

List of Plants



Chemid
LINALOOL

Dosage

LD50=2,790 mg/kg (orl rat) Zebovitz, T. C. Ed. 1989. Part VII. Flavor and Fragrance Substances, in Keith L. H. and Walters, D.B., eds. Compendium of Safety Data Sheets for Research and Industrial Chemicals. VCH Publishers, New York. 3560-4253.

LD50=459 mg/kg (ipr mus)

ADI=500 ug/kg

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

Plant	Part	Low PPM	High PPM	StdDev	*Reference
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	2.12	*
Acinos suaveolens	Shoot	--	1800.0	-0.15	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	-0.66	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	-0.42	*
Angelica archangelica	Root Essent. Oil	--	--		*
Apium graveolens	Seed	1.0	90.0	-0.47	*
Apium graveolens	Seed Essent. Oil	--	14800.0	-0.5	*

<i>Artemisia dracunculus</i>	Essential Oil	--	--		*
<i>Artemisia dracunculus</i>	Shoot Essent. Oil	--	--		*
<i>Artemisia annua</i>	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.
<i>Artemisia vulgaris</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>Artemisia dracunculus</i>	Leaf Essent. Oil	--	--		*
<i>Aspalathus linearis</i>	Leaf Essent. Oil	--	5400.0	-0.66	*
<i>Ballota nigra</i>	Plant	--	3.0	-0.66	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Boswellia serrata</i>	Essential Oil	--	15000.0	-0.52	*
<i>Boswellia sacra</i>	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.
<i>Callicarpa americana</i>	Leaf	--	3.0	-0.65	*
<i>Camellia sinensis</i>	Leaf Essent. Oil	82000.0	198400.0	0.56	*
<i>Camellia sinensis</i>	Leaf	6.0	1984.0	0.73	*
<i>Camellia sinensis</i>	Shoot	4000.0	10300.0	0.16	*
<i>Capsicum annum</i>	Fruit	--	--		*
<i>Carica papaya</i>	Fruit	--	--	-0.59	*
<i>Carum carvi</i>	Seed	5.0	96.0	-0.46	*
<i>Centella asiatica</i>	Shoot	--	--		Jim Duke's personal files.
<i>Chrysanthemum x morifolium</i>	Plant	3.0	10.0	-0.66	Wealth of India.
<i>Cinnamomum verum</i>	Leaf	--	--		Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Cinnamomum verum</i>	Bark Essent. Oil	--	23000.0		*
<i>Cinnamomum verum</i>	Leaf Essent. Oil	--	15000.0	-0.6	*
<i>Cinnamomum aromaticum</i>	Bark	2.5	32.0	-1.2	Wealth of India.
<i>Cinnamomum aromaticum</i>	Leaf	0.6	1.5	-0.65	Charalambous, G. (Ed.). 1994. Spices, Herbs and Edible Fungi. Elsevier Science B. V. Amsterdam. 764 pp.
<i>Cinnamomum verum</i>	Root Bark	--	--		*
<i>Cinnamomum verum</i>	Stem Bark	--	--		*
<i>Cinnamomum verum</i>	Bark	85.0	956.0	1.25	*
<i>Cinnamomum verum</i>	Twig	--	--		*
<i>Citrus reticulata</i>	Leaf Essent. Oil	--	95500.0	-0.09	*
<i>Citrus aurantiifolia</i>	Fruit	9.0	20.0	-0.58	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Citrus limon</i>	Pericarp Essent. Oil	7000.0	111000.0		Jim Duke's personal files.
<i>Citrus sinensis</i>	Fruit	30.0	530.0	-0.44	*

Citrus reticulata	Fruit	3.0	610.0	-0.42	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Citrus aurantium	Leaf	1990.0	2795.0	1.29	*
Citrus limon	Pericarp	--	--		Jim Duke's personal files.
Citrus limon	Petiole	--	12.0		*
Citrus limon	Leaf Essent. Oil	18000.0	81000.0	-0.18	Jim Duke's personal files.
Citrus sinensis	Fruit Juice	0.15	4.69	1.0	*
Citrus limon	Essential Oil	8.0	30.0	-0.58	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	-0.67	Jim Duke's personal files.
Coriandrum sativum	Seed Essent. Oil	414190.0	742300.0	2.22	*
Coriandrum sativum	Essential Oil	--	568000.0	1.96	*
Coriandrum sativum	Fruit	400.0	10250.0	2.28	*
Crocus sativus	Silk Stigma Style	--	--		*
Cuminum cyminum	Seed Essent. Oil	--	300.0	-0.56	*
Cuminum cyminum	Seed	30.0	318.0	-0.16	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	1.41	*
Elettaria cardamomum	Seed Essent. Oil	--	26000.0	-0.46	*
Elettaria cardamomum	Fruit	1288.0	8000.0	1.65	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	-0.22	Zrira, S. S., Benjlali, 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	-0.22	Zrira, S. S., Benjlali, 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	-0.22	Zrira, S. S., Benjlali, 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	-0.68	*
Eucalyptus blakelyi	Shoot	--	0.1	-0.22	Zrira, S. S., Benjlali, 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	--	35.0	-0.22	Zrira, S. S., Benjlali, 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	-0.68	*
Eucalyptus globulus	Shoot	--	2000.0	-0.15	*
Eucalyptus cladocalyx	Shoot	--	22.0	-0.22	Zrira, S. S., Benjlali, 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	-0.62	Singh, A. K., Gupta, K. C., & Brophy, J. J. 1991. Chemical Constituents of the Leaf Essential Oil of Eucalyptus brassiana S. T. Blake. Journal of Essential Oil Res. 3: 45-7.

