5220.0	-0.001567908370633259	--
<i>Thymus vulgaris</i>	Plant	15.0	5200.0	2.7100484195210193	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Tanacetum parthenium	Essential Oil		5000.0	-0.7082860385987012	--
Mentha pulegium	Leaf Essent. Oil		5000.0	-0.6561226246926355	--
Eucalyptus citriodora	Leaf Essent. Oil		5000.0	-0.6561226246926355	--
Eucalyptus citriodora	Shoot		4000.0	1.7077573607595666	--
Vitex agnus-castus	Fruit	590.0	4000.0	-0.17653645241247798	--
Anethum graveolens	Leaf	125.0	3735.0	3.4814383627388343	--
Acinos suaveolens	Shoot		3700.0	1.5550426407712443	Jim Duke's personal files.
Mentha arvensis var. piperascens	Leaf	20.0	3520.0	3.2552582140948236	--
Alpinia galanga	Rhizome Essent. Oil		3500.0	-0.6357397413333852	--
Citrus limon	Petiole		3090.0		--
Mentha longifolia	Shoot	7.0	3040.0	1.2190702567969351	--
Ocimum basilicum	Leaf Essent. Oil	1000.0	2900.0	-0.6654054021595263	--
Monarda punctata	Plant	50.0	2874.0	1.280519095031691	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Myrrhis odorata	Essential Oil		2600.0	-0.7221001355471537	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.
Pycnanthemum loomisii	Shoot	330.0	2520.0	0.9543647421505098	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Cuminum cyminum	Seed Essent. Oil		2500.0	-0.8605696309526396	--
Agastache urticifolia	Plant		2464.0	1.0285384316436323	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Salvia officinalis	Plant	39.0	2380.0	0.9769131249982739	--
Pilocarpus jaborandi	Leaf		2350.0	2.0244174051948574	--
Pycnanthemum curvipes	Shoot		2323.0	0.8540820760248449	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Curcuma longa	Rhizome Essent. Oil		2300.0	-0.7761485185603905	--
Curcuma longa	Essential Oil		2300.0	-0.7238268976657102	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Mentha pulegium	Plant	10.0	2200.0	0.8662874679010774	--
Trachyspermum ammi	Fruit	75.0	2040.0	-0.45763345759445806	--
Eucalyptus occidentalis	Shoot		1955.0	0.6667520195058362	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.
Rosmarinus officinalis	Plant	0.0	1950.0	0.7126407219327489	--
Foeniculum vulgare	Plant		1800.0	0.6204526743517518	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Origanum majorana	Plant	18.0	1710.0	0.5651398458031535	--
Abies balsamea	Plant	720.0	1550.0	0.4668059283834233	--
Satureja douglasii	Plant	234.0	1508.0	0.4409932750607441	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Daucus carota	Seed	20.0	1500.0	-0.6567320690884889	--
Monarda media	Plant	236.0	1484.0	0.42624318744778456	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Petroselinum crispum	Seed	6.0	1470.0	-0.6588822047761124	--
Eucalyptus citriodora	Leaf	20.0	1420.0	1.046056762223089	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Acorus calamus	Rhizome	10.0	1400.0	1.2836558613056794	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Angelica archangelica	Root	0.0	1320.0	1.7252265137628358	--
Monarda didyma	Plant	2.0	1300.0	0.3131591824150948	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Coriandrum sativum	Fruit	34.0	1238.0	-0.5726537627760642	--
Pycnanthemum pilosum	Flower	66.0	1225.0	2.1147952821974845	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Pycnanthemum pilosum	Leaf	66.0	1225.0	0.8409166274064279	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Pycnanthemum incanum	Shoot	209.0	1216.0	0.29056475926793557	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.

Plant	Part	Low PPM	High PPM	StdDev	Reference
Artemisia annua	Plant		1200.0	0.2517004840277634	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.
Abies alba	Leaf	855.0	1197.0	0.8114606080481381	--
Cistus ladaniferus	Leaf	17.0	1190.0	0.8040966032085657	--
Eucalyptus dealbata	Shoot		1180.0	0.2722389928693369	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.
Pycnanthemum setosum	Shoot	40.0	1085.0	0.22387933153970146	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Zingiber officinale	Rhizome	17.0	1050.0	0.6650265305559545	--
Aloysia citrodora	Plant	42.0	1050.0	0.1595124364467663	--
Psidium guajava	Fruit		1000.0	-0.6067869705481619	--
Ocimum kilimandscharicum	Flower	570.0	980.0	1.5518880396521617	Charles, D.J., and Simon, J.E. 1992. Essential Oil Constituents of Ocimum kilimandscharicum Guerke. J. Ess. Oil Res., 4: 125-128.
Juniperus communis	Fruit	76.0	910.0	-0.6196944860922323	List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Pycnanthemum muticum	Shoot	87.0	900.0	0.12970525421356938	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Eucalyptus saligna	Shoot		800.0	0.07880034755079528	Zrira, S. S., Benjilali, B. B., Fechtal, M. M., & Richard, H. H. 1991. Essential Oils of Twenty-seven Eucalyptus Species Grown in Morocco. Journal of Essential Oil Res. 4: 259-264.

