

List of Plants



Chemid

TITANIUM

*Unless otherwise noted all references are to Duke, James A. 1992. Handbook of phytochemical constituents of GRAS herbs and other economic plants. Boca Raton, FL. CRC Press.

Plant	Part	Low PPM	High PPM	StdDev	*Reference
Allium cepa	Bulb	0.38	11.0		USDA's Ag Handbook 8 and sequelae)
Anacardium occidentale	Seed	--	2.4	-0.57	*
Artemisia vulgaris	Plant	130.0	290.0	1.27	Chem. & Pharm. Bull. 38: 2205.
Asparagus officinalis	Shoot	0.45	180.0	1.57	*
Bertholletia excelsa	Seed	--	6.1	-0.43	*
Beta vulgaris	Root	0.5	9.8	-1.0	*
Boehmeria nivea	Plant	110.0	230.0	0.69	*
Brassica pekinensis	Leaf	0.95	1.05	-0.69	*
Brassica oleracea var. capitata l.	Leaf	0.35	203.0	0.18	*
Capsicum frutescens	Fruit	--	--		*
Capsicum annuum	Fruit	0.355	16.0	-0.39	*
Carya ovata	Shoot	0.7	45.0	-1.43	*
Carya glabra	Shoot	0.4	110.0	0.01	*
Carya ovata	Seed	--	4.3	-0.5	*
Carya illinoensis	Seed	--	2.8	-0.55	*
Cichorium endivia	Leaf	1.0	1.2	-0.69	*
Cichorium intybus	Root	--	--		*
Cinnamomum sieboldii	Bark	--	30.0	-0.9	*
Cinnamomum burmannii	Bark	--	30.0	-0.9	*
Cinnamomum verum	Bark	--	40.0	0.3	*
Cinnamomum aromaticum	Bark	--	50.0	1.51	*
Cinnamomum sieboldii	Root Bark	--	60.0		*
Citrus sinensis	Fruit	0.135	3.85	-0.67	*
Citrus paradisi	Fruit	0.11	7.7	-0.58	*
Cocos nucifera	Seed	--	5.6	-0.45	Furr, A.K., et al. 1979
Corylus avellana	Seed	--	2.3	-0.57	Furr, A.K., et al. 1979

Cucumis sativus	Fruit	0.3	18.0	-0.35	*
Cucumis melo	Fruit	0.435	2.2	-0.7	*
Daucus carota	Root	0.017	30.0	1.0	*
Diospyros virginiana	Stem	--	162.0	1.33	*
Diospyros virginiana	Leaf	0.2	50.0	-0.48	*
Fallopia japonica	Plant	30.0	90.0	-0.64	Chem. & Pharm. Bull. 38: 2205.
Glechoma hederacea	Plant	24.0	50.0	-1.02	Chem. & Pharm. Bull. 38: 2205.
Glycine max	Seed	--	12.0	-0.22	*
Juglans cinerea	Seed	--	2.7	-0.56	*
Juglans nigra	Seed	--	2.9	-0.55	Furr, A.K., et al. 1979
Juniperus virginiana	Shoot	2.7	128.0	0.41	*
Lactuca sativa	Leaf	0.09	870.0	3.03	*
Linum usitatissimum	Seed	--	--		ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Liquidambar styraciflua	Stem	0.1	36.0	-0.54	*
Liquidambar styraciflua	Leaf	1.0	57.0	-0.45	*
Lycopersicon esculentum	Fruit	--	140.0	2.41	*
Malus domestica	Fruit	0.055	3.0	-0.69	*
Momordica charantia	Fruit	--	100.0	1.51	=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
Nyssa sylvatica	Stem	0.75	30.8	-0.62	*
Nyssa sylvatica	Leaf	0.5	182.0	0.09	*
Petasites japonicus	Plant	170.0	200.0	0.41	Chem. & Pharm. Bull. 38: 2205.
Petroselinum crispum	Plant	1.0	2.0	-1.48	*
Peucedanum decursivum	Plant	66.0	100.0	-0.54	*
Phaseolus lunatus	Seed	--	20.0	0.06	*
Phaseolus vulgaris	Seed	0.17	7.4	-0.39	*
Phaseolus vulgaris	Fruit	0.1	105.0	1.62	*
Pinus echinata	Shoot	3.0	84.0	-0.56	*
Pistacia vera	Seed	--	3.1	-0.54	*
Polystichum polyblepharum	Plant	50.0	121.0	-0.34	*
Prunus serotina	Leaf	0.6	144.0	-0.08	*
Prunus domestica	Fruit	0.11	25.5	-0.18	*
Prunus persica	Fruit	0.075	30.0	-0.08	*
Prunus serotina	Stem	0.02	38.0	-0.51	*
Prunus dulcis	Seed	--	3.5	-0.53	*
Pyrus communis	Fruit	0.075	7.4	-0.59	*
Quercus velutina	Stem	1.0	12.0	-0.9	*

Quercus rubra	Seed	--	3.2	-0.54	*
Quercus stellata	Stem	1.0	42.0	-0.45	*
Quercus phellos	Stem	1.0	42.0	-0.45	*
Quercus rubra	Stem	0.2	20.0	-0.78	*
Quercus alba	Stem	0.2	76.0	0.06	*
Rhus glabra	Stem	0.2	100.0	0.41	*
Rhus copallina	Stem	0.5	43.0	-0.44	*
Rhus copallina	Leaf	0.5	144.0	-0.08	*
Sassafras albidum	Stem	0.16	74.0	0.03	*
Sassafras albidum	Leaf	1.0	102.0	-0.26	*
Solanum tuberosum	Tuber	0.13	17.0		*
Solanum melongena	Fruit	0.35	0.4	-0.74	*
Symphoricarpos orbiculatus	Stem	0.57	264.0	2.85	*
Taraxacum officinale	Plant	58.0	330.0	1.65	Chem. & Pharm. Bull. 38: 2205.
Urtica dioica	Leaf	--	27.0	-0.58	List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Vigna unguiculata	Seed	0.2	84.0	2.36	*
Vigna unguiculata	Seed	0.2	84.0	2.36	*
Vitis vinifera	Fruit	0.11	7.7	-0.58	*
Zea mays	Seed	0.06	63.0	1.61	*