

Dr. Duke's Phytochemical and Ethnobotanical Databases

List of Plants for PHOSPHORUS

Plant	Part	Low PPM	High PPM	StdDev	Reference
Physalis ixocarpa	Fruit	400.0	30250.0	8.211303063678573	--
Beta vulgaris	Root	260.0	45580.0	7.390730333501335	--
Xanthosoma sagittifolium	Leaf	610.0	38416.0	6.153360815142381	--
Chenopodium album	Leaf	720.0	36833.0	5.862109430559832	--
Momordica charantia	Leaf	540.0	33467.0	5.2428092659958	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Linum usitatissimum	Seed	3961.0	20335.0	3.9590351958118073	--
Serenoa repens	Fruit	2105.0	16200.0	3.94375903676458	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
Luffa aegyptiaca	Seed		18300.0	3.4212680955360475	--
Lepidium sativum	Seed	16500.0	17500.0	3.2098608816684266	--
Phaseolus vulgaris	Fruit	370.0	13500.0	3.123661608104951	--
Physalis angulata	Fruit	1350.0	13500.0	3.123661608104951	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Asparagus officinalis	Shoot	390.0	10244.0	3.108349356664769	--
Arachis hypogaea	Plant	800.0	10000.0	3.080888221630494	--
Cucumis sativus	Fruit	158.0	12600.0	2.850295798551741	--
Elytrigia repens	Plant	2800.0	9510.0	2.845425049277088	--
Vigna unguiculata	Seed	520.0	15593.0	2.705918935611486	--
Cucurbita pepo	Flower	490.0	10100.0	2.686824447078974	USDA's Ag Handbook 8 and sequelae)
Acrocomia totai	Fruit		12000.0	2.6680519255162682	--
Hordeum vulgare	Stem		5950.0	2.566643749048099	--
Limonia acidissima	Seed	14300.0	14895.0	2.5214661415119872	Morton, J.F., Major Medicinal Plants. 1977. Atlas of Medicinal Plants of Middle America. Bahamas to Yucatan. 1981.
Citrullus lanatus	Seed	8300.0	14600.0	2.443509731398302	--
Salix alba	Bark	689.0	4100.0	2.414322016750521	--
Murraya koenigii	Leaf	6000.0	17800.0	2.36028529742043	--
Vaccinium myrtillus	Fruit	856.0	10700.0	2.2731902006060767	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Raphanus sativus	Fruit	240.0	10526.0	2.2203394774257896	--
Amorphophallus campanulatus	Shoot		8100.0	2.1362214977672958	--
Caulophyllum thalictroides	Root	1716.0	15600.0	2.122965110017675	--
Phaseolus lunatus	Sprout Seedling	3820.0	10611.0	2.046625909896273	--
Cucurbita pepo	Seed	10600.0	12982.0	2.015938641351039	--
Brassica oleracea	Stem	400.0	5110.0	1.9403763589789504	--
Anethum graveolens	Plant	600.0	7625.0	1.9396126413461277	--
Ceiba pentandra	Seed	9700.0	12690.0	1.9387750082893578	--
Capsella bursa-pastoris	Plant	600.0	7288.0	1.7776716432173565	--
Triticum aestivum	Plant	400.0	7200.0	1.7353843796110304	--
Phoenix dactylifera	Fruit	370.0	8795.0	1.69456590371845	--
Luffa aegyptiaca	Leaf	330.0	14141.0	1.687076948596962	--
Silybum marianum	Plant		7060.0	1.6681091875100573	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
Sesamum indicum	Leaf		14000.0	1.6611347848407145	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Lactuca sativa	Leaf	108.0	13920.0	1.6464158266811415	--
Prunus persica	Bark		3150.0	1.620595203076627	--
Hordeum vulgare	Plant	2300.0	6900.0	1.5912232536803737	Jim Duke's personal files.*
Lycopersicon esculentum	Fruit	110.0	8400.0	1.57458868730343	--
Momordica charantia	Fruit	320.0	8333.0	1.5542381214811356	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Cannabis sativa	Seed	9700.0	11227.0	1.5521640659289466	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Brassica oleracea var. botrytis l.	Flower	385.0	7375.0	1.5411143666705196	--
Helianthus tuberosus	Tuber	660.0	5200.0	1.3911427637816502	Bonness, M. S., Promising new drugs from plants: poisons that heal, Herbarist, #56, 1990, 59-68
Apium graveolens	Pt	201.0	6849.0	1.363371911682067	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Vaccinium macrocarpon	Fruit	924.0	7700.0	1.3619708354287114	--
Ipomoea aquatica	Leaf	420.0	12360.0	1.3593961425694687	--
Pisum sativum	Plant	1800.0	6400.0	1.3509547104626125	--
Sechium edule	Shoot	470.0	6350.0	1.342740269656019	--
Avena sativa	Seed	500.0	10200.0	1.2807700551263885	Jim Duke's personal files.*
Symphoricarpos orbiculatus	Stem	228.0	4224.0	1.2798133737393482	--
Tropaeolum majus	Shoot	850.0	6200.0	1.2747275929607667	--
Spinacia oleracea	Plant	250.0	6232.0	1.2702244799414446	--
Glycine max	Fruit	2250.0	7305.0	1.2419936190136918	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Crescentia alata	Seed	9680.0	10020.0	1.233203432006174	--
Terminalia catappa	Seed	7890.0	9835.0	1.1843155137992867	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Citrus mitis	Fruit	700.0	7000.0	1.149352983553993	Morton, J.F., Major Medicinal Plants. 1977. Atlas of Medicinal Plants of Middle America. Bahamas to Yucatan. 1981.
