

Dr. Duke's Phytochemical and Ethnobotanical Databases

List of Plants for LINALOOL

Plant	Part	Low PPM	High PPM	StdDev	Reference
Acacia farnesiana	Flower				Duke, J. A. Writeups or information summaries on approximately 2,000 economic plants, USDA, ARS, Beltsville, MD 20705.
Acacia farnesiana	Plant				Pakistan Encyclopedia Planta Medica. 1986.
Achillea millefolium	Leaf	1.0	4000.0	2.122508536493081	--
Acinos suaveolens	Shoot		1800.0	-0.15489761133772154	Jim Duke's personal files.
Acorus calamus	Rhizome	30.0	6000.0	1.0	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Agastache rugosa	Essential Oil				Jim Duke's personal files.
Agastache rugosa	Shoot				Jim Duke's personal files.
Agastache rugosa	Tissue Culture				Jim Duke's personal files.
Allium sativum var. sativum	Bulb				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.
Aloysia citrodora	Plant	5.0	35.0	-0.6595829361063191	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Alpinia galanga	Rhizome				--
Alpinia officinarum	Rhizome				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.
Ananas comosus	Fruit				Wealth of India.
Anethum graveolens	Essential Oil				--
Anethum graveolens	Plant				Pakistan Encyclopedia Planta Medica. 1986.
Angelica archangelica	Root		10.0	-0.41637162119267096	--
Angelica archangelica	Root Essent. Oil				--
Apium graveolens	Seed	1.0	90.0	-0.4729972748643267	--
Apium graveolens	Seed Essent. Oil		14800.0	-0.5026656132656973	--
Artemisia dracunculus	Essential Oil				--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Artemisia dracunculus	Shoot Essent. Oil				--
Artemisia annua	Shoot				Wright, C.W. (Ed) 2002. Medicinal & Aromatic Plants-Industrial Profiles. Artemisia. 344pp. Maffei, M. (Ed) 2002. Vetiveria. The Genus Vetiveria. Taylor & Francis. NY, NY. 191pp. Southwell, I., Lowe, R. (Eds) 1999. Tea Tree. The Genus Melaleuca. Harwood Acad. Pub. Amsterdam, Netherlands.
Artemisia vulgaris	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.
Artemisia dracunculus	Leaf Essent. Oil				--
Aspalathus linearis	Leaf Essent. Oil		5400.0	-0.661654653443934	--
Ballota nigra	Plant		3.0	-0.6639120621355269	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Boswellia serrata	Essential Oil		15000.0	-0.5158876661912609	--
Boswellia sacra	Resin Essent. Oil		20000.0		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.
Callicarpa americana	Leaf		3.0	-0.6453663902878893	--
Camellia sinensis	Leaf Essent. Oil	82000.0	198400.0	0.5604322107337334	--
Camellia sinensis	Leaf	6.0	1984.0	0.7264525313916458	--
Camellia sinensis	Shoot	4000.0	10300.0	0.15629492685233945	--
Capsicum annum	Fruit				--
Carica papaya	Fruit		0.0	-0.5857755812776223	--
Carum carvi	Seed	5.0	96.0	-0.464767259448611	--
Centella asiatica	Shoot				Jim Duke's personal files.
Chrysanthemum x morifolium	Plant	3.0	10.0	-0.6629650658166377	Wealth of India.
Cinnamomum verum	Leaf				Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.

Plant	Part	Low PPM	High PPM	StdDev	Reference
Cinnamomum verum	Bark Essent. Oil		23000.0		--
Cinnamomum verum	Leaf Essent. Oil		15000.0	-0.6008669130496045	--
Cinnamomum aromaticum	Leaf	0.6	1.5	-0.6464051224345422	Charalambous, G. (Ed.). 1994. Spices, Herbs and Edible Fungi. Elsevier Science B. V. Amsterdam. 764 pp.
Cinnamomum aromaticum	Bark	2.5	32.0	-1.1955124013453908	Wealth of India.
Cinnamomum verum	Root Bark				--
Cinnamomum verum	Stem Bark				--
Cinnamomum verum	Twig				--
Cinnamomum verum	Bark	85.0	956.0	1.252021111601008	--
Citrus aurantiifolia	Fruit	9.0	20.0	-0.5801815825068863	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Citrus limon	Pericarp Essent. Oil	7000.0	111000.0		Jim Duke's personal files.
