

Dr. Duke's Phytochemical and Ethnobotanical Database

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	132000		--
Cananga odorata	Flower	--	--		--
Carum carvi	Fruit	--	--		--
Carum carvi	Seed	--	--		--
Catharanthus roseus	Leaf	--	--		CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Cinnamomum aromaticum	Plant	--	--		--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Cinnamomum camphora	Plant	--	--		--
Cinnamomum verum	Bark	3	12		Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Cinnamomum verum	Root Bark	--	--		--
Cistus ladaniferus	Leaf	--	--		--
Citrus aurantiifolia	Fruit	0	1	-0.7089815020862192	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Cymbopogon citratus	Plant	--	--		Guenther, E., The Essential Oils, 6 volumes, D. van Nostrand, New York, 1948-1952.
Cymbopogon winterianus	Plant	--	--		Guenther, E., The Essential Oils, 6 volumes, D. van Nostrand, New York, 1948-1952.
Ephedra sinica	Shoot	--	1	-1	--
Eruca sativa	Hs	--	--		--
Eryngium foetidum	Plant	--	--		Tramil
Fragaria spp	Leaf	--	--		--
Glycyrrhiza glabra	Root	2	2	-1	Kameoka, H. and Nakai, K. 1987. Components of essential oil from the root of Glycyrrhiza-glabra. Nippon Gogeikagaku Kaishi 61(9): 1119-1122.
Glycyrrhiza glabra	Root Essent. Oil	--	--		--
Hibiscus sabdariffa	Calyx	--	--		--
Hyssopus officinalis	Shoot	1	2	1	Indian Perfumer, 35: 51.
Iris versicolor	Rhizome	--	--		--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Iris x germanica	Rhizome	--	--		--
Lantana camara	Leaf	--	--		--
Lavandula latifolia	Plant	8	24	1.3953565377887007	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Lavandula x intermedia	Plant	--	--		Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Levisticum officinale	Root	2	20	1	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Lycopersicon esculentum	Fruit	--	--		--
Matricaria recutita	Plant	--	--		Kameoka, H. and Nakai, K. 1987. Components of essential oil from the root of Glycyrrhiza-glabra. Nippon Gogeikagaku Kaishi 61(9): 1119-1122.
Melissa officinalis	Tissue Culture	--	--		Gbolade, A.A. and Lockwood, G.B. 1991. The Constituents of Melissa officinalis L. Cultures. J. Ess. Oil Res., 3: 111-114.
Mentha aquatica	Leaf	--	--		Jim Duke's personal files.
Mentha arvensis var. piperascens	Plant	2	5	-0.4983416206388216	Guenther, E., The Essential Oils, 6 volumes, D. van Nostrand, New York, 1948-1952.
Mentha spicata	Leaf	--	--		Duke, J. A. Writeups or information summaries on approximately 2,000 economic plants, USDA, ARS, Beltsville, MD 20705.
Mentha spicata	Essential Oil	--	--		--
Myristica fragrans	Seed	15000	15000	-1	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.

Plant	Part	Low PPM	High PPM	StdDev	Reference
Myrtus communis	Plant	0	1	-0.8970149171498789	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Ocimum basilicum	Plant	--	--		--
Oryza sativa	Petiole	90000	100000		--
Phragmites australis	Rhizome	--	130000	1	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Phragmites australis	Stem	--	66000		ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Pimpinella anisum	Fruit	--	30000	1.4142119041181418	--
Pimpinella anisum	Seed	30000	30000	1	--
Pinus sylvestris	Root	--	--		Guenther, E., The Essential Oils, 6 volumes, D. van Nostrand, New York, 1948-1952.
Rheum palmatum	Rhizome	--	0.5	-1	--
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	123000		--
Syzygium aromaticum	Plant	--	--		--
Tamarindus indica	Fruit Essent. Oil	30000	1230900		--
Theobroma cacao	Exocarp	--	90000		ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.

Plant	Part	Low PPM	High PPM	StdDev	Reference
Vanilla planifolia	Fruit	--	54	-0.705230402031923	--
Zea mays	Plant	--	--		--
Zea mays	Shoot	--	--		--
Zingiber officinale	Plant	--	--		--
Zingiber officinale	Rhizome Essent. Oil	--	--		--