Plant	Part	Low PPM	High PPM	StdDev	Reference
Thymus longicaulis	Shoot		770.0	0.06352887555196304	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.
Mentha aquatica	Leaf	114.0	714.0	0.303344274117639	--
Cuminum cyminum	Seed	60.0	696.0	-0.7143557055167975	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Cuminum cyminum	Fruit	60.0	696.0	-0.6503856897192445	--
Salvia triloba	Plant	100.0	690.0	-0.06173887774762675	--
Eucalyptus incrassata	Leaf		680.0	0.26757625061114426	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
Cymbopogon parkeri	Plant	20.0	634.0	-0.09615574884453233	Rizk, A.F.M., The Phytochemistry of the Flora of Qatar, Scientific and Applied Research Centre, University of Qatar, Kingprint, Richmond, UK, 1986.
Eucalyptus polyanthemus	Shoot		630.0	-0.007737993775920693	Zrira, S. S., Benjilali, B. B., Fechtal, M. M., & Richard, H. H. 1991. Essential Oils of Twenty-seven Eucalyptus Species Grown in Morocco. Journal of Essential Oil Res. 4: 259-264.
Ocimum kilimandscharicum	Leaf	360.0	615.0	0.19919620567225724	Charles, D.J., and Simon, J.E. 1992. Essential Oil Constituents of Ocimum kilimandscharicum Guerke. J. Ess. Oil Res., 4: 125-128.
Monarda fistulosa	Plant	3.0	589.0	-0.12381216311883146	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Calamintha nepeta	Shoot		585.0	-0.03064520177416904	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
Myrtus communis	Leaf	40.0	585.0	0.16763618493123245	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Eucalyptus bridgesiana</i>	Leaf		585.0	0.16763618493123245	Singh, A. K., Gupta, K. C., & Brophy, J. J. 1991. Volatile Constituents of the Essential Oil of <i>Eucalyptus bridgesiana</i> Growing in India. <i>Journal of Essential Oil Res.</i> 3: 449-450.
<i>Myrtus communis</i>	Plant	185.0	585.0	-0.1262705110543247	--
<i>Thymus cilicicus</i>	Shoot		570.0	-0.038280937773585155	Tumen, G., Koyuncu, M., Kirimer, N., and Baser, K.H.C. 1994. Composition of the Essential Oil of <i>Thymus cilicicus</i> Boiss. & Bal. <i>J. Ess. Oil Res.</i> 6: 97-8.
<i>Hedeoma pulegioides</i>	Plant	36.0	570.0	-0.13548931581242443	--
<i>Eucalyptus tetraptera</i>	Leaf		565.0	0.1465961711038826	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 <i>Eucalyptus</i> . Part I. Subgenus <i>Symphomyrtus</i> , Section <i>Dumaria</i> , Series <i>Incrassatae</i> . <i>Flavour and Fragrance J.</i> 9(3):113-7
<i>Micromeria teneriffae</i>	Leaf		560.0	0.14133616764704512	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>Eucalyptus stoatei</i>	Leaf		535.0	0.11503615036285782	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 <i>Eucalyptus</i> . Part I. Subgenus <i>Symphomyrtus</i> , Section <i>Dumaria</i> , Series <i>Incrassatae</i> . <i>Flavour and Fragrance J.</i> 9(3):113-7
<i>Rosmarinus officinalis</i>	Shoot	185.0	530.0	-0.058642900438694794	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>Laurus nobilis</i>	Leaf	55.0	500.0	0.07821612616499558	--
<i>Mentha x rotundifolia</i>	Leaf	14.0	500.0	0.07821612616499558	--
<i>Origanum vulgare</i>	Plant	22.0	480.0	-0.1908021443610227	Lawrence, B.M., <i>Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.</i>

Plant	Part	Low PPM	High PPM	StdDev	Reference
Hyssopus officinalis	Leaf	7.0	480.0	0.05717611233764573	--
Pimpinella anisum	Seed	25.0	459.0	-0.7313417774490227	Newall, C. A., Anderson, L. A. and Phillipson, J. D. 1996. Herbal Medicine - A Guide for Health-care Professionals. The Pharmaceutical Press, London. 296pp.
Pimpinella anisum	Fruit	25.0	459.0	-0.6843754806519635	--
Ravensara aromatica	Bark		440.0	1.0	--
Melaleuca cajuputi	Leaf		430.0	0.004576077769271099	--
Carum carvi	Plant		420.0	-0.22767736339342154	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Pycnanthemum montanum	Shoot	287.0	416.0	-0.11667449403425727	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Hedeoma drummondii	Plant	1.0	410.0	-0.23382323323215468	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Rosmarinus x lavandulaceus	Shoot	110.0	405.0	-0.12227403376716242	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.
Peumus boldus	Leaf	6.0	400.0	-0.026983942971753678	--
Eucalyptus erythrandra	Leaf		390.0	-0.03750394988542861	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
Hyptis suaveolens	Plant		390.0	-0.24611497290962095	Recently became Internat. J. Crude Drug Res. 28(1,2,3,4):1990, page 74.
Eucalyptus forrestiana	Leaf		380.0	-0.04802395679910353	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	Part	Low PPM	High PPM	StdDev	Reference
Rosmarinus x mendizabali	Shoot	100.0	370.0	-0.14009075109913335	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.
Hedeoma reverchonii	Plant		368.0	-0.25963588655483383	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Rosmarinus officinalis	Shoot	175.0	365.0	-0.14263599643227207	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.
Bursera delpechiana	Wood	75.0	360.0		--
Micromeria congesta	Leaf	275.0	355.0	-0.07432397408329085	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.
Eucalyptus intertexta	Leaf		340.0	-0.09010398445380324	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
Ageratum conyzoides	Shoot		340.0	-0.1553622230979656	R. Vera, (1993); Chemical composition of the essential oil Ageratum conyzoides L. (Asteraceae) from Reunion, Flavour Fragr. J., Vol.8, 257-260.
Pycnanthemum verticillatum	Shoot		336.0	-0.15739841936447654	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Ocimum gratissimum	Leaf	185.0	335.0	-0.0953639879106407	Charles, D.J. and Simon, J.E. 1992. A New Geraniol Chemotype of Ocimum gratissimum L. J. Ess. Oil Res. 4: 231-234.
Micromeria fruticosa	Shoot		335.0	-0.1579074684311043	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.

