

Dr. Duke's Phytochemical and Ethnobotanical Databases

List of Plants for TIN

Plant	Part	Low PPM	High PPM	StdDev	Reference
Achillea millefolium	Plant	5.0	26.0	0.34911685139896836	--
Actaea racemosa	Root				Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
Agathosma betulina	Leaf		11.0	-0.5530067419183887	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
Allium sativum var. sativum	Bulb		6.0		Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
Allium sativum var. sativum	Root	2.2	6.0	-1.0659197099535618	--
Aloe vera	Leaf		11.0	-0.5530067419183887	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
Aloe spp.	Leaf	0.1	11.0	-0.5530067419183887	--
Althaea officinalis	Root	3.0	29.0	1.2720232250646093	--
Amorphophallus konjac	Root				--
Anacardium occidentale	Seed		0.9	-0.532274727668068	--
Angelica sinensis	Root	0.9	4.0	-1.2692190956073157	--
Arctium lappa	Root	5.0	21.0	0.4588256824495934	--
Arctostaphylos uva-ursi	Leaf				--
Avena sativa	Plant	1.3	6.0	-1.008758312691185	--
Barosma betulina	Leaf		11.0	-0.5530067419183887	--
Berberis vulgaris	Bark		26.0	1.6805545028405047	--
Berberis vulgaris	Root		26.0	0.9670741465839783	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
Bertholletia excelsa	Seed		3.5	-0.14174299257156445	--
Beta vulgaris	Root	0.8	2.8	-1.3911987269995683	--
Capsicum annuum	Fruit	1.3	5.0	-0.3575360694452028	--
Carthamus tinctorius	Flower	1.4	10.0	-0.8082238591204874	--
Carya ovata	Seed		3.2	-0.18680434662116088	--
Carya illinoensis	Seed		1.8	-0.39709066551927835	--
Caulophyllum thalictroides	Root	2.3	21.0	0.4588256824495934	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Centella asiatica	Leaf	1.3	12.0	-0.4331991239429111	--
Chamaemelum nobile	Flower		10.0	-0.8082238591204874	--
Chondrus crispus	Plant		27.0	0.417010609603476	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
Chrysanthemum parthenium	Plant		21.0	0.00964806037643002	--
Chrysanthemum parthenium	Leaf	4.0	21.0	0.6450694378363876	--
Cimicifuga racemosa	Root				--
Citrus paradisi	Fruit	0.66	3.3	-0.3642012762593144	--
Cnicus benedictus	Plant	3.3	25.0	0.28122309319446065	--
Cocos nucifera	Seed		1.5	-0.442152019568875	Furr, A.K., et al. 1979
Corylus avellana	Seed		2.7	-0.2619066033704885	Furr, A.K., et al. 1979
Crataegus laevigata	Fruit	3.6	13.0	-0.3261703903199725	--
Crataegus rhipidophylla	Fruit		13.0	-0.3261703903199725	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
Cucurbita pepo	Seed		23.0	2.787245020652214	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
Cymbopogon citratus	Plant		7.1	-0.9340751786662264	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
Cyripedium pubescens	Root		33.0	1.6786219963721172	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
Daucus carota	Root	0.0	3.0	-1.3708687884341926	--
Dioscorea villosa	Root	4.6	19.0	0.2555262967958394	--
Dioscorea sp.	Root		19.0	0.2555262967958394	--
Echinacea spp	Root		1.7	-1.5030133891091328	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
Echinacea purpurea	Root	4.3	17.0	0.05222691114208539	--
Elytrigia repens	Plant		67.0	3.1327609377837824	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
Ephedra sinica	Plant	2.3	11.0	-0.6692895216686466	--
Equisetum arvense	Plant	3.0	14.0	-0.4656082470551236	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Euphrasia officinalis</i>	Plant	1.2	8.0	-0.8729707962821696	--
<i>Foeniculum vulgare</i>	Seed	1.2	11.0	0.9847908586683503	--
<i>Foeniculum vulgare</i>	Fruit		11.0	-0.33401181010128006	--
<i>Frangula purshiana</i>	Bark	1.4	5.1	-0.9625249451887514	--
<i>Fucus vesiculosus</i>	Plant	3.0	24.0	0.21332933498995302	--
<i>Gentiana lutea</i>	Root	9.0	40.0	2.3901698461602563	--
<i>Glycyrrhiza glabra</i>	Root	4.0	24.0	0.7637747609302243	--
<i>Harpagophytum procumbens</i>	Root	5.0	24.0	0.7637747609302243	--
<i>Hibiscus sabdariffa</i>	Flower	1.0	10.0	-0.8082238591204874	--
<i>Hordeum vulgare</i>	Stem		12.0	0.7071067811865475	--
<i>Humulus lupulus</i>	Fruit		22.0	-0.2908840013040884	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
<i>Humulus lupulus</i>	Flower	4.0	22.0	0.9878291611472616	--
<i>Hydrangea arborescens</i>	Root	4.0	11.0	-0.5576712458191766	--
<i>Hydrastis canadensis</i>	Root	2.6	9.3	-0.7304757236248677	--
<i>Juglans nigra</i>	Pericarp	1.4	12.0		--
<i>Juglans cinerea</i>	Seed		0.7	-0.5623156303677991	--
<i>Juglans nigra</i>	Seed		1.7	-0.4121111168691438	Furr, A.K., et al. 1979
<i>Juglans nigra</i>	Fruit		12.0	-0.33009110021062626	--
<i>Juniperus communis</i>	Fruit	20.0	63.0	-0.1301348957872833	--
<i>Larrea tridentata</i>	Plant	5.0	14.0	-0.4656082470551236	--
<i>Linum usitatissimum</i>	Seed				ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
<i>Lobelia inflata</i>	Leaf	0.8	7.0	-1.0322372138202993	--
<i>Malus domestica</i>	Fruit		0.0	-0.3771396188984718	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
<i>Medicago sativa</i>	Plant				--
<i>Mentha x piperita</i>	Leaf	2.0	11.0	-0.5530067419183887	--