Calathea macrosepala	Flower	490.0	6365.0	1.1164658598035329	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Blighia sapida	Aril	160.0	2300.0	1.0903216729896206	--
Cynara cardunculus	Flower	860.0	6240.0	1.0639103515279158	--
Sinapis alba	Seed	8100.0	9330.0	1.0508647100453512	--
Curcuma longa	Rhizome	640.0	6307.0	1.0401873086070448	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Papaver somniferum	Seed	8290.0	9277.0	1.0368589821266212	--
Eriodictyon californicum	Leaf	2332.0	10600.0	1.0355790630588637	--
Hordeum vulgare	Seed	1890.0	9200.0	1.0165110377918627	Jim Duke's personal files.*
Chrysanthemum coronarium	Bud	320.0	4300.0	1.0	--
Nasturtium officinale	Herb	600.0	12000.0	1.0	--
Juglans nigra	Hull Husk		1070.0	1.0	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Allium sativum var. sativum	Bulb	880.0	5220.0	1.0	--
Luffa aegyptiaca	Fruit	190.0	6400.0	0.96710911051852	--
Phaseolus lunatus	Seed	1130.0	9000.0	0.9636592343249576	--
Valerianella radicata	Plant	4647.0	5552.0	0.9434592611652892	--
Amaranthus sp.	Leaf	487.0	10082.0	0.9402738089756288	--
Carum carvi	Fruit	5680.0	6302.0	0.9373426112560593	--
Abelmoschus esculentus	Fruit	630.0	6300.0	0.9367351316792745	USDA's Ag Handbook 8 and sequelae)
Sesamum indicum	Seed	5000.0	8898.0	0.936704814556836	--
Prunus dulcis	Seed	4420.0	8735.0	0.8936305947313082	--
Erythroxylum coca	Leaf	3630.0	9740.0	0.8773502628434544	--
Glycine max	Plant	2400.0	5410.0	0.8752229948914451	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Passiflora ligularis	Fruit	300.0	6095.0	0.8744684750588212	--
Vigna aconitifolia	Plant	1800.0	5400.0	0.8704176240270899	--
Dipsacus fullonum	Plant		5400.0	0.8704176240270899	--
Vetiveria zizanioides	Fruit	500.0	6000.0	0.8456131951615379	--
Moringa oleifera	Shoot	1120.0	5250.0	0.8439806405575019	USDA's Ag Handbook 8 and sequelae)
Phytolacca americana	Shoot	440.0	5238.0	0.8385396264218817	--
Foeniculum vulgare	Fruit	4449.0	5960.0	0.8334636036258397	--
Mimulus glabratus	Shoot	520.0	5200.0	0.8213097483257511	--
Lupinus mutabilis	Fruit	1680.0	5875.0	0.807645721612481	--
Solanum melongena	Fruit	189.0	5836.0	0.7957998698651753	--
Solanum tuberosum	Tuber	320.0	4200.0	0.7953217499555455	--
Panax quinquefolius	Plant	2700.0	5200.0	0.7743102067399853	--
Apium graveolens	Root	470.0	7900.0	0.7700033948467552	USDA's Ag Handbook 8 and sequelae)
Erythrina berteroana	Shoot	800.0	5060.0	0.7578312500768489	--
Brassica oleracea var. botrytis l.	Leaf	644.0	9090.0	0.7577587277969241	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Brassica oleracea var. italica	Leaf	644.0	9090.0	0.7577587277969241	--
Cuminum cyminum	Fruit	4900.0	5673.0	0.7462902843572051	--
Bromelia pinguin	Shoot	225.0	5000.0	0.7306261793987481	--
Cyclanthera pedata	Fruit	260.0	5615.0	0.7286733766304427	--
Foeniculum vulgare	Plant	510.0	5100.0	0.7262564980964331	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Eleocharis dulcis	Tuber	650.0	4075.0	0.7208441232272823	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Rumex crispus	Root	1945.0	7570.0	0.71201932133943	--
Glycine max	Seed	1580.0	8040.0	0.7099705776838129	--
Cucurbita spp	Fruit	350.0	5540.0	0.7058928925010086	--
Asparagus officinalis	Root	746.0	7460.0	0.6926912968369884	--
Chrysanthemum parthenium	Plant		5010.0	0.683008160317236	--
Tanacetum parthenium	Plant		5010.0	0.683008160317236	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
Ephedra nevadensis	Plant		5000.0	0.6782027894528808	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Pastinaca sativa	Root	400.0	7365.0	0.6759989120394251	--
Abelmoschus esculentus	Seed		7900.0	0.6729743152569793	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Brassica napus var. napobrassica	Root	290.0	7250.0	0.6557923409686905	--
Armoracia rusticana	Root	1278.0	7100.0	0.6294359439199063	--
Citrus paradisi	Fruit	76.0	5280.0	0.6269205475189703	--
Malva parviflora	Plant	670.0	4891.0	0.6258242470314088	--
Pisum sativum	Fruit	530.0	5240.0	0.614770955983272	--
Cucurbita pepo	Fruit	440.0	5238.0	0.6141634764064872	USDA's Ag Handbook 8 and sequelae)
Eleutherococcus senticosus	Root	1470.0	7000.0	0.6118650125540502	--
Hydrangea arborescens	Root	2450.0	7000.0	0.6118650125540502	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Spondias dulcis	Fruit	670.0	5115.0	0.5768034824342152	--
Vicia faba	Fruit	740.0	5070.0	0.5631351919565547	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Helianthus annuus	Seed	6930.0	7450.0	0.5540577574564426	--
Theobroma cacao	Fruit	500.0	5000.0	0.5418734067690828	J Cell Biochem VOL. 22=1995
Brassica chinensis	Leaf	370.0	7907.0	0.5401021340122389	--
Brassica rapa	Leaf	370.0	7907.0	0.5401021340122389	USDA's Ag Handbook 8 and sequelae)
Mentha spicata	Plant	600.0	4706.0	0.5369248860408372	--
Acacia tortilis	Seed		7300.0	0.5144189048562637	--
Cajanus cajan	Fruit	1240.0	4888.0	0.5078545504691282	--
Mentha x piperita	Leaf	1150.0	7720.0	0.5056965693142372	--
Trifolium pratense	Shoot	900.0	4500.0	0.5039172570812402	--
Oenothera biennis	Seed	4100.0	7257.0	0.5030557671108792	--
Benincasa hispida	Fruit	70.0	4870.0	0.502387234278064	--
Pimpinella anisum	Fruit		4862.0	0.4999573159709243	--
Vigna unguiculata	Fruit	590.0	4856.0	0.4981348772405696	USDA's Ag Handbook 8 and sequelae)
Borago officinalis	Leaf	530.0	7579.0	0.47975440555798987	USDA's Ag Handbook 8 and sequelae)
Solanum torvum	Fruit	700.0	4795.0	0.47960675014862986	--
Rumex crispus	Leaf	560.0	7568.0	0.4777305488110486	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Trachyspermum ammi	Fruit	4430.0	4784.0	0.4762656124763128	--
Brassica pekinensis	Leaf	4560.0	7560.0	0.4762586529950913	--
Basella alba	Leaf	520.0	7535.0	0.47165897857022476	--
Nelumbo nucifera	Seed	590.0	7130.0	0.4694948719093944	--
Humulus lupulus	Fruit		4760.0	0.4689758575548939	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
Lupinus mutabilis	Seed	6350.0	7100.0	0.4615671013893586	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Zingiber officinale	Rhizome	320.0	5323.0	0.4586280406131061	--
Coriandrum sativum	Fruit	3907.0	4687.0	0.4468028530022447	USDA's Ag Handbook 8 and sequelae)
Humulus lupulus	Flower	885.0	4760.0	0.44165313354460856	--
Apium graveolens	Fruit	979.0	4660.0	0.4386018787156484	--
Stellaria media	Plant	372.0	4480.0	0.42832350450640905	--
Raphanus sativus	Root	160.0	5850.0	0.4097993018467051	--
Lepidium sativum	Leaf	760.0	7170.0	0.4045037319671731	--
Apium graveolens	Seed	980.0	6843.0	0.3936525339343855	--
Silybum marianum	Leaf	1553.0	7060.0	0.3842651644977603	--
Triticum aestivum	Seed	800.0	6800.0	0.3822893961890009	--
Bertholletia excelsa	Seed	6000.0	6750.0	0.36907644532227457	--
Coccinia grandis	Fruit	300.0	4350.0	0.34444254431398735	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Agathosma betulina	Leaf		6780.0	0.33274881093925496	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
Barosma betulina	Leaf		6780.0	0.33274881093925496	--
Corchorus olitorius	Leaf	830.0	6755.0	0.3281491365143884	--
Cinnamomum burmannii	Bark		1600.0	0.325567243924485	--
Carum carvi	Seed	5650.0	6580.0	0.3241524123754052	--
Schisandra chinensis	Fruit	639.0	4260.0	0.31710596335866637	--
Allium schoenoprasum	Leaf	410.0	6670.0	0.31251024346984213	--
Moringa oleifera	Fruit	500.0	4235.0	0.309512468648855	USDA's Ag Handbook 8 and sequelae)
Theobroma speciosum	Fruit	1650.0	4230.0	0.30799376970689274	J Cell Biochem VOL. 22=1995
Physalis peruviana	Fruit	550.0	4215.0	0.30343767288100587	--
Colocasia esculenta	Root	460.0	5204.0	0.29629108522327463	--
Brassica oleracea var. capitata l.	Leaf	214.0	6500.0	0.2812324573807496	--
Liquidambar styraciflua	Stem	60.0	2880.0	0.27778554962871027	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Passiflora edulis	Seed		6400.0	0.27658578925519056	Morton, J.F., Major Medicinal Plants. 1977. Atlas of Medicinal Plants of Middle America. Bahamas to Yucatan. 1981.
