

Dr. Duke's Phytochemical and Ethnobotanical Databases

List of Plants for SAPONIN

Plant	Part	Low PPM	High PPM	StdDev	Reference
Acacia nilotica	Plant				--
Acorus calamus	Plant				Pakistan Encyclopedia Planta Medica. 1986.
Aesculus hippocastanum	Seed	55000.0	260000.0	1.6716596237594439	--
Agave americana	Plant				--
Ailanthus altissima	Bark				--
Akebia quinata	Plant				--
Albizia julibrissin	Bark				--
Aletris farinosa	Root				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Aleurites fordii	Seed				--
Allium cepa	Bulb				--
Allium schoenoprasum	Leaf				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Allium sativum var. sativum	Bulb				--
Anemone pulsatilla	Root	1900.0	7500.0	-0.6473789120098001	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Arisaema consanguineum	Rhizome				--
Asparagus lucidus	Root				--
Balanites aegyptiacus	Fruit		70000.0	1.0	--
Banisteriopsis caapi	Bark		6600.0		CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Calendula officinalis	Flower				--
Capparis spinosa	Plant				--
Castanospermum australe	Leaf				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
Castanospermum australe	Wood				Watt, J.M. and Breyer-Brandwijk, M.G. 1962. The Medicinal and Poisonous Plants of Southern and Eastern Africa. E. & S. Livingstone, Ltd. Edinburg & London. 1457 pp.
Castanospermum australe	Seed		72300.0	-0.13213750978265223	List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Caulophyllum thalictroides	Root		1000.0	-1.08456986557486	List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Centella asiatica	Plant	11000.0	80000.0	1.6640036208230826	--
Ceratonia siliqua	Fruit				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Chrysophyllum cainito	Seed		1900.0	-0.8086815598698317	Morton, J.F., Major Medicinal Plants. 1977. Atlas of Medicinal Plants of Middle America. Bahamas to Yucatan. 1981.
Cissampelos pareira	Root				--
Coix lacryma-jobi	Seed				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Colocasia esculenta	Root				--
Colubrina arborescens	Bark				Morton, J.F., Major Medicinal Plants. 1977. Atlas of Medicinal Plants of Middle America. Bahamas to Yucatan. 1981.
Corchorus olitorius	Plant				--
Cymbopogon citratus	Plant				Leung, A.Y., Encyclopedia of Common Natural Ingredients Used in Food, Drugs, and Cosmetics, John Wiley & Sons, New York, 1980.
Dianthus caryophyllus	Flower				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
Dictamnus albus	Root				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Dioscorea bulbifera	Tuber		57000.0		--
Dodonaea viscosa	Seed				--
Elytrigia repens	Rhizome				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Eryngium foetidum	Root				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Glechoma hederacea	Plant				Jim Duke's personal files.
Guaiacum sp.	Wood				--
Hibiscus sabdariffa	Root				CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Hyacinthus orientalis	Twig				--
Hyacinthus orientalis	Seed				--
Hydrangea arborescens	Root				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Hypericum perforatum	Seed				Watt, J.M. and Breyer-Brandwijk, M.G. 1962. The Medicinal and Poisonous Plants of Southern and Eastern Africa. E. & S. Livingstone, Ltd. Edinburg & London. 1457 pp.
Lagenaria siceraria	Seed				--
Leonurus cardiaca	Plant				--
Lonicera japonica	Plant				--
Manilkara zapota	Seed		10000.0	-0.7308405541069601	Morton, J.F., Major Medicinal Plants. 1977. Atlas of Medicinal Plants of Middle America. Bahamas to Yucatan. 1981.
Medicago sativa	Plant	5000.0	20000.0	-0.456646703080591	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Melia azedarach	Bark				--
Menyanthes trifoliata	Leaf				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Ocimum basilicum	Plant		50000.0	0.6036784588712457	List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Origanum majorana	Plant				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Panax quinquefolius	Plant	7500.0	10000.0	-0.8100884237312033	--
Paullinia cupana	Seed				--
Phragmites australis	Shoot				ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Polygala tenuifolia	Root		40000.0	1.5385758558154992	--
Portulaca oleracea	Plant				--
Rosa gallica	Flower		13000.0		--
Rosa laevigata	Fruit				--
Rosa centifolia	Leaf		85000.0	0.7071067811865476	--
Rosa centifolia	Flower		13000.0		--
Rosa gallica	Leaf		85000.0	0.7071067811865476	--
Ruscus aculeatus	Plant	4000.0	4600.0	-1.0009469528825339	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
Salvia officinalis	Plant				--
Sida rhombifolia	Leaf				--
Smilax spp	Root	5000.0	20000.0	0.19337292176916132	List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Solanum nigrum	Plant				--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Taraxacum officinale	Plant				--
Terminalia bellirica	Fruit				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Teucrium scordium	Plant				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Teucrium marum	Plant				--
Teucrium montanum	Plant				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Teucrium chamaedrys	Plant				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Tilia sp.	Flower				--
Trigonella foenum-graecum	Fruit	1900.0	5700.0	-1.0	Singh, J., Gupta, K., and Arora, S.K. 1993. Changes in the anti-nutritional factors of developing seeds and pod walls of fenugreek (Trigonella foenum graecum L.). Plant Foods for Human Nutrition. 46: 77-84, 1994.
Trigonella foenum-graecum	Plant				--
Vinca minor	Plant				CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Viola tricolor	Plant				--
Yucca schidigera	Plant				Leung, A.Y., Encyclopedia of Common Natural Ingredients Used in Food, Drugs, and Cosmetics, John Wiley & Sons, New York, 1980.
Zea mays	Silk Stigma Style	23000.0	32000.0		Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
Zizyphus jujuba	Leaf		2500.0	-1.4142135623730954	--