Citrus reticulata	Leaf Essent. Oil		95500.0	-0.09113638161798661	--
Citrus sinensis	Fruit	30.0	530.0	-0.43753461385311765	--
Citrus reticulata	Fruit	3.0	610.0	-0.41515861877017357	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Citrus aurantium	Leaf	1990.0	2795.0	1.288060378681955	--
Citrus limon	Pericarp				Jim Duke's personal files.
Citrus limon	Petiole		12.0		--
Citrus limon	Leaf Essent. Oil	18000.0	81000.0	-0.1829511978385886	Jim Duke's personal files.
Citrus sinensis	Fruit Juice	0.15	4.69	1.0000000000000004	--
Citrus limon	Essential Oil	8.0	30.0	-0.583010006932893	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Coleus barbatus	Stem Essent. Oil		3900.0		Jim Duke's personal files.
Coleus barbatus	Leaf Essent. Oil		3900.0	-0.6711527378805481	Jim Duke's personal files.
Coriandrum sativum	Seed Essent. Oil	414190.0	742300.0	2.216550400992289	--
Coriandrum sativum	Fruit	400.0	10250.0	2.2811487887245883	--
Coriandrum sativum	Essential Oil		568000.0	1.9636483678850598	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Crocus sativus	Silk Stigma Style				--
Cuminum cyminum	Seed Essent. Oil		300.0	-0.5568630458522826	--
Cuminum cyminum	Seed	30.0	318.0	-0.1602566890671307	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Curcuma longa	Tuber				--
Curcuma longa	Rhizome Essent. Oil		1600.0	-1.0	--
Curcuma longa	Rhizome				--
Cymbopogon citratus	Plant				--
Elettaria cardamomum	Fruit Essent. Oil	51000.0	64000.0	1.4140174751728773	--
Elettaria cardamomum	Seed Essent. Oil		26000.0	-0.4608027687850245	--
Elettaria cardamomum	Fruit	1288.0	8000.0	1.651823927016786	Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
Eucalyptus paniculata	Shoot		2.0	-0.22072398588663095	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		30.0	-0.21969888105494603	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		48.0	-0.21903988509172004	Zrira, S. S., Benjilali, B. B., Fechtal, M. M., & Richard, H. H. 1991. Essential Oils of Twenty-seven Eucalyptus Species Grown in Morocco. Journal of Essential Oil Res. 4: 259-264.
Eucalyptus globulus	Leaf Essent. Oil		2000.0	-0.6831836448335925	--
Eucalyptus blakelyi	Shoot		0.1	-0.2207935465716382	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 melliodora	Shoot		35.0	-0.2195158266207166	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 citriodora	Leaf Essent. Oil		3000.0	-0.6768515885425165	--
Eucalyptus globulus	Shoot		2000.0	-0.14757543396854364	--
Eucalyptus cladocalyx	Shoot		22.0	-0.21999176814971316	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		35.0	-0.6232067711592951	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.
Eucalyptus sideroxylon	Shoot		0.1	-0.2207935465716382	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		45.0	-0.2191497177522577	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	-0.2207935465716382	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	-0.2207935465716382	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 maidenii	Shoot		0.1	-0.2207935465716382	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
<i>Eucalyptus populnea</i>	Leaf		1.8	-0.6461973760052117	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>Eucalyptus diversicolor</i>	Shoot		0.1	-0.2207935465716382	Zrira, S. S., Benjilali, B. B., Fechtal, M. M., & Richard, H. H. 1991. Essential Oils of Twenty-seven <i>Eucalyptus</i> Species Grown in Morocco. Journal of Essential Oil Res. 4: 259-264.
<i>Eucalyptus citriodora</i>	Shoot		3000.0	-0.11096454712265409	--
<i>Eucalyptus botryoides</i>	Shoot		0.1	-0.2207935465716382	Zrira, S. S., Benjilali, B. B., Fechtal, M. M., & Richard, H. H. 1991. Essential Oils of Twenty-seven <i>Eucalyptus</i> Species Grown in Morocco. Journal of Essential Oil Res. 4: 259-264.
<i>Eucalyptus siderophloia</i>	Shoot		14.0	-0.22028465524448027	Zrira, S. S., Benjilali, B. B., Fechtal, M. M., & Richard, H. H. 1991. Essential Oils of Twenty-seven <i>Eucalyptus</i> Species Grown in Morocco. Journal of Essential Oil Res. 4: 259-264.