Daucus carota	Root	340.0	5090.0	0.2762602234661987	--
Hibiscus sabdariffa	Leaf	480.0	6458.0	0.2735050043469738	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Coriandrum sativum	Leaf	720.0	6452.0	0.27240108248500583	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Vigna unguiculata	Seed	5342.0	6375.0	0.2699793138218274	USDA's Ag Handbook 8 and sequelae)
Prunus domestica	Fruit	70.0	4080.0	0.26243280144802444	--
Brassica rapa	Root	270.0	5000.0	0.2604463852369282	--
Carica papaya	Leaf	1420.0	6311.0	0.24645891872875847	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Petroselinum crispum	Plant	324.0	4100.0	0.2457194116609105	--
Cinnamomum sieboldii	Bark		1500.0	0.24201705301144358	--
Anacardium occidentale	Seed	3730.0	6255.0	0.2382682317416843	--
Balanites aegyptiacus	Fruit		4000.0	0.23813361837662805	--
Pisum sativum	Seed	1038.0	6250.0	0.23694693665501168	--
Inga feuillei	Aril	300.0	1875.0	0.2348385141823803	J Cell Biochem VOL. 22=1995
Pinus cembroides	Seed	5150.0	6235.0	0.23298305139499378	USDA's Ag Handbook 8 and sequelae)
Phragmites australis	Shoot		3900.0	0.23186655030023104	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Muntingia calabura	Fruit	720.0	3965.0	0.22750272578289213	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Albizia lebeck	Seed		6200.0	0.22373398578828538	Wealth of India.
Xanthosoma sagittifolium	Root	470.0	4700.0	0.20773359113935988	--
Ipomoea batatas	Leaf	300.0	6090.0	0.2057977968129382	--
Eupatorium perfoliatum	Plant	360.0	4000.0	0.19766570301735822	--
Ginkgo biloba	Leaf	1440.0	6000.0	0.1892389688834186	--



Plant	Part	Low PPM	High PPM	StdDev	Reference
Balanites aegyptiacus	Shoot		3800.0	0.18652476583672947	--
Vigna subterranea	Seed	2240.0	6042.0	0.18198106104943032	--
Beta vulgaris	Leaf	290.0	5946.0	0.17930367212570686	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Capsicum frutescens	Fruit	455.0	3794.0	0.17556322196778232	USDA's Ag Handbook 8 and sequelae)
Hibiscus sabdariffa	Seed		6000.0	0.17088218232138022	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Allium sativum var. sativum	Root	1650.0	4460.0	0.16556335586130524	--
Foeniculum vulgare	Seed	644.0	5960.0	0.1603118216279992	--
Anethum graveolens	Fruit	2102.0	3723.0	0.153997696991918	--
Colocasia esculenta	Leaf	490.0	5800.0	0.1524415734844862	--
Sechium edule	Fruit	260.0	3715.0	0.15156777868477836	--
Arctium lappa	Root	1027.0	4370.0	0.14974951763203476	--
Trichosanthes anguina	Fruit	200.0	3700.0	0.14701168185889152	--
Cichorium endivia	Leaf	242.0	5760.0	0.14508209440469974	--
Nelumbo nucifera	Rhizome	1000.0	4785.0	0.14066169286845265	--
Phaseolus vulgaris	Seed	2130.0	5880.0	0.13917110024123713	--
Juglans nigra	Seed	4475.0	5880.0	0.13917110024123713	--
Verbascum thapsus	Leaf	2508.0	5700.0	0.13404287578502	--
Phaseolus vulgaris	Leaf	750.0	5682.0	0.1307311101991161	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Rhodymenia palmata	Plant		3860.0	0.13039051091638507	--
Limonia acidissima	Fruit	800.0	3605.0	0.1181564019616083	--
Panicum maximum	Leaf		5600.0	0.11564417808555381	--
Vigna radiata	Sprout Seedling	455.0	6560.0	0.11559491863278125	USDA's Ag Handbook 8 and sequelae)
Allium sativum var. sativum	Flower	460.0	3966.0	0.10782054497788832	--
Allium cepa	Leaf	310.0	5513.0	0.09963731108701822	--
Lycopersicon esculentum	Leaf		5500.0	0.09724548038608762	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Theobroma bicolor	Seed	5490.0	5695.0	0.09028318203434986	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Canavalia ensiformis	Fruit	100.0	3509.0	0.08899738227593261	--
Ribes nigrum	Fruit	490.0	3500.0	0.08626372418040051	--
Sonchus oleraceus	Leaf	370.0	5440.0	0.08620626176640789	--
Cuminum cyminum	Seed	4900.0	5673.0	0.0844694836529903	--
Spartium junceum	Stem		2600.0	0.06902975293899401	--
Origanum majorana	Plant	2670.0	3725.0	0.06551800424758951	USDA's Ag Handbook 8 and sequelae)
Aralia cordata	Leaf	250.0	5320.0	0.06412782452704846	--
Diospyros virginiana	Stem	132.0	2592.0	0.06306530160500212	--
Prunus serotina	Stem	114.0	2592.0	0.06306530160500212	--
Oryza sativa	Seed	528.0	5588.0	0.0620074671795556	--
Lablab purpureus	Fruit	600.0	3409.0	0.0586234034366871	--
Theobroma cacao	Seed	3600.0	5571.0	0.05751506388486866	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Cyphomandra betacea	Fruit	130.0	3400.0	0.055889745341155005	--
Annona muricata	Fruit	210.0	3400.0	0.055889745341155005	--
Acacia tortilis	Fruit		3400.0	0.055889745341155005	--
Taraxacum officinale	Leaf	590.0	5268.0	0.054560501723326035	--
Oenothera biennis	Plant	1700.0	3700.0	0.05350457708670144	--
Ocimum basilicum	Leaf	380.0	5235.0	0.04848893148250219	--
Chrysanthemum coronarium	Leaf	340.0	5230.0	0.047568996597528876	--
Perilla frutescens	Leaf	730.0	5214.0	0.044625204965614285	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Tephrosia purpurea	Leaf	2600.0	5200.0	0.04204938728768902	--
Ribes rubrum	Fruit	418.0	3310.0	0.02855316438583405	--
Sambucus nigra	Fruit	540.0	3300.0	0.0255157665019095	--
Pinus pinea	Seed	5080.0	5445.0	0.024218427700718415	USDA's Ag Handbook 8 and sequelae)

Plant	Part	Low PPM	High PPM	StdDev	Reference
Allium ampeloprasum	Root	500.0	3650.0	0.02323881179787081	--
Acalypha indica	Leaf	990.0	5075.0	0.01905101516335627	Wealth of India.
