

Dr. Duke's Phytochemical and Ethnobotanical Databases

List of Plants for FURFURAL

Plant	Part	Low PPM	High PPM	StdDev	Reference
Abelmoschus moschatus	Seed				ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Achillea millefolium	Plant				--
Acorus calamus	Rhizome				--
Agathosma betulina	Leaf Essent. Oil				--
Aloysia citrodora	Plant				Guenther, E., The Essential Oils, 6 volumes, D. van Nostrand, New York, 1948-1952.
Anethum graveolens	Plant				Rizk, A.F.M., The Phytochemistry of the Flora of Qatar, Scientific and Applied Research Centre, University of Qatar, Kingprint, Richmond, UK, 1986.
Angelica archangelica	Root				Pakistan Encyclopedia Planta Medica. 1986.
Atractylodes lancea	Rhizome				--
Avena sativa	Hull Husk	100000.0	132000.0		--
Cananga odorata	Flower				--
Carum carvi	Seed				--
Carum carvi	Fruit				--
Catharanthus roseus	Leaf				CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Cinnamomum aromaticum	Plant				--
Cinnamomum verum	Root Bark				--
Cinnamomum verum	Bark	3.0	12.0		Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Cinnamomum camphora	Plant				--
Cistus ladaniferus	Leaf				--
Citrus aurantiifolia	Fruit	0.0	1.0	-0.7089815020862192	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Cymbopogon winterianus	Plant				Guenther, E., The Essential Oils, 6 volumes, D. van Nostrand, New York, 1948-1952.

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Cymbopogon citratus</i>	Plant				Guenther, E., The Essential Oils, 6 volumes, D. van Nostrand, New York, 1948-1952.
<i>Ephedra sinica</i>	Shoot		1.0	-1.0	--
<i>Eruca sativa</i>	Hs				--
<i>Eryngium foetidum</i>	Plant				Tramil
<i>Fragaria</i> spp	Leaf				--
<i>Glycyrrhiza glabra</i>	Root Essent. Oil				--
<i>Glycyrrhiza glabra</i>	Root		2.0	-1.0	Kameoka, H. and Nakai, K. 1987. Components of essential oil from the root of <i>Glycyrrhiza-glabra</i> . <i>Nippon Gogeikagaku Kaishi</i> 61(9): 1119-1122.
<i>Hibiscus sabdariffa</i>	Calyx				--
<i>Hyssopus officinalis</i>	Shoot	1.0	2.0	1.0	Indian Perfumer, 35: 51.
<i>Iris versicolor</i>	Rhizome				--
<i>Iris x germanica</i>	Rhizome				--
<i>Lantana camara</i>	Leaf				--
<i>Lavandula x intermedia</i>	Plant				Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Lavandula latifolia</i>	Plant	8.0	24.0	1.3953565377887007	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Levisticum officinale</i>	Root	2.0	20.0	1.0	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Lycopersicon esculentum</i>	Fruit				--
<i>Matricaria recutita</i>	Plant				Kameoka, H. and Nakai, K. 1987. Components of essential oil from the root of <i>Glycyrrhiza-glabra</i> . <i>Nippon Gogeikagaku Kaishi</i> 61(9): 1119-1122.
<i>Melissa officinalis</i>	Tissue Culture				Gbolade, A.A. and Lockwood, G.B. 1991. The Constituents of <i>Melissa officinalis</i> L. Cultures. <i>J. Ess. Oil Res.</i> , 3: 111-114.
<i>Mentha arvensis</i> var. <i>piperascens</i>	Plant	2.0	5.0	-0.4983416206388216	Guenther, E., The Essential Oils, 6 volumes, D. van Nostrand, New York, 1948-1952.
<i>Mentha aquatica</i>	Leaf				Jim Duke's personal files.

Plant	Part	Low PPM	High PPM	StdDev	Reference
Mentha spicata	Essential Oil				--
Mentha spicata	Leaf				Duke, J. A. Writeups or information summaries on approximately 2,000 economic plants, USDA, ARS, Beltsville, MD 20705.
Myristica fragrans	Seed		15000.0	-1.0	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Myrtus communis	Plant	0.0	1.0	-0.8970149171498789	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Ocimum basilicum	Plant				--
Oryza sativa	Petiole	90000.0	100000.0		--
Phragmites australis	Stem		66000.0		ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Phragmites australis	Rhizome		130000.0	1.0	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Pimpinella anisum	Fruit		30000.0	1.4142119041181418	--
Pimpinella anisum	Seed		30000.0	1.0	--
Pinus sylvestris	Root				Guenther, E., The Essential Oils, 6 volumes, D. van Nostrand, New York, 1948-1952.
Rheum palmatum	Rhizome		0.5	-1.0	--
Rubus idaeus	Fruit				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Sterculia urens	Gum		123000.0		--
Syzygium aromaticum	Plant				--
Tamarindus indica	Fruit Essent. Oil	30000.0	1230900.0		--
Theobroma cacao	Exocarp		90000.0		ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Vanilla planifolia	Fruit		54.0	-0.705230402031923	--
Zea mays	Plant				--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Zea mays	Shoot				--
Zingiber officinale	Rhizome Essent. Oil				--
Zingiber officinale	Plant				--