<i>Eucalyptus polyanthemus</i>	Shoot		6.0	-0.2205775423392474	Zrira, S. S., Benjilali, B. B., Fechtal, M. M., & Richard, H. H. 1991. Essential Oils of Twenty-seven <i>Eucalyptus</i> Species Grown in Morocco. Journal of Essential Oil Res. 4: 259-264.
<i>Eucalyptus occidentalis</i>	Shoot		13.0	-0.22032126613132616	Zrira, S. S., Benjilali, B. B., Fechtal, M. M., & Richard, H. H. 1991. Essential Oils of Twenty-seven <i>Eucalyptus</i> Species Grown in Morocco. Journal of Essential Oil Res. 4: 259-264.
<i>Eucalyptus albens</i>	Shoot		0.1	-0.2207935465716382	Zrira, S. S., Benjilali, B. B., Fechtal, M. M., & Richard, H. H. 1991. Essential Oils of Twenty-seven <i>Eucalyptus</i> Species Grown in Morocco. Journal of Essential Oil Res. 4: 259-264.
<i>Eucalyptus maculata</i>	Shoot		0.1	-0.2207935465716382	Zrira, S. S., Benjilali, B. B., Fechtal, M. M., & Richard, H. H. 1991. Essential Oils of Twenty-seven <i>Eucalyptus</i> Species Grown in Morocco. Journal of Essential Oil Res. 4: 259-264.

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Eucalyptus dealbata</i>	Shoot		13.0	-0.22032126613132616	Zrira, S. S., Benjilali, B. B., Fechtal, M. M., & Richard, H. H. 1991. Essential Oils of Twenty-seven Eucalyptus Species Grown in Morocco. Journal of Essential Oil Res. 4: 259-264.
<i>Eucalyptus camaldulensis</i>	Shoot		14.0	-0.22028465524448027	Zrira, S. S., Benjilali, B. B., Fechtal, M. M., & Richard, H. H. 1991. Essential Oils of Twenty-seven Eucalyptus Species Grown in Morocco. Journal of Essential Oil Res. 4: 259-264.
<i>Eucalyptus tereticornis</i>	Shoot		0.1	-0.2207935465716382	Zrira, S. S., Benjilali, B. B., Fechtal, M. M., & Richard, H. H. 1991. Essential Oils of Twenty-seven Eucalyptus Species Grown in Morocco. Journal of Essential Oil Res. 4: 259-264.
<i>Eucalyptus citriodora</i>	Leaf	15.0	180.0	-0.5227959969828526	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Eucalyptus saligna</i>	Shoot		12.0	-0.22035787701817205	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>Ficus carica</i>	Fruit				--
<i>Ficus carica</i>	Leaf				Blaschek, W., Hansel, R., Keller, K., Reichling, J., Rimpler, H., and Schneider, G. eds. 1998. Hager's Handbuch der Pharmazeutischen Praxis, Auflage Band 2 (A-K), 909 pp., (L-Z), 858 pp. Springer-Verlag, Berlin.
<i>Ficus carica</i>	Leaf Essent. Oil				--
<i>Foeniculum vulgare</i>	Plant		60.0	-0.6562008063960006	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Foeniculum vulgare</i>	Seed	1.0	2050.0	2.215474427602798	--
<i>Foeniculum vulgare</i>	Seed Essent. Oil	700.0	6300.0	-0.5344365220233508	Jim Duke's personal files.
<i>Fragaria</i> spp	Leaf				--
<i>Gardenia jasminoides</i>	Flower				ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
<i>Gentiana lutea</i>	Essential Oil				Abstract (See species file)

Plant	Part	Low PPM	High PPM	StdDev	Reference
Glycyrrhiza glabra	Root		2.0	-1.2001299669671104	--
Helianthus annuus	Flower				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.
Hesperis matronalis	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 Hesperis matronalis Flowers. Phytochemistry, 38(4): 847-851.
Hibiscus sabdariffa	Calyx				--
Houttuynia cordata	Essential Oil				--
Houttuynia cordata	Shoot Essent. Oil				--
Humulus lupulus	Essential Oil				--
Humulus lupulus	Fruit				--
Hypericum perforatum	Plant	2.5	45.0	-0.6582300842221918	--
Hyssopus officinalis	Leaf	0.2	160.0	-0.5366457589382241	--
Hyssopus officinalis	Essential Oil				--
Hyssopus officinalis	Flower	0.1	1.0	-0.5919295131645452	Flavour and Fragrance Journal, 6: 72.