Plant	Part	Low PPM	High PPM	StdDev	Reference
Micromeria fruticosa	Shoot		335.0	-0.1579074684311043	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. Aromatic Plants of the Holy Land and the Sinai. Part VII. J. Ess. Oil Res 3: 477-479.
Rosmarinus eriocalyx	Shoot	145.0	330.0	-0.160452713764243	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. J. Ess. Oil Res. 5: 243-246.
Rosmarinus eriocalyx	Shoot	145.0	330.0	-0.160452713764243	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. J. Ess. Oil Res. 5: 243-246.
Pycnanthemum beadlei	Shoot		329.0	-0.16096176283087074	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Cleonia lusitanica	Leaf	165.0	325.0	-0.10588399482431562	Perez-Alonso, M., Velasco-Negueruela, A., and Lopez-Saez, A. 1991. The Essential Oil of <i>Cleonia lusitanica</i> . J. Ess. Oil Res., 3: 441-442.
Mentha x piperita	Leaf	2.0	320.0	-0.1111439982811531	--
Origanum vulgare	Shoot		315.0	-0.1680884497636591	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.
Abies spectabilis	Leaf	115.0	305.0	-0.12692400865166548	--
Lavandula latifolia	Plant	55.0	297.0	-0.30327156240983916	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Eucalyptus porosa	Leaf		295.0	-0.13744401556534042	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 <i>Eucalyptus</i> . Part VI. Subgenus <i>Symphyomyrtus</i> , Section <i>Adnataria</i> . Flavour and Fragrance J. 10(6):359-364

Plant	Part	Low PPM	High PPM	StdDev	Reference
Rosmarinus tomentosus	Shoot	160.0	295.0	-0.17826943109621393	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.
Eucalyptus cuprea	Leaf		290.0	-0.14270401902217786	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
Monarda clinopodia	Plant		287.0	-0.30941743224857227	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Thymus mastichina	Plant	240.0	280.0	-0.3137195411356855	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Citrus sinensis	Fruit Juice	1.0	278.0	--	--
Eucalyptus cladocalyx	Shoot		275.0	-0.18845041242876875	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.
Artemisia dracunculus	Shoot	25.0	270.0	-0.19099565776190747	Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
Satureja parvifolia	Shoot		255.0	-0.19863139376132358	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 obovata	Shoot	1.0	255.0	-0.19863139376132358	Fitoterapia No.60: 277.
Melaleuca alternifolia	Leaf	100.0	250.0	-0.18478404667687756	--
Eucalyptus sparsa	Leaf		245.0	-0.19004405013371503	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	Part	Low PPM	High PPM	StdDev	Reference
<i>Eucalyptus dolichorhyncha</i>	Leaf		225.0	-0.21108406396106488	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 <i>Eucalyptus</i> . Part I. Subgenus <i>Symphomyrtus</i> , Section <i>Dumaria</i> , Series <i>Incrassatae</i> . Flavour and Fragrance J. 9(3):113-7
<i>Ocimum gratissimum</i>	Flower	158.0	220.0	-0.19427320252924737	Charles, D.J. and Simon, J.E. 1992. A New Geraniol Chemotype of <i>Ocimum gratissimum</i> L. J. Ess. Oil Res. 4: 231-234.
<i>Citrus paradisi</i>	Leaf		205.0	-0.23212407778841473	--
<i>Lavandula x hybrida</i>	Shoot	110.0	200.0	-0.22662909242584933	Tucker, A.O., Maciarelo, M.J., Angell, S., Espailat, J.R., and French, E.C. 1993. The Essential Oil of <i>Lavandula x hybrida</i> Balb. ex Ging., a Distinct Hybrid from <i>L. x heterophylla</i> Poir. (Labiatae). J. Ess. Oil Res. 5: 443-445.
<i>Thymus zygis</i>	Shoot	0.1	190.0	-0.23171958309212673	De Cunha, A.P. and Salguero, 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>Cinnamomum verum</i>	Bark	46.0	184.0	-1.0	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Salvia gilliesii</i>	Shoot		180.0	-0.23681007375840415	Velasco-Negueruela, A. et al. 1993. The Essential Oil of <i>Salvia gilliesii</i> Benth. J. Ess. Oil Res. 5: 319-320.
<i>Micromeria thymifolia</i>	Leaf		175.0	-0.2636840985294395	Kirimer, N., Ozek, T., and Baser, K.H.C. 1991. Composition of the Essential Oil of <i>Micromeria congesta</i> . J. Ess. Oil Res., 3: 387-393.
<i>Satureja odora</i>	Shoot		175.0	-0.23935531909154287	Zygadlo, J.A., Merino, E.F., Maestri, D.M., Guzman, C.A. and Espinar, L.A. 1993. The Essential Oils of <i>Satureja odora</i> and <i>Satureja parvifolia</i> from Argentina. J. Ess. Oil Res. 5: 549-51.
<i>Lycopus uniflorus</i>	Plant	111.0	174.0	-0.3788657614262568	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Achillea millefolium</i>	Leaf	1.0	170.0	-0.268944101986277	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Teucrium micropodioides	Leaf		170.0	-0.268944101986277	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.
Tagetes lucida	Leaf		165.0	-0.27420410544311447	Tramil
Alpinia galanga	Rhizome	1.0	165.0	-0.8992219200540644	--
Umbellularia californica	Plant	40.0	160.0	-0.38746997920048315	--
Sideritis mugronensis	Flower	1.0	155.0	-0.3436159403473942	Manez, S., Jimenez, A., and Villar, A. 1991. Volatiles of Sideritis mugronensis Flower and Leaf. J. Ess. Oil Res., 3: 395-397.
Eucalyptus ceratocorys	Leaf		155.0	-0.28472411235678935	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 brassiana	Leaf		150.0	-0.2899841158136268	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.
Daucus carota	Root		150.0	-0.4481409382990946	--
Mentha pulegium	Plant	41.0	148.0	-0.39484502300696295	Duke, J. A. Writeups or information summaries on approximately 2,000 economic plants, USDA, ARS, Beltsville, MD 20705.
Ocimum tenuiflorum	Leaf		145.0	-0.2952441192704643	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.
Pycnanthemum californicum	Shoot		144.0	-0.2551358401570028	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Thymus orospedanus	Plant		140.0	-0.3997617188779494	J. Nat. Prod.
Cunila organoides	Shoot		140.0	-0.2571720364235138	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.