<i>Eucalyptus sideroxylon</i>	Shoot	--	0.1	-0.22	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 punctata</i>	Shoot	--	45.0	-0.22	Zrira, S. S., Benjilali, B. B., Fechtal, M. M., & Richard, H. H. 1991. Essential Oils of Twenty-seven Eucalyptus Species Grown in Morocco. Journal of Essential Oil Res. 4: 259-264.
<i>Eucalyptus oviformis</i>	Shoot	--	0.1	-0.22	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 populnea</i>	Leaf	--	1.8	-0.65	Bignell, C.M., Dunlop, P.J., Brophy, J.J., and Jackson, J.F. 1995. Volatile Leaf Oils of Some South-western and Southern Australian Species of the Genus Eucalyptus. Part VI. Subgenus Symphyomyrtus, Section Adnataria. Flavour and Fragrance J. 10(6):359-364
<i>Eucalyptus astringens</i>	Shoot	--	0.1	-0.22	Zrira, S. S., Benjilali, B. B., Fechtal, M. M., & Richard, H. H. 1991. Essential Oils of Twenty-seven Eucalyptus Species Grown in Morocco. Journal of Essential Oil Res. 4: 259-264.
<i>Eucalyptus maideni</i>	Shoot	--	0.1	-0.22	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 diversicolor</i>	Shoot	--	0.1	-0.22	Zrira, S. S., Benjilali, B. B., Fechtal, M. M., & Richard, H. H. 1991. Essential Oils of Twenty-seven Eucalyptus Species Grown in Morocco. Journal of Essential Oil Res. 4: 259-264.
<i>Eucalyptus citriodora</i>	Shoot	--	3000.0	-0.11	*
<i>Eucalyptus botryoides</i>	Shoot	--	0.1	-0.22	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 siderophloia</i>	Shoot	--	14.0	-0.22	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 polyanthemus</i>	Shoot	--	6.0	-0.22	Zrira, S. S., Benjilali, B. B., Fechtal, M. M., & Richard, H. H. 1991. Essential Oils of Twenty-seven Eucalyptus Species Grown in Morocco. Journal of Essential Oil Res. 4: 259-264.
<i>Eucalyptus occidentalis</i>	Shoot	--	13.0	-0.22	Zrira, S. S., Benjilali, B. B., Fechtal, M. M., & Richard, H. H. 1991. Essential Oils of Twenty-seven Eucalyptus Species Grown in Morocco. Journal of Essential Oil Res. 4: 259-264.
<i>Eucalyptus albens</i>	Shoot	--	0.1	-0.22	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 maculata</i>	Shoot	--	0.1	-0.22	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 dealbata</i>	Shoot	--	13.0	-0.22	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	-0.22	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	-0.22	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	-0.52	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Eucalyptus saligna</i>	Shoot	--	12.0	-0.22	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	-0.66	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Foeniculum vulgare</i>	Seed Essent. Oil	700.0	6300.0	-0.53	Jim Duke's personal files.