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Mentha pulegium	Plant		24.0	0.21332933498995302	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
Myrica cerifera	Bark	5.0	22.0	1.1747019769018916	--
Nepeta cataria	Plant	1.3	11.0	-0.6692895216686466	--
Panax ginseng	Root	3.4	16.0	-0.0494227816847916	--
Petroselinum crispum	Plant	1.0	14.0	-0.4656082470551236	--
Pistacia vera	Seed		0.4	-0.6073769844173956	--
Plantago psyllium	Seed	5.0	21.0	2.4868359936549034	--
Polygonum multiflorum	Root		13.0	-0.35437186016542255	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
Prunus persica	Bark		9.4	-0.4187334798047416	--
Prunus dulcis	Seed		0.7	-0.5623156303677991	--
Quercus alba	Bark	0.5	2.2	-1.329268026494246	--
Quercus rubra	Seed		0.4	-0.6073769844173956	--
Rhodymenia palmata	Plant		33.0	0.824373158830522	--
Rosa canina	Fruit	4.0	22.0	-0.2908840013040884	--
Rubus idaeus	Leaf	4.0	22.0	0.7648770558118653	--
Rumex crispus	Root	6.0	24.0	0.7637747609302243	--
Ruscus aculeatus	Root		21.0	0.4588256824495934	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
Salix alba	Bark	2.0	12.0	-0.08992933794464256	--
Salvia officinalis	Leaf	1.3	8.0	-0.9124295958448216	--
Schisandra chinensis	Fruit		940.0	3.3083276783160853	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
Scutellaria lateriflora	Plant	0.2	1.2	-1.3346483520728216	--
Senna alexandrina	Leaf	4.7	23.0	0.8846846737873428	--
Silybum marianum	Leaf	9.0	42.0	3.1610294153214182	--
Silybum marianum	Plant		42.0	1.435416982671091	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.

Plant	Part	Low PPM	High PPM	StdDev	Reference
Smilax spp	Root	4.0	18.0	0.15387660396896238	--
Smilax officinalis	Root	4.0	18.0	0.15387660396896238	--
Stellaria media	Plant				Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
Stevia rebaudiana	Leaf		15.0	-0.07377627001647821	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
Symphoricarpos orbiculatus	Stem	0.5	2.6	-1.4142135623730954	--
Symphytum officinale	Leaf	0.7	6.7	-1.0681794992129428	--
Symphytum officinale	Root		6.7	-0.9947649249747477	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
Tabebuia heptaphylla	Bark	0.7	3.7	-1.139573329267266	--
Tanacetum parthenium	Plant		21.0	0.00964806037643002	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
Taraxacum officinale	Root	2.0	13.0	-0.35437186016542255	--
Thymus vulgaris	Leaf	3.0	17.0	0.16583896593447706	--
Trifolium pratense	Flower	5.0	25.0	1.4368424162141988	--
Trigonella foenum-graecum	Seed	0.6	4.2	-0.03659983312250558	--
Turnera diffusa	Leaf	2.3	11.0	-0.5530067419183887	--
Ulmus rubra	Bark	2.6	16.0	0.4159231879939711	--
Urtica dioica	Leaf	5.4	27.0	1.3639151456892538	--
Vaccinium myrtillus	Fruit	4.0	50.0	-0.1811041243657825	--
Valeriana officinalis	Root	3.3	28.0	1.1703735322377322	--
Verbascum thapsus	Leaf	5.3	12.0	-0.4331991239429111	--
Viburnum opulus	Bark		18.0	0.668849450963278	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
Vigna unguiculata	Seed	0.0	0.743	-0.5558568362873569	--
Vigna unguiculata	Seed	0.0	0.743	-0.5558568362873569	--
Viscum album	Leaf		18.0	0.2856465839099547	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Vitis vinifera	Stem		12.0	0.7071067811865475	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
Yucca baccata	Root	2.0	8.3	-0.8321254164517448	--
Zea mays	Silk Stigma Style				--
Zea mays	Seed	1.0	1.8	-0.39709066551927835	--
Zingiber officinale	Rhizome		13.0		--
Zingiber officinale	Root	0.1	1.3	-1.5436732662398835	--