

**Dr. Duke's Phytochemical and Ethnobotanical Database**

**List of Plants for PHENOL**

<b>Plant</b>	<b>Part</b>	<b>Low PPM</b>	<b>High PPM</b>	<b>StdDev</b>	<b>Reference</b>
Achillea millefolium	Plant	--	155	-1	--
Acorus calamus	Plant	--	--		--
Alisma plantago-aquatica	Plant	--	--		--
Artemisia capillaris	Essential Oil	--	--		--
Artemisia dracunculus	Plant	--	--		Stitt, Paul. Why George should eat broccoli.
Aspalathus linearis	Leaf Essent. Oil	--	700		--
Asparagus officinalis	Shoot	--	--		--
Camellia sinensis	Leaf	--	--		--
Capsicum annuum	Fruit	--	--		--
Carthamus tinctorius	Bud	0.04	0.04		--
Cinnamomum aromaticum	Plant	--	--		--
Cinnamomum verum	Plant	--	--		--
Cinnamomum verum	Root Bark	--	--		--
Citrus aurantium	Plant	--	--		--
Elsholtzia nipponica	Plant	--	--		Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.
Glycyrrhiza glabra	Root	--	--		--
Glycyrrhiza glabra	Root Essent. Oil	--	--		--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Hamamelis virginiana	Bark	--	--		--
Hypericum perforatum	Plant	--	--		--
Ligustrum japonicum	Flower Essent. Oil	--	--		--
Lycopersicon esculentum	Fruit	--	--		--
Mentha pulegium	Essential Oil	--	--		--
Morus alba	Plant	--	--		--
Myrica cerifera	Bark	--	--		--
Nicotiana tabacum	Leaf	--	--		ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Origanum majorana	Plant	1431	8204	1	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Pinus elliottii	Plant	--	--		--
Pinus sylvestris	Wood	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Pogostemon cablin	Leaf	--	--		--
Rheum palmatum	Rhizome	--	0.5		--
Ruta graveolens	Plant	--	--		--
Santalum album	Wood	--	--		--
Satureja montana	Plant	--	--		Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.

Plant	Part	Low PPM	High PPM	StdDev	Reference
Scutellaria baicalensis	Root Essent. Oil	--	--		--
Sesamum indicum	Seed	--	--		Jim Duke's personal files.
Tamarindus indica	Fruit	--	--		Jim Duke's personal files.
Tamarindus indica	Fruit Essent. Oil	--	1600		--
Trifolium pratense	Flower	--	49		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.Agric.Food Chem.44:1827-8
Vaccinium corymbosum	Fruit	0.01	0.06	-0.9999999999999999	--
Vaccinium myrtillus	Fruit Juice	0.03	0.03		--
Vanilla planifolia	Fruit	--	28	0.9999999999999999	--