Foeniculum vulgare	Seed	1.0	2050.0	2.22	*
Fragaria spp	Leaf	--	--		*
Gardenia jasminoides	Flower	--	--		ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Gentiana lutea	Essential Oil	--	--		Abstract (See species file)
Glycyrrhiza glabra	Root	--	2.0	-1.2	*
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	-0.66	*
Hyssopus officinalis	Leaf	0.2	160.0	-0.54	*
Hyssopus officinalis	Essential Oil	--	--		*
Hyssopus officinalis	Flower	0.1	1.0	-0.59	Flavour and Fragrance Journal, 6: 72.
Illicium verum	Fruit	250.0	1400.0	-0.19	*
Juniperus communis	Plant	--	--		*
Lantana camara	Shoot	--	27.0	-0.22	*
Laurus nobilis	Leaf	20.0	3340.0	1.67	*
Laurus nobilis	Leaf Essent. Oil	4000.0	183700.0	0.47	*
Laurus nobilis	Essential Oil	--	--		*
Lavandula angustifolia	Flower	2000.0	10500.0	1.73	*
Levisticum officinale	Root	3.0	30.0	1.54	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	-0.63	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Melaleuca alternifolia	Essential Oil	--	3000.0	-0.57	*
Melaleuca alternifolia	Root Essent. Oil	--	--		*
Melissa officinalis	Shoot	1.0	80.0	-0.22	*
Mentha x piperita	Leaf	12.0	120.0	-0.56	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	2.65	*
Mentha aquatica	Leaf	1080.0	3060.0	1.47	List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Mentha pulegium	Essential Oil	--	--		*
Mentha pulegium	Plant	15.0	30.0	-0.66	*

Mentha spicata	Essential Oil	--	--		*
Mentha longifolia	Shoot	10.0	33360.0	1.0	*
Mentha arvensis var. piperascens	Leaf	--	--		Jim Duke's personal files.
Murraya koenigii	Leaf	--	14.0	-0.64	*
Myrica cerifera	Leaf	--	--		CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Myristica fragrans	Essential Oil	2000.0	10000.0	-0.54	*
Myristica fragrans	Seed Essent. Oil	2000.0	106000.0	-0.16	*
Myristica fragrans	Seed	--	--		*
Myrtus communis	Plant	18.0	505.0	-0.6	*
Ocimum basilicum	Shoot Essent. Oil	49500.0	177100.0	0.32	*
Ocimum basilicum	Flower Essent. Oil	--	416000.0		*
Ocimum basilicum	Leaf	--	--		*
Ocimum basilicum	Plant	5.0	8730.0	0.52	*
Ocimum basilicum	Essential Oil	10.0	630000.0	2.24	*
Ocimum basilicum	Leaf Essent. Oil	14000.0	593000.0	3.06	*
Origanum sipyleum	Shoot	--	35.0	-0.22	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	5.79	*
Origanum majorana	Plant	99.0	7965.0	0.41	*
Origanum vulgare	Shoot Essent. Oil	1200.0	238100.0	1.03	*
Origanum vulgare	Essential Oil	--	380000.0	1.12	*
Origanum majorana	Essential Oil	--	7000.0	-0.55	*
Origanum vulgare	Plant	1.0	600.0	-0.58	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Panax ginseng	Root Essent. Oil	--	--		*
Pelargonium roseum	Shoot	--	1962.0	-0.15	*
Perilla frutescens	Shoot Essent. Oil	--	35000.0	-1.35	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	-0.53	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	-0.65	*
Peumus boldus	Leaf	--	4300.0	2.33	*
Pimenta dioica	Leaf Essent. Oil	--	--		*

<i>Pimenta racemosa</i>	Leaf	130.0	1080.0	0.1	*
<i>Pimenta dioica</i>	Fruit	--	42.0	-0.57	*
<i>Pimenta dioica</i>	Leaf	--	5.0	-0.64	*
<i>Pimpinella anisum</i>	Seed Essent. Oil	--	--		*
<i>Pimpinella anisum</i>	Seed	--	50.0	-0.53	*
<i>Piper nigrum</i>	Fruit Essent. Oil	--	2200.0	-0.69	*
<i>Piper cubeba</i>	Fruit	--	--		Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Piper nigrum</i>	Fruit	--	90.0	-0.56	*
<i>Piper auritum</i>	Leaf	--	--		Tramil
<i>Pistacia lentiscus</i>	Plant	--	--		*
<i>Prunella vulgaris</i>	Essential Oil	--	--		*
<i>Prunella vulgaris</i>	Plant	--	320.0	-0.62	*
<i>Prunus armeniaca</i>	Fruit	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
<i>Psidium guajava</i>	Essential Oil	--	--		*
<i>Psoralea corylifolia</i>	Seed	--	--		=ICMR(Indian Council of Medical Research).1976.Medicinal Plants of India.Vol.1.Indian Council of Med. Res.Cambridge Printing Works, New Delhi.487 pp;ICMR.1987.Medicinal Plants of India.Vol.2.Indian Council of Med. Res.Cambr. Printing Works,New Delhi.600pp
<i>Ptychopetalum olacoides</i>	Root Essent. Oil	--	9000.0		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>Ravensara aromatica</i>	Bark	--	462.0	-0.06	*
<i>Ravensara aromatica</i>	Leaf	--	240.0	-0.48	*
<i>Ribes nigrum</i>	Leaf	--	7.0	-0.64	List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
<i>Rosmarinus officinalis</i>	Leaf Essent. Oil	--	12000.0	-0.62	*
<i>Rosmarinus officinalis</i>	Resin, Exudate, Sap	--	--		*
<i>Rosmarinus officinalis</i>	Shoot	--	65.0	-0.22	Tucker, A. O. and Maciarello, M. J. 1998. The essential oils of some rosemary cultivars. <i>Flavor and Fragrance Journal</i> , 1: 137-142. 1986.
<i>Rosmarinus officinalis</i>	Essential Oil	--	4000.0	-0.57	*
<i>Rosmarinus officinalis</i>	Plant	0.1	585.0	-0.59	*
<i>Salvia officinalis</i>	Et	--	11000.0		*
<i>Salvia officinalis</i>	Leaf Essent. Oil	4000.0	46600.0	-0.4	*
<i>Salvia officinalis</i>	Plant	--	3500.0	-0.19	*
<i>Salvia officinalis</i>	Essential Oil	1700.0	5000.0	-0.56	*
<i>Sambucus nigra</i>	Flower Essent. Oil	--	--		*
<i>Sassafras albidum</i>	Leaf	27.0	87.0	-0.59	*
<i>Satureja hortensis</i>	Plant	--	--		*
<i>Satureja montana</i>	Essential Oil	--	12900.0	-0.53	*
<i>Satureja montana</i>	Plant	15.0	14260.0	1.26	*
<i>Scutellaria baicalensis</i>	Root Essent. Oil	--	--		*
<i>Skimmia arborescens</i>	Leaf	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.