Plant	Part	Low PPM	High PPM	StdDev	Reference
Lavandula x intermedia	Plant	50.0	140.0	-0.3997617188779494	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Hedychium flavum	Shoot		140.0	-0.2571720364235138	--
Eucalyptus largisparsa	Leaf		135.0	-0.30576412618413923	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
Satureja cuneifolia	Shoot		125.0	-0.2648077724229299	Tumen, G. 1991. The Volatile Constituents of Satureja cuneifolia. J. Ess. Oil Res., 3: 365-366.
Curcuma longa	Leaf		125.0	-0.31628413309781417	--
Teucrium divaricatum	Leaf		125.0	-0.31628413309781417	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.
Cinnamomum camphora	Leaf	48.0	120.0	-0.3215441365546516	--
Origanum sipyleum	Shoot		120.0	-0.2673530177560686	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	-0.2673530177560686	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	-0.2673530177560686	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.
Lindera benzoin	Fruit	80.0	115.0	-0.7337108733981885	--
Satureja cilicica	Shoot		115.0	-0.26989826308920734	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.

Plant	Part	Low PPM	High PPM	StdDev	Reference
Lepechinia calycina	Plant		115.0	-0.4151263934747823	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Murraya koenigii	Leaf		115.0	-0.32680414001148905	--
Coridothymus capitatus	Shoot		110.0	-0.27244350842234605	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.
Citrus aurantium	Leaf	70.0	110.0	-0.3320641434683265	--
Ocimum gratissimum	Plant	10.0	105.0	-0.4212722633135154	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Monarda russeliana	Plant		104.0	-0.42188685029738876	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Rosmarinus officinalis	Leaf		100.0	-0.34258415038200146	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		100.0	-0.34258415038200146	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.
Monarda lindheimeri	Plant		94.0	-0.42803272013612187	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Nepeta racemosa	Shoot		90.0	-0.28262448975490084	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	-0.28262448975490084	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 syriacum	Shoot		90.0	-0.28262448975490084	Fleisher, A. & Fleisher, Z. 1991. Chemical Composition of Origanum syriacum L. Essential Oil. J. Ess. Oil Res. 3: 121-123.

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Origanum syriacum</i>	Shoot		90.0	-0.28262448975490084	Fleisher, A. & Fleisher, Z. 1991. Chemical Composition of <i>Origanum syriacum</i> L. Essential Oil. J. Ess. Oil Res. 3: 121-123.
<i>Monarda citriodora</i>	Plant	89.0	90.0	-0.43049106807161513	--
<i>Hypericum perforatum</i>	Plant	5.0	90.0	-0.43049106807161513	--
<i>Satureja montana</i>	Plant	4.0	85.0	-0.4335640029909817	--
<i>Thymus riatarum</i>	Shoot		85.0	-0.28516973508803956	Iglesias, J., Vila, R., Canigueral, S., Bellakdhar, and Il Idrissi, A. 1991. Analysis of the Essential Oil of <i>Thymus riatarum</i> . J. Ess. Oil Res. 3: 43-4.
<i>Origanum onites</i>	Shoot		85.0	-0.28516973508803956	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.
<i>Origanum onites</i>	Shoot		85.0	-0.28516973508803956	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.
<i>Calamintha nepeta</i>	Leaf		80.0	-0.36362416420935134	Akgul, A., De Pooter, H.L., and De Buyck, L.F. 1991. The Essential Oils of <i>Calamintha nepeta</i> subsp. <i>glandulosa</i> and <i>Ziziphora clinopodioides</i> from Turkey. J. Ess. Oil Res., 3: 7-10.
<i>Curcuma longa</i>	Rhizome		80.0	-1.049460471807569	--
<i>Micromeria varia</i>	Shoot		80.0	-0.28771498042117827	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. flav. & Fragr. J. 10(3): 199-202.
<i>Micromeria varia</i>	Shoot		80.0	-0.28771498042117827	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Artemisia annua	Shoot	2.0	80.0	-0.28771498042117827	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.
Levisticum officinale	Root	8.0	80.0	-0.5781714696190392	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Eucalyptus fasciculosa	Leaf		75.0	-0.36888416766618876	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
Mentha aquatica	Shoot		75.0	-0.290260225754317	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.
Salvia dorisiana	Shoot	64.0	72.0	-0.2917873729542002	Tucker, A.O. & Maciarello, M.J. 1994. The Essential Oil of Salvia dorisiana Standley. J. Ess. Oil Res. 6: 97-8.
Origanum vulgare	Plant		70.0	-0.4427828077490814	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.
Plectranthus incanus	Shoot		65.0	-0.29535071642059435	Shah, G.C., Bhandari, R. & Mathela, C.S. 1992. 1,2-Epoxy-p-Menthane Derivatives from some Labiatae Species. J. Ess. Oil Res. 4: 57-59.
Origanum minutiflorum	Shoot	40.0	60.0	-0.29789596175373306	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.

Plant	Part	Low PPM	High PPM	StdDev	Reference
Mentha aquatica	Shoot		60.0	-0.29789596175373306	Umamoto, 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		60.0	-0.29789596175373306	Umamoto, 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		60.0	-0.29789596175373306	Umamoto, 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.
Pycnanthemum torreyi	Shoot		60.0	-0.29789596175373306	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Thymus serpyllum	Plant	3.0	57.0	-0.4507724385394345	--
Elsholtzia blanda	Shoot		55.0	-0.3004412070868718	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
Sideritis pauli	Shoot		55.0	-0.3004412070868718	Burzaco, A., Velasco-Negueruela, A. and Perez-Alonso, M.J. 1992. Essential Oil Analysis of Sideritis pauli Pau. FFJ7: 47-8. 1992.
Origanum syriacum	Shoot		55.0	-0.3004412070868718	Fleisher, A. & Fleisher, Z. 1991. Chemical Composition of Origanum syriacum L. Essential Oil. J. Ess. Oil Res. 3: 121-123.
Hyssopus officinalis	Flower	5.0	54.0	-0.5756715791109762	Flavour and Fragrance Journal, 6: 69.
Satureja glabella	Plant		50.0	-0.4550745474265477	--
Satureja grandiflora	Shoot		50.0	-0.3029864524200105	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