Illicium verum	Fruit	250.0	1400.0	-0.19419566732610075	--
Juniperus communis	Plant				--
Lantana camara	Shoot		27.0	-0.21980871371548372	--
Laurus nobilis	Leaf	20.0	3340.0	1.6654663919658252	--
Laurus nobilis	Leaf Essent. Oil	4000.0	183700.0	0.46735098325491625	--
Laurus nobilis	Essential Oil				--
Lavandula angustifolia	Flower	2000.0	10500.0	1.7319624037147896	--
Levisticum officinale	Root	3.0	30.0	1.543024243243428	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Lippia javanica	Essential Oil				--
Melaleuca alternifolia	Leaf	10.0	25.0	-0.6301316521369809	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.

Plant	Part	Low PPM	High PPM	StdDev	Reference
Melaleuca alternifolia	Essential Oil		3000.0	-0.5696931497516874	--
Melaleuca alternifolia	Root Essent. Oil				--
Melissa officinalis	Shoot	1.0	80.0	-0.21786833671265157	--
Mentha x piperita	Leaf	12.0	120.0	-0.5643452828489668	Duke, J. A. Writeups or information summaries on approximately 2,000 economic plants, USDA, ARS, Beltsville, MD 20705.
Mentha spicata	Plant	11.0	24500.0	2.6501691984113913	--
Mentha pulegium	Essential Oil				--
Mentha aquatica	Leaf	1080.0	3060.0	1.471569724590626	List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Mentha pulegium	Plant	15.0	30.0	-0.6602593620483829	--
Mentha spicata	Essential Oil				--
Mentha longifolia	Shoot	10.0	33360.0	1.0005419775185522	--
Mentha arvensis var. piperascens	Leaf				Jim Duke's personal files.
Murraya koenigii	Leaf		14.0	-0.6377490212124352	--
Myrica cerifera	Leaf				CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Myristica fragrans	Essential Oil	2000.0	10000.0	-0.538306617674772	--
Myristica fragrans	Seed Essent. Oil	2000.0	106000.0	-0.16178245106593325	--
Myristica fragrans	Seed				--
Myrtus communis	Plant	18.0	505.0	-0.5959988975523308	--
Ocimum basilicum	Shoot Essent. Oil	49500.0	177100.0	0.31770222209079224	--
Ocimum basilicum	Flower Essent. Oil		416000.0		--
Ocimum basilicum	Leaf				--
Ocimum basilicum	Essential Oil	10.0	630000.0	2.241643366280597	--
Ocimum basilicum	Plant	5.0	8730.0	0.5167217771424646	--
Ocimum basilicum	Leaf Essent. Oil	14000.0	593000.0	3.0590616231923224	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Origanum sipyleum	Shoot		35.0	-0.2195158266207166	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 majorana	Shoot		164100.0	5.787049323750151	--
Origanum majorana	Plant	99.0	7965.0	0.4132286080067176	--
Origanum vulgare	Shoot Essent. Oil	1200.0	238100.0	1.0345888637999787	--
Origanum vulgare	Essential Oil		380000.0	1.1206957921050447	--
Origanum vulgare	Plant	1.0	600.0	-0.5831468046531204	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Origanum majorana	Essential Oil		7000.0	-0.5517579885648786	--
Panax ginseng	Root Essent. Oil				--
Pelargonium roseum	Shoot		1962.0	-0.14896664766868745	--
Perilla frutescens	Shoot Essent. Oil		35000.0	-1.3522910858907715	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.
Perilla frutescens	Leaf Essent. Oil		26000.0	-0.5312142938477685	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.
Perilla frutescens	Plant				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.
Petroselinum crispum	Leaf		0.12	-0.647360756009463	--
Peumus boldus	Leaf	0.0	4300.0	2.3302549658236513	--
Pimenta dioica	Leaf Essent. Oil				--
Pimenta racemosa	Leaf	130.0	1080.0	0.1004432910088594	--
Pimenta dioica	Fruit		42.0	-0.5740281838590767	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Pimenta dioica	Leaf		5.0	-0.6439814140923522	--
Pimpinella anisum	Seed Essent. Oil				--
Pimpinella anisum	Seed		50.0	-0.5278640443024313	--
Piper nigrum	Fruit Essent. Oil		2200.0	-0.6866142547714452	--
Piper cubeba	Fruit				Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Piper nigrum	Fruit		90.0	-0.5606025868093102	--
Piper auritum	Leaf				Tramil
Pistacia lentiscus	Plant				--
Prunella vulgaris	Essential Oil				--
Prunella vulgaris	Plant		320.0	-0.6210266574086879	--
Prunus armeniaca	Fruit				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Psidium guajava	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
Ptychopetalum olacoides	Root Essent. Oil		9000.0		Uber Bucek, E., Fournier, G., Dadoun, H. 1987. Volatile Constituents of Ptychopetalum olacoides Root Oil. Planta Med. 53, 2: 231.
