

Dr. Duke's Phytochemical and Ethnobotanical Databases

List of Plants for ASPARAGINE

Plant	Part	Low PPM	High PPM	StdDev	Reference
Achillea millefolium	Plant				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Alisma plantago-aquatica	Plant				--
Allium cepa	Bulb				--
Allium sativum var. sativum	Bulb	0.0	29000.0		--
Allium ampeloprasum	Plant				--
Alocasia macrorrhiza	Plant				--
Aloe vera	Leaf				Waller, G. R., Mangiafico, S., Ritchey, C. R. 1978. A Chemical Investigation of Aloe barbadensis. Proc. Okla. Acad. Sci. 58: 69-.
Althaea officinalis	Root	10000.0	20000.0	-1.2247448713915892	--
Ananas comosus	Fruit		1251.0	-0.05455471931954438	--
Angelica archangelica	Leaf				--
Annona squamosa	Plant				--
Apium graveolens	Root				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Armoracia rusticana	Root				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Artemisia dracunculus	Root				--
Artemisia dracunculus	Leaf				--
Asparagus officinalis	Shoot				--
Asparagus lucidus	Root				--
Astragalus membranaceus	Root				Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
Atropa bella-donna	Root				--
Camellia sinensis	Plant				--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Capsicum annuum	Fruit				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Capsicum frutescens	Fruit				--
Citrus sinensis	Fruit	200.0	1800.0	0.3373215168393527	--
Citrus reticulata	Fruit	180.0	850.0	-0.3407885457306878	--
Citrus paradisi	Fruit		420.0	-0.6477225740518642	--
Coccinia grandis	Flower				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Coffea arabica	Seed				--
Convallaria majalis	Plant				--
Euonymus atropurpureus	Bark				--
Fragaria spp	Plant				--
Ginkgo biloba	Fruit				Chemical Constituents of Oriental Herbs (3 diff. books)
Glycyrrhiza glabra	Root	20000.0	40000.0	1.2247448713915892	=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
Humulus lupulus	Fruit				CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Huperzia spp	Plant				--
Lippia javanica	Plant				Neidlein, R., Staehle, R. 1974. Constituents of Lippia javanica. III. Deutsche Apot. Ztit., 114: 1588.
Lupinus albus	Seed		116340.0	1.0	--
Lycium chinense	Leaf				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Lycopersicon esculentum</i>	Fruit		300.0	-0.7333785819554481	--
<i>Malus domestica</i>	Fruit		171.0	-0.825458790451801	--
<i>Medicago sativa</i>	Seed				Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
<i>Momordica charantia</i>	Seed				Jim Duke's personal files.
<i>Murraya koenigii</i>	Leaf				ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
<i>Nelumbo nucifera</i>	Rhizome		20000.0	1.413855910886902	--
<i>Nicotiana tabacum</i>	Leaf				ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
<i>Nigella sativa</i>	Seed		0.0	-1.0	--
<i>Oryza sativa</i>	Juice				--
<i>Panax quinquefolius</i>	Plant				--
<i>Phaseolus vulgaris</i>	Leaf				--
<i>Phaseolus vulgaris</i>	Fruit				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
<i>Phoenix dactylifera</i>	Fruit	2300.0	4500.0	2.264581694669994	Abstract (See species file)
<i>Phragmites australis</i>	Rhizome		1000.0	-0.6793853078287713	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
<i>Piper betel</i>	Leaf				--
<i>Prunus cerasus</i>	Fruit				--
<i>Ribes nigrum</i>	Fruit Juice		87.0		--
<i>Robinia pseudoacacia</i>	Leaf				--
<i>Salvia officinalis</i>	Plant				--
<i>Santalum album</i>	Fruit				--
<i>Symphytum officinale</i>	Root	10000.0	30000.0	0.0	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Terminalia chebula	Fruit				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Tilia sp.	Fruit				--
Urtica dioica	Plant				--
Valeriana officinalis	Rhizome				--
Vicia faba	Leaf				ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Vigna radiata	Seed				ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Vigna mungo	Seed				--
Viscum album	Juice				--
Zingiber officinale	Rhizome		500.0	-0.734470603058131	--