Plant	Part	Low PPM	High PPM	StdDev	Reference
Eucalyptus angulosa	Leaf		50.0	-0.3951841849503761	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
Pilocarpus microphyllus	Leaf		50.0	-0.3951841849503761	--
Alpinia galanga	Leaf		50.0	-0.3951841849503761	--
Sideritis germanicolpitana	Plant	35.0	45.0	-0.4581474823459143	J. Essential Oil, 4: 533.
Teucrium kotschyianum	Leaf		45.0	-0.4004441884072136	Arnold, N., Bellomaria, B., Velentini G. and Rifaiani, S.M. 1991. Comparative Study on Essential Oil of Some Teucrium Species from Cyprus. J. Ethnopharm. 35: 105-113.
Ocimum gratissimum	Shoot		42.0	-0.30705884495303243	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.
Eucalyptus odorata	Leaf		40.0	-0.40570419186405104	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		40.0	-0.40570419186405104	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
Monarda citriodora	Flower		40.0	-0.6078377072564232	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 didyma	Leaf	25.0	40.0	-0.40570419186405104	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Teucrium cyprum	Leaf		39.0	-0.4067561925554185	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.
Hedeoma hispida	Plant		36.0	-0.4636787652007741	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Eucalyptus leucoxylo	Leaf		35.0	-0.41096419532088846	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
Monarda citriodora	Leaf		35.0	-0.41096419532088846	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.
Sassafras albidum	Leaf	16.0	32.0	-0.41412019739499095	--
Thymus capitatus	Plant	10.0	30.0	-0.46736628710401396	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Stevia rebaudiana	Flower		30.0	-0.6308135130745997	Kinghorn, A. D. (Ed.) 2002. Medicinal and Aromatic Plants - Industrial Profiles. Stevia. The genus Stevia. Taylor & Francis. New York, NY. 211 pp.
Litsea glaucescens	Shoot	25.0	30.0	-0.3131674337525653	Tucker, et al, EB46(1):21-24.1992
Micromeria croatica	Leaf		30.0	-0.4162241987772593	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.
Thymus broussonettii	Shoot		30.0	-0.3131674337525653	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.

Plant	Part	Low PPM	High PPM	StdDev	Reference
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
Pimenta dioica	Fruit		28.0	-0.7461881384241233	--
Trifolium pratense	Flower		27.0	-0.6377062548200526	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
Sideritis athoa	Shoot		26.0	-0.31520363001907625	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.
Daucus carota	Shoot		26.0	-0.31520363001907625	--
Lycopus virginicus	Plant	10.0	26.0	-0.4698246350395072	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Agastache foeniculum	Plant	2.0	25.0	-0.47043922202338057	--
Eucalyptus lansdowneana	Leaf		25.0	-0.4214842022345634	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
Micromeria juliana	Leaf		25.0	-0.4214842022345634	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.
Satureja subspicata	Plant		25.0	-0.47043922202338057	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.
Ephedra sinica	Shoot		23.0	-0.3167307772189595	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Eucalyptus viridis</i>	Leaf		22.0	-0.4246402043086659	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 <i>Eucalyptus</i> . Part VI. Subgenus <i>Symphomyrtus</i> , Section <i>Adnataria</i> . Flavour and Fragrance J. 10(6):359-364
<i>Mentha aquatica</i>	Shoot		21.0	-0.31774887535221497	Umemoto, K., Arai, T., Nii, H. and Furukawa, K. 1993. A New Chemotype of <i>Mentha aquatica</i> Containing Sesquiterpene Alcohols as Major Components. Nippon Nogekagaku Kaishi 67(10): 1417-1419.
<i>Isanthus brachiatus</i>	Plant		20.0	-0.4735121569427471	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Ocimum basilicum</i>	Plant		20.0	-0.4735121569427471	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.
<i>Ocimum basilicum</i>	Plant		20.0	-0.4735121569427471	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.
<i>Stachys germanica</i>	Plant		18.0	-0.47474133091049375	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Lantana camara</i>	Shoot		18.0	-0.3192760225520982	--
<i>Origanum vulgare</i>	Plant		17.0	-0.47535591789436704	Sezik, E., Tumen, G., Kirimer, N., Ozek, T., and Baser, K.H.C. 1993. Essential Oil Composition of Four <i>Origanum vulgare</i> Subspecies of Anatolian Origin. J. Ess. Oil Res., 5: 425-431.
<i>Dictamnus albus</i>	Shoot	13.0	17.0	-0.31978507161872594	Baser, K.H.C., Kosar, M. Malyer, H. & Ozek, T. 1994. The Essential Oil Composition of <i>Dictamnus albus</i> from Turkey. Planta Med. 60:481-2
<i>Origanum onites</i>	Plant		17.0	-0.47535591789436704	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Teucrium polium</i>	Shoot		16.0	-0.3202941206853537	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.

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Petroselinum crispum</i>	Leaf		16.0	-0.4309522084568708	--
<i>Vetiveria zizanioides</i>	Root		15.0	-0.698914105844702	--
<i>Eucalyptus maculata</i>	Shoot		15.0	-0.3208031697519814	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>Pimenta dioica</i>	Leaf		15.0	-0.43200420914823834	--
<i>Scutellaria galericulata</i>	Plant		13.0	-0.4778142658298603	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Porophyllum ruderale</i>	Plant	9.0	13.0	-0.4778142658298603	Loayza, I., de Groot, W., Lorenzo, D. et al. 1999. Composition of the essential oil of <i>Porophyllum ruderale</i> (Jacq.) Cass. from Bolivia. Flav. & Fragr. J. 14: 393-8.
<i>Salvia sclarea</i>	Plant	0.4	12.0	-0.47842885281373365	Flavour and Fragrance Journal, 6: 154.
<i>Lindera benzoin</i>	Twig	9.0	11.0		--
<i>Stevia rebaudiana</i>	Plant		10.0	-0.4796580267814803	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.
<i>Minthostachys mollis</i>	Shoot	4.0	10.0	-0.32334841508512013	Alkire, B.H., Tucker, A.O., and Maciarelo, M.J. 1994. Tipo (<i>Minthostachys mollis</i> (Lamiaceae): An Ecuadorian Mint. Econ. Bot. 48(1): 60-64.
<i>Moldavica thymiflora</i>	Plant		10.0	-0.4796580267814803	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Thymus saturejoides</i>	Shoot		10.0	-0.32334841508512013	Tantaoui-Elaraki, A., Lattaoui, N., Errifi, A. and Benjilali, B. 1993. Composition and Antimicrobial Activity of the Essential Oils of <i>Thymus broussonettii</i> , <i>T. zygis</i> and <i>T. saturejoides</i> . J. Ess. Oil Res. 5: 45-53.
<i>Pelargonium citrosum</i>	Shoot		10.0	-0.32334841508512013	Matsuda, B. M., et al. 1996. Essential Oil Analysis and Field Evaluation of the Citrosa Plant ' <i>Pelargonium citrosum</i> ' as a Repellent Against Populations of <i>Aedes</i> Mosquitoes. J. Am. Mosq. Contr. Assoc. 12(1):69-74.