Ravensara aromatica	Bark		462.0	-0.05650871025561651	--
Ravensara aromatica	Leaf		240.0	-0.48124671111673856	--
Ribes nigrum	Leaf		7.0	-0.6425964378968151	List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Rosmarinus officinalis	Leaf Essent. Oil		12000.0	-0.6198630819228325	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Rosmarinus officinalis	Resin, Exudate, Sap				--
Rosmarinus officinalis	Shoot		65.0	-0.2184175000153399	Tucker, A. O. and Maciarelo, M. J. 1998. The essential oils of some rosemary cultivars. Flavor and Fragrance Journal, 1: 137-142. 1986.
Rosmarinus officinalis	Essential Oil		4000.0	-0.5652093594549852	--
Rosmarinus officinalis	Plant	0.1	585.0	-0.5851760824793115	--
Salvia officinalis	Et		11000.0		--
Salvia officinalis	Leaf Essent. Oil	4000.0	46600.0	-0.40077393425160296	--
Salvia officinalis	Plant	0.0	3500.0	-0.1908197582561713	--
Salvia officinalis	Essential Oil	1700.0	5000.0	-0.560725569158283	--
Sambucus nigra	Flower Essent. Oil				--
Sassafras albidum	Leaf	27.0	87.0	-0.5871973900753296	--
Satureja hortensis	Plant				--
Satureja montana	Essential Oil		12900.0	-0.5253036258143355	--
Satureja montana	Plant	15.0	14260.0	1.2648488690649229	--
Scutellaria baicalensis	Root Essent. Oil				--
Skimmia arborescens	Leaf				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Stevia rebaudiana	Leaf		65.0	-0.6024321282262382	Kinghorn, A. D. (Ed.) 2002. Medicinal and Aromatic Plants - Industrial Profiles. Stevia. The genus Stevia. Taylor & Francis. New York, NY. 211 pp.
Stevia rebaudiana	Flower		130.0	-0.5633761216722666	Kinghorn, A. D. (Ed.) 2002. Medicinal and Aromatic Plants - Industrial Profiles. Stevia. The genus Stevia. Taylor & Francis. New York, NY. 211 pp.
Syzygium aromaticum	Fruit		1.0	-0.5854958813390855	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Tagetes lucida	Leaf				Tramil

Plant	Part	Low PPM	High PPM	StdDev	Reference
Tagetes lucida	Shoot		65.0	-0.2184175000153399	Bicchi, C., Fresia, M., Rubiolo, P., Monti, D., Franz, C., Goehler, I. 1997. Constituents of Tagetes lucida Cav. ssp. lucida essential oil. Flavor & Fragrance, 12(1): 47-52.
Tamarindus indica	Fruit Essent. Oil		1000.0	-0.727403220401432	--
Tanacetum parthenium	Essential Oil		13000.0	-0.5248552467846653	--
Theobroma cacao	Seed		5.0	-0.5895891599202989	--
Thymus vulgaris	Plant	20.0	17420.0	1.6923500644491847	--
Thymus funkii	Shoot		32.0	-0.21962565928125427	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 vulgaris	Essential Oil	28200.0	42800.0	-0.3912382959429395	--
Thymus funkii	Shoot		32.0	-0.21962565928125427	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.
Trifolium pratense	Flower		70.0	-0.5766567688779776	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. Agr. Food Chem. 44:1827-8
Vaccinium myrtillus	Fruit Juice		0.004	-0.9999999999999998	--
Vetiveria zizanioides	Root		15.0	0.0734773449163537	--
Vitex agnus-castus	Leaf		0.5	-0.6470976105323109	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.
Vitis vinifera	Fruit				ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Vitis vinifera	Leaf Essent. Oil		273000.0	1.032803610048003	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Zea mays	Leaf				--
Zea mays	Plant				Stitt, Paul. Why George should eat broccoli.
Zingiber officinale	Root Essent. Oil				--
Zingiber officinale	Rhizome		50.0	-1.0	--
Zingiber officinale	Rhizome Essent. Oil	3200.0	30000.0	1.0	--