Taraxacum officinale	Root	518.0	3620.0	0.01796753238811398	--
Vigna aconitifolia	Seed	2300.0	5418.0	0.01708343423268622	--
Nelumbo nucifera	Fruit	2940.0	3267.0	0.015492353484958482	--
Spondias mombin	Fruit	310.0	3250.0	0.010328777082286746	--
Artocarpus altilis	Seed	1750.0	5385.0	0.008362886660646867	USDA's Ag Handbook 8 and sequelae)
Chrysanthemum parthenium	Leaf	902.0	5010.0	0.0070918616587032435	--
Malva sylvestris	Leaf	360.0	5000.0	0.005251991888756623	--
Perilla frutescens	Seed	330.0	5339.0	-0.00379302813674132	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Passiflora incarnata	Flower	407.0	3700.0	-0.0040175766326249985	--
Morus alba	Fruit	320.0	3200.0	-0.004858212337336008	--
Fragaria spp	Fruit	185.0	3191.0	-0.007591870432868103	--
Brassica oleracea var. gemmifera	Leaf	690.0	4927.0	-0.0081790574318537	USDA's Ag Handbook 8 and sequelae)
Punica granatum	Fruit	80.0	3182.0	-0.010325528528400199	--
Solanum quitoensis	Fruit	120.0	3155.0	-0.018526502814996487	--
Pistacia vera	Seed	4300.0	5280.0	-0.019384310159478342	--
Lens culinaris	Seed	2420.0	5275.0	-0.02070560524615097	--
Anthriscus cerefolium	Leaf	4500.0	4850.0	-0.022346054660442673	--
Anacardium occidentale	Fruit	100.0	3125.0	-0.027638696466770137	--
Angelica sinensis	Root	735.0	3340.0	-0.031231075436283107	--
Elaeis guineensis	Fruit	440.0	3100.0	-0.035232191176581516	--
Melilotus indica	Plant		3500.0	-0.04260284020040307	--
Glechoma hederacea	Plant	2100.0	3500.0	-0.04260284020040307	Chem. & Pharm. Bull. 38: 2205.
Tragopogon porrifolius	Root	500.0	3262.0	-0.044936401901650866	--
Actinidia chinensis	Fruit	300.0	3060.0	-0.04738178271227972	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Oryza sativa	Plant	600.0	3478.0	-0.05317465610198457	--
Capsicum annuum	Fruit	784.0	3040.0	-0.053456578480128816	--
Passiflora quadrangularis	Fruit	170.0	3035.0	-0.054975277422091094	--
Quercus alba	Stem	120.0	2432.0	-0.056223725074835744	--
Tetragonia tetragonioides	Leaf	280.0	4665.0	-0.05638364540445514	--
Pereskia aculeata	Fruit	90.0	3025.0	-0.05801267530601564	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Genipa americana	Fruit	580.0	3000.0	-0.06560617001582703	--
Prunus serotina	Leaf	261.0	4608.0	-0.06687090309315087	--
Juglans regia	Seed	2800.0	5100.0	-0.06695093327969298	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Amaranthus spinosus	Leaf	500.0	4600.0	-0.06834279890910817	--
Ricinus communis	Leaf		4600.0	-0.06834279890910817	Duke, J. A. Writeups or information summaries on approximately 2,000 economic plants, USDA, ARS, Beltsville, MD 20705.