Plant	Part	Low PPM	High PPM	StdDev	Reference
Origanum sipyleum	Shoot		10.0	-0.32334841508512013	Baser, K.H.C., Ozek, T., Kurkcuoğlu, M. and Tumen, G. 1992. Composition of the Essential Oil of Origanum sipyleum of Turkish Origin. J. Ess. Oil Res. 4: 139-142.
Dracocephalum thymiflora	Plant		10.0	-0.4796580267814803	--
Monarda didyma	Flower		10.0	-0.6767651247109525	Flavour and Fragrance Journal, 6: 80.
Rosmarinus officinalis	Shoot		9.0	-0.3238574641517479	Tucker, A. O. and Maciarello, M. J. 1998. The essential oils of some rosemary cultivars. Flavor and Fragrance Journal, 1: 137-142. 1986.
Teucrium gnaphalodes	Shoot		7.0	-0.32487556228500336	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.
Eucalyptus nova-anglica	Leaf	4.0	7.0	-0.4404202146791783	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.
Ribes nigrum	Leaf		7.0	-0.4404202146791783	List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Vitex agnus-castus	Leaf		6.0	-0.44147221537054576	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.
Glechoma hederacea	Plant	1.0	6.0	-0.4821163747169735	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Trichostemma dichotomum	Shoot		5.0	-0.32589366041825885	Tucker, A.O. and Maciarello, M.J. 1990. The Essential Oil of Trichostemma dichotomum. J. Ess. Oil Res. 2: 149-150.
Origanum vulgare	Plant		5.0	-0.48273096170084684	Sezik, E., Tumen, G., Kirimer, N., Ozek, T., and Baser, K.H.C. 1993. Essential Oil Composition of Four Origanum vulgare Subspecies of Anatolian Origin. J. Ess. Oil Res., 5: 425-431.

Plant	Part	Low PPM	High PPM	StdDev	Reference
Thymus longicaulis	Shoot		5.0	-0.32589366041825885	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		5.0	-0.32589366041825885	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 funkii	Shoot		5.0	-0.32589366041825885	Vila, R., et al. 1995. Composition and study of the variability of the essential oil of Thymus funkii Cousson. Flav. & Fragr. J. 10(6): 379-383.
Thymus capitatus	Shoot		4.0	-0.3264027094848866	Biondi, D., Cianci, P., Geraci, C. and Ruberto, G. 1993. Antimicrobial Activity and Chemical Composition of Essential Oils from Sicilian Aromatic Plants. Flav. & Fragr. J. 8: 331-7.
Callicarpa americana	Leaf		4.0	-0.44357621675328074	--
Teucrium arduini	Shoot		3.0	-0.32691175855151433	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		3.0	-0.32691175855151433	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.
Pelargonium graveolens	Essential Oil	1.0	3.0	-0.7370481396201248	--
Eucalyptus behriana	Leaf		2.7	-0.4449438176520584	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
Agastache nepetoides	Plant		2.0	-0.48457472265246676	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.

Plant	Part	Low PPM	High PPM	StdDev	Reference
Eucalyptus melanophloia	Leaf		2.0	-0.4456802181360157	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
Origanum vulgare	Plant		2.0	-0.48457472265246676	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.
Leonurus cardiaca	Plant		2.0	-0.48457472265246676	--
Teucrium oxylepis	Shoot		1.83	-0.3275073459594688	Velasco-Negueruela, A. and Perez-Alonso, M.J. 1990. The Volatiles of Six Teucrium Species from the Iberian Peninsula and the Balearic Islands. Phytochemistry 29(4): 1165-9.
Eucalyptus populnea	Leaf		1.8	-0.4458906182742893	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
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.
Stevia rebaudiana	Leaf		1.0	-0.44673221882738323	Kinghorn, A. D. (Ed.) 2002. Medicinal and Aromatic Plants - Industrial Profiles. Stevia. The genus Stevia. Taylor & Francis. New York, NY. 211 pp.
Sideritis mugronensis	Leaf		1.0	-0.44673221882738323	Manez, S., Jimenez, A., and Villar, A. 1991. Volatiles of Sideritis mugronensis Flower and Leaf. J. Ess. Oil Res., 3: 395-397.
Micromeria fruticosa	Leaf		1.0	-0.44673221882738323	Kirimer, N., Ozek, T., and Baser, K.H.C. 1991. Composition of the Essential Oil of Micromeria congesta. J. Ess. Oil Res., 3: 387-393.

Plant	Part	Low PPM	High PPM	StdDev	Reference
Teucrium oxylepis	Shoot		0.99	-0.3279349471754361	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		0.98	-0.32794003766610236	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.
Micromeria myrtifolia	Shoot		0.9	-0.3279807615914325	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.
Eucalyptus ochrophloia	Leaf		0.7	-0.4470478190347934	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
Teucrium asiaticum	Shoot		0.62	-0.3281232953300884	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.
Asimina triloba	Fruit	0.027	0.548	-0.7501252174987437	--
Teucrium scorodonia	Shoot		0.51	-0.3281792907274174	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.
Lindera benzoin	Leaf		0.4	-0.44736341924220374	--
Alpinia galanga	Leaf Essent. Oil		0.4	-0.6782227076561912	--
Teucrium pseudoscorodonia	Shoot		0.28	-0.32829637201274176	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.
Morinda citrifolia	Fruit		0.17	-0.7501794290640288	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Hyssopus officinalis	Shoot		0.1	-0.3283880008447348	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.
Elsholtzia eriostachya	Shoot		0.1	-0.3283880008447348	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.
Eucalyptus albens	Shoot		0.1	-0.3283880008447348	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 astringens	Shoot		0.1	-0.3283880008447348	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		0.1	-0.3283880008447348	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		0.1	-0.3283880008447348	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 botryoides	Shoot		0.1	-0.3283880008447348	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 camaldulensis	Shoot		0.1	-0.3283880008447348	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		0.1	-0.3283880008447348	Zrira, S. S., Benjilali, B. B., Fechtal, M. M., & Richard, H. H. 1991. Essential Oils of Twenty-seven Eucalyptus Species Grown in Morocco. Journal of Essential Oil Res. 4: 259-264.