<i>Stevia rebaudiana</i>	Leaf	--	65.0	-0.6	Kinghorn, A. D. (Ed.) 2002. Medicinal and Aromatic Plants - Industrial Profiles. Stevia. The genus Stevia. Taylor & Francis. New York, NY. 211 pp.
<i>Stevia rebaudiana</i>	Flower	--	130.0	-0.56	Kinghorn, A. D. (Ed.) 2002. Medicinal and Aromatic Plants - Industrial Profiles. Stevia. The genus Stevia. Taylor & Francis. New York, NY. 211 pp.
<i>Syzygium aromaticum</i>	Fruit	--	1.0	-0.59	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Tagetes lucida</i>	Leaf	--	--		Tramil
<i>Tagetes lucida</i>	Shoot	--	65.0	-0.22	Bicchi, C., Fresia, M., Rubiolo, P., Monti, D., Franz, C., Goehler, I. 1997. Constituents of <i>Tagetes lucida</i> Cav. ssp. <i>lucida</i> essential oil. Flavor & Fragrance, 12(1): 47-52.
<i>Tamarindus indica</i>	Fruit Essent. Oil	--	1000.0	-0.73	*
<i>Tanacetum parthenium</i>	Essential Oil	--	13000.0	-0.52	*
<i>Theobroma cacao</i>	Seed	--	5.0	-0.59	*
<i>Thymus vulgaris</i>	Plant	20.0	17420.0	1.69	*
<i>Thymus funkii</i>	Shoot	--	32.0	-0.22	Vila, R., et al. 1995. Composition and study of the variability of the essential oil of <i>Thymus funkii</i> Cousson. Flav. & Fragr. J. 10(6): 379-383.
<i>Thymus vulgaris</i>	Essential Oil	28200.0	42800.0	-0.39	*
<i>Thymus funkii</i>	Shoot	--	32.0	-0.22	Vila, R., et al. 1995. Composition and study of the variability of the essential oil of <i>Thymus funkii</i> Cousson. Flav. & Fragr. J. 10(6): 379-383.
<i>Trifolium pratense</i>	Flower	--	70.0	-0.58	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
<i>Vaccinium myrtillus</i>	Fruit Juice	--	0.004	-1.0	*
<i>Vetiveria zizanioides</i>	Root	--	15.0	0.07	*
<i>Vitex agnus-castus</i>	Leaf	--	0.5	-0.65	Ekundayo, O., Laakso, I., Holopainen, M., Hiltunen, R., Oguntimein, B., and Kauppinen, V. 1990. The Chemical Composition and Antimicrobial Activity of the Leaf Oil of <i>Vitex agnus-castus</i> L. J. Essential Oil Research, 2: 115-119.
<i>Vitis vinifera</i>	Fruit	--	--		ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
<i>Vitis vinifera</i>	Leaf Essent. Oil	--	273000.0	1.03	*
<i>Zea mays</i>	Leaf	--	--		*
<i>Zea mays</i>	Plant	--	--		Stitt, Paul. Why George should eat broccoli.
<i>Zingiber officinale</i>	Root Essent. Oil	--	--		*
<i>Zingiber officinale</i>	Rhizome	--	50.0	-1.0	*
<i>Zingiber officinale</i>	Rhizome Essent. Oil	3200.0	30000.0	1.0	*