

Dr. Duke's Phytochemical and Ethnobotanical Databases

List of Plants for TRIGONELLINE

Plant	Part	Low PPM	High PPM	StdDev	Reference
Coffea arabica	Seed	3000.0	13000.0	2.6975560988319325	--
Trigonella foenum-graecum	Seed	1300.0	4000.0	0.5052704240518459	--
Pisum sativum	Seed	128.0	227.0	-0.41378444827540606	--
Allium sativum var. sativum	Bulb	100.0	890.0		LAWSON in Koch, H. P. and Lawson, L. D., eds. 1996. Garlic-The Science and therapeutic application of Allium sativum L. and related species. Williams & Wilkins, Baltimore. 329 pp.
Glycine max	Seed	19.7	71.8	-0.45158919680050263	--
Glycine max	Leaf	10.5	63.2	-0.9999999999999991	--
Pisum sativum	Leaf	9.0	88.0	1.0000000000000002	--
Pisum sativum	Fruit	6.0	203.0	0.9999999999999999	--
Glycine max	Fruit	3.7	16.2	-1.0000000000000002	--
Cucumis melo	Seed	2.0	6.0	-0.46761724095611706	--
Glycine max	Stem	1.5	7.6	-0.9999999999999998	--
Pisum sativum	Root	1.0	75.0	1.395205553099187	--
Pisum sativum	Stem	1.0	24.0	1.0000000000000002	--
Foeniculum vulgare	Fruit				--
Nelumbo nucifera	Rhizome				--
Quisqualis indica	Fruit				--
Mirabilis jalapa	Root				ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Foeniculum vulgare	Seed				ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Theobroma cacao	Seed				Leung, A. Y., Encyclopedia of Common Natural Ingredients Used in Food, Drugs, and Cosmetics, John Wiley & Sons, New York, 1980.
Solanum melongena	Fruit				--
Strophanthus gratus	Seed				--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Allium cepa	Seed		13.0	-0.46591212987573255	Evans, L. S., Tramontano, W. A. 1984. Trigonelline and Promotion of Cell Arrest in G2 of Various Legumes. <i>Phytochemistry</i> , 23(9): 1837-1840.
Glycine max	Root		1.1	-0.8977304819051846	--
Achillea millefolium	Plant				Tunon, H., Thorsell, W., and Bohlin, L. 1993. Mosquito Repelling Activity of Compounds Occurring in <i>Achillea millefolium</i> L. (Asteraceae). <i>Economic Botany</i> 48(2): 111-120, 1994.
Strophanthus hispidus	Seed				--
Medicago sativa	Seed				--
Zea mays	Seed		4.0	-0.46810441555051263	--
Cannabis sativa	Plant				Jeffery B. Harborne and H. Baxter, eds. 1983. <i>Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants.</i> Taylor & Frost, London. 791 pp.
Morus alba	Leaf				--
Strophanthus kombe	Seed				--
Dictamnus albus	Root				ANON. 1948-1976. <i>The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.</i>
Lycopersicon esculentum	Root		14.0	-0.497475071194002	--
Chenopodium album	Plant				--
Pisum sativum	Shoot		55.0		--
Pisum sativum	Sprout Seedling		91.0		--
Petroselinum crispum	Tissue Culture				--
Phaseolus vulgaris	Fruit				List, P.H. and Horhammer, L., <i>Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.</i>
Hordeum vulgare	Seed		9.0	-0.4668864790645237	--
Ulex europaeus	Plant				ANON. 1948-1976. <i>The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.</i>

Plant	Part	Low PPM	High PPM	StdDev	Reference
Oryza sativa	Sprout Seedling				--
Medicago sativa	Plant				--
Glycine max	Tissue Culture				--
Glycine max	Plant				--
Amorphophallus konjac	Root				--
Ilex paraguariensis	Leaf				--
Nicotiana tabacum	Seed				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Capsicum annuum	Seed		0.6	-0.46893261236098505	--
Trigonella foenum-graecum	Cotyledon				--
Trigonella foenum-graecum	Tissue Culture				--
Trigonella foenum-graecum	Plant				--
Cucurbita pepo	Sprout Seedling				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Lupinus albus	Sprout Seedling				--
Abrus precatorius	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
Avena sativa	Seed				Wealth of India.
Solanum tuberosum	Plant				--
Triticum aestivum	Seed				--
Canavalia ensiformis	Seed				--