Plant	Part	Low PPM	High PPM	StdDev	Reference
Eucalyptus globulus	Shoot		0.1	-0.3283880008447348	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		0.1	-0.3283880008447348	Zrira, S. S., Benjilali, B. B., Fechtal, M. M., & Richard, H. H. 1991. Essential Oils of Twenty-seven Eucalyptus Species Grown in Morocco. Journal of Essential Oil Res. 4: 259-264.
Eucalyptus melliodora	Shoot		0.1	-0.3283880008447348	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 moluccana	Shoot		0.1	-0.3283880008447348	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		0.1	-0.3283880008447348	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		0.1	-0.3283880008447348	Zrira, S. S., Benjilali, B. B., Fechtal, M. M., & Richard, H. H. 1991. Essential Oils of Twenty-seven Eucalyptus Species Grown in Morocco. Journal of Essential Oil Res. 4: 259-264.
Thymus zygis	Shoot		0.1	-0.3283880008447348	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.
Eucalyptus siderophloia	Shoot		0.1	-0.3283880008447348	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 sideroxylon	Shoot		0.1	-0.3283880008447348	Zrira, S. S., Benjilali, B. B., Fechtal, M. M., & Richard, H. H. 1991. Essential Oils of Twenty-seven Eucalyptus Species Grown in Morocco. Journal of Essential Oil Res. 4: 259-264.

Plant	Part	Low PPM	High PPM	StdDev	Reference
Eucalyptus tereticornis	Shoot		0.1	-0.3283880008447348	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.
Melissa officinalis	Shoot		0.1	-0.3283880008447348	Deutsche Apot. Ziti. 129(4):155-163. W. Schulze et al. Die Melisse.
Carthamus tinctorius	Bud		0.01		--
Carthamus tinctorius	Leaf		0.01	-0.44777369951183704	--
Elsholtzia polystachya	Leaf		0.0	-0.44778421951875075	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		0.0	-0.44778421951875075	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.
Satureja thymbra	Shoot		0.0	-0.32843890575139756	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.
Thymus x citriodorus	Plant		0.0	-0.4858038966202134	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.
Anethum graveolens	Seed Essent. Oil				--
Anethum graveolens	Root Essent. Oil				--
Ruta graveolens	Plant				--
Santolina chamaecyparissus	Plant				--

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Satureja hortensis</i>	Plant				Williamson, E. M. and Evans, F. J., Potter's New Cyclopaedia of Botanical Drugs and Preparations, Revised Ed., Saffron Walden, the C. W. Daniel Co., Ltd., Essex UK, 362 pp, 1988, reprint 1989.
<i>Tamarindus indica</i>	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.
<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>Thuja occidentalis</i>	Branches				--
<i>Petroselinum crispum</i>	Seed Essent. Oil				--
<i>Tilia sp.</i>	Flower				--
<i>Scutellaria lateriflora</i>	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.
<i>Vaccinium corymbosum</i>	Fruit				--
<i>Valeriana officinalis</i>	Root				--
<i>Vitis vinifera</i>	Plant				Stitt, Paul. Why George should eat broccoli.
<i>Myristica fragrans</i>	Leaf Essent. Oil				--
<i>Zanthoxylum alatum</i>	Fruit				ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
<i>Sambucus nigra</i>	Flower Essent. Oil				--
<i>Laurus nobilis</i>	Leaf Essent. Oil				--
<i>Lippia alba</i>	Plant				Grenand, P., Moretti, C., and Jacquemin, H. 1987. Pharmacopees Traditionnelles en Guyane. l'ORSTROM, Paris. 569 pp.
<i>Citrus mitis</i>	Fruit Juice				--
<i>Pinus sylvestris</i>	Leaf Essent. Oil				--

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Pinus sylvestris</i>	Essential Oil				--
<i>Pinus sylvestris</i>	Flower				--
<i>Pinus sylvestris</i>	Shoot				--
<i>Houttuynia cordata</i>	Shoot Essent. Oil				--
<i>Tagetes minuta</i>	Essential Oil				--
<i>Piper auritum</i>	Leaf				Tramil
<i>Aeolanthus myriantha</i>	Flower				Wealth of India.
<i>Hyssopus officinalis</i>	Shoot				Tsankova, E.T., Konatchiev, A.N. and Genova, E.M. 1993. Chemical Composition of the Essential Oils of Two <i>Hyssopus officinalis</i> cultivars. <i>J. Ess. Oil Res.</i> 5: 609-611.
<i>Agastache rugosa</i>	Essential Oil				Jim Duke's personal files.
<i>Dictamnus hispanicus</i>	Shoot				Baser, K.H.C., Kosar, M. Malyer, H. & Ozek, T. 1994. The Essential Oil Composition of <i>Dictamnus albus</i> from Turkey. <i>Planta Med.</i> 60:481-2
<i>Coriandrum sativum</i>	Essential Oil				--
<i>Mentha</i> sp	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>Pimpinella anisum</i>	Seed Essent. Oil				--
<i>Pimpinella anisum</i>	Essential Oil				--
<i>Vaccinium myrtillus</i>	Fruit Juice				--
<i>Agathosma betulina</i>	Leaf Essent. Oil				--
<i>Nepeta cataria</i>	Leaf				--
<i>Vitex agnus-castus</i>	Flower				Jim Duke's personal files.
<i>Abies alba</i>	Resin, Exudate, Sap				--
<i>Cocos nucifera</i>	Fruit				Jim Duke's personal files.
<i>Zea mays</i>	Leaf				--
<i>Zea mays</i>	Husk Essent. Oil				--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Zea mays	Silk Stigma Style				--
Zea mays	Seed Essent. Oil				--
Anacardium occidentale	Fruit				--
Anethum graveolens	Plant				--
Aniba rosaeodora	Essential Oil				--
Annona squamosa	Plant				--
Curcuma longa	Tuber				--
Armoracia rusticana	Plant				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2- 6, Springer-Verlag, Berlin, 1969- 1979.
Panax ginseng	Root Essent. Oil				--
Aspalathus linearis	Leaf Essent. Oil				--
Asarum canadense	Rhizome				--
Psidium guajava	Pericarp Essent. Oil				--
Asiasarum sieboldii	Root				--
Psidium guajava	Leaf Essent. Oil				--
Centella asiatica	Shoot				Jim Duke's personal files.
Avena sativa	Seed				--
Humulus lupulus	Essential Oil				--
Marrubium vulgare	Essential Oil				--
Hypericum perforatum	Shoot				--
Capsicum annuum	Fruit				--
Hypericum perforatum	Leaf Essent. Oil				--
Capsicum frutescens	Fruit				--
Elsholtzia nipponica	Plant				Hegnauer, R. 1962-1997. Chemotaxonomie der Pflanzen, Bde 1-11. Birkhauser Verlag Basel, Boston, Berlin.
Hypericum perforatum	Fruit Essent. Oil				--