Alocasia macrorrhiza	Root	440.0	3125.0	-0.06900857787287373	--
Prunus armeniaca	Fruit	180.0	2982.0	-0.07107348620689122	USDA's Ag Handbook 8 and sequelae)
Rhus glabra	Stem	126.0	2412.0	-0.07113485340981547	--
Lens culinaris	Sprout Seedling	1610.0	6165.0	-0.07269371171752223	USDA's Ag Handbook 8 and sequelae)
Brassica nigra	Leaf	290.0	4563.0	-0.07515031705791066	USDA's Ag Handbook 8 and sequelae)
Psophocarpus tetragonolobus	Seed	334.0	5058.0	-0.07804981200774307	--
Eryngium floridanum	Shoot		3215.0	-0.07872467327475456	--
Allium ampeloprasum	Leaf	480.0	4528.0	-0.08158986125272383	--
Cichorium intybus	Root	610.0	3050.0	-0.0821867763972658	--
Acacia farnesiana	Leaf	840.0	4519.0	-0.08324574404567579	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Morus alba	Leaf	2400.0	4500.0	-0.08674149660857437	--
Amorphophallus campanulatus	Root	320.0	3020.0	-0.08745805580702264	--
Carthamus tinctorius	Plant		3400.0	-0.09065654884395533	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Tropaeolum tuberosum	Root	220.0	3000.0	-0.09097224208019386	--
Lagenaria siceraria	Fruit	130.0	2915.0	-0.0914240520291857	--
Cinnamomum verum	Bark	674.0	1100.0	-0.09218371064072212	--
Urtica dioica	Leaf	894.0	4470.0	-0.09226110591841423	--
Coix lacryma-jobi	Seed	500.0	5000.0	-0.09337683501314556	--
Vicia faba	Seed	950.0	5000.0	-0.09337683501314556	USDA's Ag Handbook 8 and sequelae)
Artemisia dracunculus	Plant	3130.0	3391.0	-0.09498138262187504	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Citrullus lanatus	Fruit	1.0	2900.0	-0.09598014885507253	--
Juniperus virginiana	Shoot	228.0	3168.0	-0.10003531197260028	--
Peperomia pelucida	Leaf	340.0	4360.0	-0.11249967338782704	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Eupatorium odoratum	Leaf		4350.0	-0.11433954315777366	Tramil
Myrciaria dubia	Fruit	150.0	2835.0	-0.1157232351005821	--
Lupinus albus	Seed	4400.0	4900.0	-0.11980273674659814	--
Cichorium intybus	Leaf	210.0	4284.0	-0.12648268363942136	--
Pimpinella anisum	Seed	4400.0	4862.0	-0.12984457940531013	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Ullucus tuberosus	Root	350.0	2775.0	-0.1305068376533701	--
Phaseolus coccineus	Fruit	1600.0	2770.0	-0.13546632134609168	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Juglans cinerea	Seed	4085.0	4834.0	-0.13724383189067685	--
Ficus carica	Fruit	129.0	2764.0	-0.13728876007644641	--
Gentiana lutea	Root	594.0	2700.0	-0.14368503617776215	--
Lablab purpureus	Seed	490.0	4800.0	-0.14622863848005072	--
Camellia sinensis	Leaf	3200.0	4150.0	-0.15113693855670607	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Lycium chinense	Leaf	430.0	4135.0	-0.153896743211626	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses

Plant	Part	Low PPM	High PPM	StdDev	Reference
Cnidioscolus chayamansa	Leaf	540.0	4100.0	-0.16033628740643915	--
Perideridia gairdneri	Root		2600.0	-0.16125596754361826	Izidoost, M. & Robinson, T., Synergism & antagonism in the pharmacology of alkaloidal plants, pp 137-58 in Craker, L. & Simon, J., eds., Herbs, Spices & Medicinal Plants: Recent Advances in Botany, Horticulture & Pharmacology, v. 2, 1987, 255pp.
Zingiber officinale	Root	181.0	2580.0	-0.1647701538167895	--
Eriobotrya japonica	Fruit	140.0	2667.0	-0.16675151955051457	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Passiflora foetida	Fruit	480.0	2665.0	-0.16735899912729948	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Ribes uva-crispa	Fruit	150.0	2665.0	-0.16735899912729948	--
Althaea officinalis	Root	277.0	2560.0	-0.1682843400899607	--
Ephedra sinica	Plant	678.0	3230.0	-0.17234785353799417	--
Mucuna pruriens	Seed	3200.0	4700.0	-0.1726545402135033	--
Cucumis melo	Fruit	121.0	2640.0	-0.17495249383711084	--
Cinnamomum aromaticum	Bark		1000.0	-0.17573390155376353	--
Solanum nigrum	Leaf	540.0	4000.0	-0.17873498510590535	--
Platycodon grandiflorum	Root	1890.0	2493.0	-0.18005686410508445	--
Spirulina spp.	Plant		3190.0	-0.19156933699541506	--
Spirulina pratensis	Plant		3190.0	-0.19156933699541506	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
Corylus avellana	Seed	2900.0	4622.0	-0.1932667435655963	--
Passiflora edulis	Fruit	480.0	2570.0	-0.19621427902458272	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Rosa canina	Fruit	479.0	2560.0	-0.19925167690850726	--
Trifolium pratense	Flower	580.0	3220.0	-0.2058307284109949	--
Chamaemelum nobile	Flower		3220.0	-0.2058307284109949	--
Arachis hypogaea	Leaf	820.0	3814.0	-0.21295656282691247	--
Mangifera indica	Leaf	720.0	3800.0	-0.21553238050483775	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Vigna aconitifolia</i>	Fruit		2500.0	-0.21747606421205457	--
<i>Rubus chamaemorus</i>	Fruit	320.0	2500.0	-0.21747606421205457	--
<i>Passiflora mollissima</i>	Fruit	200.0	2500.0	-0.21747606421205457	Morton, J.F., Major Medicinal Plants. 1977. Atlas of Medicinal Plants of Middle America. Bahamas to Yucatan. 1981.
<i>Sphenostylis stenocarpa</i>	Root	800.0	2273.0	-0.21871291310996788	--
<i>Commelina benghalensis</i>	Leaf	520.0	3770.0	-0.2210519898146776	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<i>Vigna radiata</i>	Seed	3260.0	4500.0	-0.22550634368040845	--
<i>Cajanus cajan</i>	Seed	1270.0	4500.0	-0.22550634368040845	--
<i>Manihot esculenta</i>	Root	310.0	2225.0	-0.2271469601655788	--
<i>Canna indica</i>	Root	630.0	2200.0	-0.23153969300704283	--
<i>Dioscorea alata</i>	Root	48.0	2190.0	-0.23329678614362845	--
<i>Peucedanum decursivum</i>	Plant	2800.0	3100.0	-0.2348176747746121	--
<i>Phyllanthus acidus</i>	Fruit	200.0	2442.0	-0.23509297193881695	--
<i>Cyamopsis tetragonoloba</i>	Shoot	1600.0	2855.0	-0.24195509734336013	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<i>Symphytum officinale</i>	Root		2111.0	-0.24717782192265478	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
<i>Azadirachta indica</i>	Fruit	2265.0	2400.0	-0.24785004305130007	--
<i>Oxalis tuberosa</i>	Root	340.0	2099.0	-0.2492863336865575	--
<i>Vigna angularis</i>	Seed	3810.0	4402.0	-0.251403727379192	--
<i>Brassica oleracea</i> var. <i>sabellica</i> l.	Leaf	560.0	3600.0	-0.25232977590377015	--
<i>Cimicifuga racemosa</i>	Root	437.0	2080.0	-0.2526248106460702	--
<i>Actaea racemosa</i>	Root		2080.0	-0.2526248106460702	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
<i>Sphenostylis stenocarpa</i>	Seed	3980.0	4393.0	-0.2537820585352027	--
<i>Chenopodium ambrosioides</i>	Leaf	520.0	3585.0	-0.2550895805586901	--
<i>Elaeagnus umbellatus</i>	Fruit	380.0	2355.0	-0.26151833352896053	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Ipomoea batatas	Root	261.0	2000.0	-0.26668155573875507	--
Persea americana	Plant	260.0	3030.0	-0.2684552708250987	--
Vigna mungo	Seed	348.0	4321.0	-0.2728087077832886	--
Rheum rhabarbarum	Leaf	160.0	3472.0	-0.2758801089590869	--
Psidium cattleianum	Fruit	170.0	2305.0	-0.2767053229485833	--
Prunus cerasus	Fruit	150.0	2302.0	-0.27761654231376065	--
Boehmeria nivea	Leaf	450.0	3460.0	-0.27808795268302283	--
Rhus copallina	Leaf	243.0	3456.0	-0.2788239005910015	--
Arracacia xanthorrhiza	Root	550.0	1900.0	-0.28425248710461115	--
Cicer arietinum	Seed	3540.0	4275.0	-0.2849646225806768	USDA's Ag Handbook 8 and sequelae)
Asimina triloba	Fruit	420.0	2265.0	-0.2888549144842815	--
Anogeissus latifolia	Leaf		3400.0	-0.28912717130270255	--
Ocimum tenuiflorum	Leaf		3400.0	-0.28912717130270255	=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
Arachis hypogaea	Seed	2450.0	4248.0	-0.29209961604870893	--
Allium sativum var. sativum	Leaf	460.0	3382.0	-0.29243893688860645	--
Brosimum alicastrum	Fruit	360.0	2250.0	-0.29341101131016833	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Cassia tora	Sprout Seedling		5700.0	-0.2943499474463605	--
Lepidium meyenii	Root		1830.0	-0.29655213906071043	--
Dioscorea pentaphylla	Root	340.0	1830.0	-0.29655213906071043	--
Secale cereale	Seed	3725.0	4225.0	-0.29817757344740303	--
Acrocomia totai	Seed		4200.0	-0.3047840488807662	--
Achillea millefolium	Plant	522.0	2950.0	-0.3068982377399405	--
Smilax spp	Root	372.0	1770.0	-0.3070946978802241	--



Plant	Part	Low PPM	High PPM	StdDev	Reference
Smilax officinalis	Root	372.0	1770.0	-0.3070946978802241	--
Dioscorea sp.	Root		1730.0	-0.3141230704265665	--
Dioscorea villosa	Root	415.0	1730.0	-0.3141230704265665	--
Sassafras albidum	Leaf	396.0	3264.0	-0.3141494001739766	--
Chenopodium album	Seed		4160.0	-0.31535440957414723	--
Ruscus aculeatus	Root	504.0	1670.0	-0.32466562924608017	--
Robinia pseudoacacia	Leaf	2600.0	3200.0	-0.32592456670163494	--
Polymnia edulis	Root	150.0	1650.0	-0.3281798155192514	--
Stevia rebaudiana	Leaf		3180.0	-0.3296043062415282	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
Psophocarpus tetragonolobus	Leaf	525.0	3175.0	-0.3305242411265015	--
Zizyphus jujuba	Fruit	270.0	2120.0	-0.3328971838011875	--
Artemisia vulgaris	Leaf	400.0	3150.0	-0.33512391555136806	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Phytelephas aequatorialis	Flower	850.0	2910.0	-0.33616838893452544	KOZIOL & PEDERSEN. 1993. PHYTELEPHAS AEQUATORIALIS(ARECACEAE) IN HUMAN AND ANIMAL NUTRITION. ECON. BOT. 47:401-307.
Averrhoa carambola	Fruit	140.0	2100.0	-0.3389719795690366	--
Carya glabra	Shoot	8.0	2640.0	-0.3394399339398884	--
Zea mays	Seed	600.0	4066.0	-0.34019475720359266	--
Phaseolus acutifolius	Seed	2800.0	4050.0	-0.34442290148094507	--
Abrus precatorius	Leaf	650.0	3095.0	-0.34524319928607444	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Phaseolus coccineus	Seed	3280.0	4046.0	-0.34547993755028317	--
Sicana odorifera	Fruit	245.0	2065.0	-0.3496028721627725	--
Carica pentagona	Fruit	140.0	2060.0	-0.3511215711047348	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Inula helenium	Root	330.0	1500.0	-0.3545362125680356	--
Rheum rhabarbarum	Pt	100.0	3462.0	-0.35624352955446276	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Piper nigrum	Fruit	700.0	2040.0	-0.3571963668725839	--
Sambucus canadensis	Fruit	369.0	2036.0	-0.3584113260261537	USDA's Ag Handbook 8 and sequelae)
Durio zibethinus	Fruit	380.0	2010.0	-0.36630856052435756	--
Prunus persica	Fruit	90.0	2000.0	-0.3693459584082821	--
Elettaria cardamomum	Fruit	1600.0	2000.0	-0.3693459584082821	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Citrus aurantiifolia	Fruit	110.0	2000.0	-0.3693459584082821	--
Liquidambar styraciflua	Leaf	360.0	2952.0	-0.3715533369963111	--
Gymnema sylvestre	Leaf	561.0	2950.0	-0.37192131095030045	--
Opuntia ficus-indica	Fruit	320.0	1985.0	-0.3739020552341689	--
Avena sativa	Plant	618.0	2810.0	-0.3741734298409137	--
Citrus sinensis	Fruit	136.0	1980.0	-0.3754207541761312	--
Sida rhombifolia	Leaf	580.0	2930.0	-0.37560105049019366	--
Citrus limon	Fruit	100.0	1979.0	-0.3757244939645237	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Piper auritum	Leaf	490.0	2920.0	-0.3774409202601403	--
Theobroma bicolor	Fruit	410.0	1970.0	-0.37845815206005573	--
Fallopia japonica	Plant	2300.0	2800.0	-0.3789788007052689	Chem. & Pharm. Bull. 38: 2205.
Canavalia ensiformis	Seed	2700.0	3898.0	-0.384590272115793	--
Quararibea cordata	Fruit	170.0	1940.0	-0.3875703457118294	--
Averrhoa bilimbi	Fruit	110.0	1915.0	-0.39516384042164077	Morton, J.F., Major Medicinal Plants. 1977. Atlas of Medicinal Plants of Middle America. Bahamas to Yucatan. 1981.
Manihot esculenta	Leaf	560.0	2800.0	-0.39951935749949974	--
Moringa oleifera	Leaf	700.0	2800.0	-0.39951935749949974	USDA's Ag Handbook 8 and sequelae)
Centella asiatica	Leaf	300.0	2800.0	-0.39951935749949974	--
Aframomum melegueta	Fruit		1900.0	-0.3997199372475276	Wealth of India.
Vigna mungo	Fruit		1900.0	-0.3997199372475276	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Solanum melongena	Leaf	380.0	2794.0	-0.4006232793614677	--
Cypripedium pubescens	Root		1230.0	-0.401977727255847	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
Hydrastis canadensis	Root	341.0	1230.0	-0.401977727255847	--
Sorbus aucubaria	Fruit	360.0	1880.0	-0.4057947330153767	--
Piper betel	Leaf	400.0	2740.0	-0.4105585761191793	--
Vitis vinifera	Fruit	117.0	1848.0	-0.41551440624393526	--
Cyamopsis tetragonoloba	Leaf		2700.0	-0.41791805519896574	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Terminalia bellirica	Leaf		2700.0	-0.41791805519896574	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Amorphophallus konjac	Leaf	70.0	2692.0	-0.41938995101492305	--
Annona glabra	Fruit	240.0	1820.0	-0.424019120318924	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Peperomia pereskifolia	Leaf	400.0	2665.0	-0.42435759939377893	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Annona diversifolia	Fruit	515.0	1815.0	-0.4255378192608863	Morton, J.F., Major Medicinal Plants. 1977. Atlas of Medicinal Plants of Middle America. Bahamas to Yucatan. 1981.