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Juniperus communis</i>	Fruit Essent. Oil				--
<i>Chamaemelum nobile</i>	Plant				--
<i>Pimenta dioica</i>	Leaf Essent. Oil				--
<i>Chenopodium ambrosioides</i>	Plant				--
<i>Chrysanthemum balsamita</i>	Plant				--
<i>Citrullus colocynthis</i>	Petiole				--
<i>Cinnamomum verum</i>	Root Bark				--
<i>Cinnamomum verum</i>	Leaf Essent. Oil				--
<i>Cinnamomum verum</i>	Bark Essent. Oil				--
<i>Cinnamomum verum</i>	Stem Bark				--
<i>Commiphora myrrha</i>	Resin, Exudate, Sap				--
<i>Cymbopogon citratus</i>	Plant				Guenther, E., The Essential Oils, 6 volumes, D. van Nostrand, New York, 1948-1952.
<i>Vanilla planifolia</i>	Fruit				--
<i>Cymbopogon flexuosus</i>	Plant				--
<i>Cymbopogon martinii</i>	Plant				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
<i>Cyperus rotundus</i>	Essential Oil				--
<i>Nepeta cataria</i>	Plant				--
<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. <i>Phytochemistry</i> , 38(4): 847-851.
<i>Echinacea spp</i>	Fruit				Economic & Medicinal Plant Research, 5: 253.
<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.

Plant	Part	Low PPM	High PPM	StdDev	Reference
Euodia rutaecarpa	Leaf				--
Ferula gummosa	Plant				--
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.
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.
Boswellia serrata	Essential Oil				--
Mentha pulegium	Shoot				--
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.
Helianthus annuus	Flower				--
Humulus lupulus	Fruit				--
Rosmarinus officinalis	Resin, Exudate, Sap				--
Crocus sativus	Silk Stigma Style				--
Mentha spicata	Shoot				--
Citrus reticulata	Essential Oil				--
Camellia sinensis	Leaf				--
Juniperus virginiana	Leaf				--
Valeriana officinalis	Root Essent. Oil				--
Larrea tridentata	Essential Oil				--
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.

Plant	Part	Low PPM	High PPM	StdDev	Reference
Panax ginseng	Root				Wichtl, M. 1984. Teedrogen. Ein Handbuch für Apotheker und Ärzte. Wissenschaftliche Verlagsgesellschaft. mbH Stuttgart. 393 pp.
Lavandula angustifolia	Flower				Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Hibiscus sabdariffa	Calyx				--
Cinnamomum aromaticum	Bark				Bisset, N.G., ed. 1994. Herbal Drugs and Phytopharmaceuticals. CRC Press. Boca Raton, FL. 566 pp.
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.
Magnolia denudata	Bark				--
Ficus carica	Leaf Essent. Oil				--
Magnolia denudata	Bulb				--
Magnolia denudata	Flower				--
Magnolia denudata	Leaf				--
Magnolia denudata	Twig				--
Piper nigrum	Seed Essent. Oil				--
Magnolia fargesii	Flower				--
Mangifera indica	Flower				--
Marrubium vulgare	Plant				--
Medicago sativa	Essential Oil				--
Melaleuca leucadendra	Plant				--
Apium graveolens	Essential Oil				--
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)

Plant	Part	Low PPM	High PPM	StdDev	Reference
Mentha x piperita	Leaf				Duke, J. A. Writeups or information summaries on approximately 2,000 economic plants, USDA, ARS, Beltsville, MD 20705.
Mentha x rotundifolia	Leaf				Duke, J. A. Writeups or information summaries on approximately 2,000 economic plants, USDA, ARS, Beltsville, MD 20705.
Collinsonia canadensis	Plant				--
Myrica cerifera	Leaf				CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Artemisia dracunculus	Essential Oil				--
Artemisia dracunculus	Root Essent. Oil				--
Pastinaca sativa	Root				--
Perilla frutescens	Plant				--
Phyllanthus niruri	Leaf				Tramil
Pinus sylvestris	Resin, Exudate, Sap				--
Piper cubeba	Fruit				Leung, A.Y., Encyclopedia of Common Natural Ingredients Used in Food, Drugs, and Cosmetics, John Wiley & Sons, New York, 1980.
Pogostemon cablin	Plant				--
Prunus armeniaca	Essential Oil				--
Psoralea corylifolia	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
Eucalyptus citriodora	Essential Oil				--
Eruca sativa	Hs				--
Alpinia officinarum	Rhizome				Wealth of India.
Ribes nigrum	Fruit				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.

Plant	Part	Low PPM	High PPM	StdDev	Reference
Rosa damascena	Essential Oil				--