Cnicus benedictus	Plant	359.0	2700.0	-0.42703250934882114	--
Syzygium malaccense	Fruit	30.0	1800.0	-0.4300939160867731	--
Pueraria montana	Shoot	470.0	2440.0	-0.43012350286689155	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Anethum graveolens	Seed	2102.0	3723.0	-0.430835600149335	USDA's Ag Handbook 8 and sequelae)
Brassica oleracea var. viridis l.	Leaf	160.0	2622.0	-0.4322690394045494	--
Raphanus sativus	Leaf	300.0	2609.0	-0.43466087010548	--
Polygonum multiflorum	Root		1040.0	-0.4353624968509736	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
Cucurbita foetidissima	Leaf		2600.0	-0.43631675289843197	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Gliricidia sepium</i>	Flower	370.0	2645.0	-0.44758606647883387	--
<i>Chrysanthemum cinerariifolium</i>	Shoot		2400.0	-0.44826021665229215	--
<i>Amphicarpaea bracteata</i>	Shoot		2400.0	-0.44826021665229215	--
<i>Rhynchosia minima</i>	Shoot		2400.0	-0.44826021665229215	--
<i>Boehmeria nivea</i>	Shoot	1400.0	2400.0	-0.44826021665229215	--
<i>Psidium guajava</i>	Fruit	60.0	1740.0	-0.4483183033903204	--
<i>Pouteria caimito</i>	Fruit	410.0	1740.0	-0.4483183033903204	--
<i>Artocarpus heterophyllus</i>	Fruit	260.0	1725.0	-0.45287440021620723	--
<i>Tribulus terrestris</i>	Leaf	800.0	2500.0	-0.45471545059789814	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<i>Hibiscus rosa-sinensis</i>	Flower	265.0	2615.0	-0.460199388464982	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
<i>Spondias purpurea</i>	Fruit	350.0	1680.0	-0.4665426906938677	--
<i>Viburnum opulus</i>	Bark		650.0	-0.46815956974940875	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
<i>Hylocereus undatus</i>	Fruit	260.0	1665.0	-0.47109878751975454	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<i>Musa x paradisiaca</i>	Leaf		2400.0	-0.47311414829736437	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<i>Azadirachta indica</i>	Leaf	1900.0	2400.0	-0.47311414829736437	--
<i>Viscum album</i>	Leaf		2400.0	-0.47311414829736437	--
<i>Yucca baccata</i>	Root	169.0	810.0	-0.4757756389924427	--
<i>Tamarindus indica</i>	Fruit	1080.0	1647.0	-0.47656610371081876	--
<i>Allium sativum</i> var. <i>sativum</i>	Shoot	520.0	2332.0	-0.4790926300874732	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<i>Echinacea purpurea</i>	Root	198.0	790.0	-0.47928982526561387	--
<i>Cyrtosperma chamissonis</i>	Root	140.0	790.0	-0.47928982526561387	--
<i>Echinacea</i> spp	Root		790.0	-0.47928982526561387	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.

Plant	Part	Low PPM	High PPM	StdDev	Reference
Glycyrrhiza glabra	Root	124.0	790.0	-0.47928982526561387	--
Carthamus tinctorius	Seed	3100.0	3526.0	-0.4828946265642366	--
Rubus idaeus	Leaf	395.0	2340.0	-0.4841533669170441	--
Justicia pectoralis	Leaf	350.0	2335.0	-0.4850733018020174	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Citrus aurantium	Fruit	120.0	1600.0	-0.4908418737652641	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Annona squamosa	Fruit	260.0	1600.0	-0.4908418737652641	--
Melia azedarach	Leaf	220.0	2300.0	-0.49151284599683054	--
Bixa orellana	Seed	2820.0	3490.0	-0.4924079511882795	--
Zizyphus jujuba	Shoot		2300.0	-0.4936020011157937	--
Harpagophytum procumbens	Root	134.0	707.0	-0.49387369829927447	--
Tamarindus indica	Leaf	1000.0	2281.0	-0.4950085985597291	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Bupleurum chinense	Root	77.0	700.0	-0.4951036634948844	--
Passiflora incarnata	Fruit	430.0	1564.0	-0.5017765061473926	Duke, J. A. Writeups or information summaries on approximately 2,000 economic plants, USDA, ARS, Beltsville, MD 20705.
Pothomorphe sp.	Leaf	400.0	2235.0	-0.5034719995014836	--
Astragalus membranaceus	Root	104.0	650.0	-0.5038891291778125	--
Gliricidia sepium	Leaf	340.0	2220.0	-0.5062318041564036	--
Erythrina fusca	Leaf	400.0	2220.0	-0.5062318041564036	--
Persea schiedeana	Fruit	355.0	1540.0	-0.5090662610688115	Morton, J.F., Major Medicinal Plants. 1977. Atlas of Medicinal Plants of Middle America. Bahamas to Yucatan. 1981.
Symphytum officinale	Leaf	242.0	2200.0	-0.5099115436962968	--
Prosopis juliflora	Leaf		2200.0	-0.5099115436962968	--
Parthenium integrifolium	Root	96.0	600.0	-0.5126745948607405	--
Nyssa sylvatica	Leaf	300.0	2184.0	-0.5128553353282114	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Mentha pulegium	Plant		2520.0	-0.5135291849072152	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
Pueraria montana	Root	180.0	575.0	-0.5170673277022045	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Annona cherimola	Fruit	240.0	1510.0	-0.5181784547205851	--
Maranta arundinacea	Root	180.0	561.0	-0.5195272580934244	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Thymus vulgaris	Plant	1703.0	2502.0	-0.5221788524630546	USDA's Ag Handbook 8 and sequelae)
Panax ginseng	Root	112.0	528.0	-0.5253256654441569	--
Fucus vesiculosus	Plant	294.0	2490.0	-0.5279452975002809	--
Annona reticulata	Fruit	147.0	1475.0	-0.528809347314321	--
Psoralea esculenta	Root		500.0	-0.5302455262265966	Izidoost, M. & Robinson, T., Synergism & antagonism in the pharmacology of alkaloidal plants, pp 137-58 in Craker, L. & Simon, J., eds., Herbs, Spices & Medicinal Plants: Recent Advances in Botany, Horticulture & Pharmacology, v. 2, 1987, 255pp.
Carya illinoensis	Seed	2890.0	3340.0	-0.5320468037884584	--
Artocarpus altilis	Fruit	240.0	1460.0	-0.5333654441402078	--
Frangula purshiana	Bark	158.0	570.0	-0.5349997224798418	--
Elaeagnus commutata	Fruit	200.0	1450.0	-0.5364028420241324	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Crataegus laevigata	Fruit	405.0	1450.0	-0.5364028420241324	--
Crataegus rhipidophylla	Fruit		1450.0	-0.5364028420241324	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
Berberis vulgaris	Root		450.0	-0.5390309919095246	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
Sassafras albidum	Stem	132.0	1776.0	-0.545308734462171	--
Zizyphus jujuba	Leaf		2000.0	-0.5467089390952291	--
Ginkgo biloba	Seed	1240.0	3268.0	-0.5510734530365442	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Solanum sessiliflorum	Fruit	140.0	1400.0	-0.5515898314437552	Morton, J.F., Major Medicinal Plants. 1977. Atlas of Medicinal Plants of Middle America. Bahamas to Yucatan. 1981.
Secale cereale	Leaf		1970.0	-0.552228548405069	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Phyllanthus emblica	Fruit	200.0	1390.0	-0.5546272293276797	--
Citrus reticulata	Fruit	90.0	1385.0	-0.5561459282696419	--
Valeriana officinalis	Root	39.0	330.0	-0.560116109548552	--
Carthamus tinctorius	Flower	332.0	2370.0	-0.5632081846851916	--
Nepeta cataria	Plant	289.0	2410.0	-0.5663882644151227	--
Fagopyrum esculentum	Seed	2820.0	3200.0	-0.569043066215292	--
Gleditsia triacanthos	Seed		3200.0	-0.569043066215292	--
Origanum vulgare	Plant	1769.0	2402.0	-0.5702325611066069	USDA's Ag Handbook 8 and sequelae)
Syzygium aromaticum	Fruit	1000.0	1337.0	-0.5707254381124798	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Stillingia sylvatica	Plant		2400.0	-0.571193635279478	--
Cajanus cajan	Plant		2400.0	-0.571193635279478	--
Pyrus communis	Fruit	90.0	1332.0	-0.5722441370544421	--
Cucurbita foetidissima	Root		220.0	-0.5794441340509937	Laferriere, J.E., 1988, Nutricomp Program, Nutricomp Database; reviewed in J. Ethnobiology 9(1):27-29.
Coffea arabica	Leaf	1700.0	1816.0	-0.580562542862247	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Aegle marmelos	Fruit	500.0	1300.0	-0.5819638102830006	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Platonia insignis	Fruit	360.0	1300.0	-0.5819638102830006	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Vigna aconitifolia	Leaf		1800.0	-0.5835063344941616	--
Malpighia glabra	Fruit	110.0	1280.0	-0.5880386060508498	--
Carica papaya	Fruit	170.0	1260.0	-0.5941134018186989	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Vitis vinifera	Stem		1710.0	-0.5945154579676041	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
Acacia senegal	Seed		3100.0	-0.5954689679487446	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Curcuma longa	Plant	725.0	2340.0	-0.6000258604656092	--
Pimenta dioica	Fruit	1100.0	1235.0	-0.6017068965285103	--
Acacia catechu	Leaf		1700.0	-0.6019050321936278	--
Acacia tortilis	Leaf		1700.0	-0.6019050321936278	--
Mimosa pudica	Leaf	530.0	1700.0	-0.6019050321936278	--
Chamissoa altissima	Leaf	165.0	1660.0	-0.6092645112734142	Tramil
Amorphophallus konjac	Root		39.0	-0.6112475198231933	--
Allium ampeloprasum	Flower	380.0	2249.0	-0.614081916695989	--
Pachira macrocarpa	Seed	2860.0	3025.0	-0.615288394248834	--
Prunus avium	Fruit	175.0	1175.0	-0.6199312838320575	--
Prunus armeniaca	Seed		3000.0	-0.6218948696821971	--
Cenchrus biflorus	Seed	2700.0	2990.0	-0.6245374598555424	--
Rollinia mucosa	Fruit	260.0	1140.0	-0.6305621764257935	Morton, J.F., Major Medicinal Plants. 1977. Atlas of Medicinal Plants of Middle America. Bahamas to Yucatan. 1981.
Lobelia inflata	Leaf	174.0	1540.0	-0.6313429485127736	--
Spondias pinnata	Fruit	110.0	1135.0	-0.6320808753677557	--
Vaccinium vitis-idaea	Fruit	150.0	1130.0	-0.633599574309718	--
Musa x paradisiaca	Fruit	110.0	1127.0	-0.6345107936748954	--
Tamarindus indica	Flower		2200.0	-0.634683675940031	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Berberis vulgaris	Bark		450.0	-0.6352599515754915	--
Diospyros digyna	Fruit	230.0	1120.0	-0.6366369721936426	Morton, J.F., Major Medicinal Plants. 1977. Atlas of Medicinal Plants of Middle America. Bahamas to Yucatan. 1981.
Diospyros virginiana	Leaf	450.0	1500.0	-0.6387024275925601	--



Plant	Part	Low PPM	High PPM	StdDev	Reference
Juglans nigra	Fruit		1070.0	-0.6518239616132653	--
Plectranthus amboinicus	Leaf	80.0	1428.0	-0.6519494899361759	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Trigonella foenum-graecum	Seed	374.0	2880.0	-0.6536059517623403	--
Acacia senegal	Leaf		1400.0	-0.6571011252920264	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Rhizophora mangle	Leaf		1400.0	-0.6571011252920264	--
Alocasia macrorrhiza	Leaf	250.0	1400.0	-0.6571011252920264	--
Pimenta dioica	Leaf	1173.0	1399.0	-0.657285112269021	--
Mangifera indica	Fruit	103.0	1050.0	-0.6578987573811144	--
Prunus salicifolia	Fruit	160.0	1050.0	-0.6578987573811144	Morton, J.F., Major Medicinal Plants. 1977. Atlas of Medicinal Plants of Middle America. Bahamas to Yucatan. 1981.
Cydonia oblonga	Fruit	150.0	1049.0	-0.6582024971695069	--
Murraya sp	Fruit	290.0	1040.0	-0.660936155265039	--
Pouteria campechiana	Fruit	300.0	1040.0	-0.660936155265039	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Myrciaria cauliflora	Fruit	90.0	1030.0	-0.6639735531489636	--
Senna alexandrina	Leaf	276.0	1360.0	-0.6644606043718129	--
Capparis spinosa	Leaf		1350.0	-0.6663004741417594	Wealth of India.
Casimiroa edulis	Fruit	180.0	1000.0	-0.6730857468007372	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Artemisia vulgaris	Shoot		1900.0	-0.6749691389697999	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Chrysophyllum cainito	Fruit	160.0	985.0	-0.6776418436266239	--
Salvia officinalis	Leaf	201.0	1280.0	-0.6791795625313858	--
Glycine max	Sprout Seedling	580.0	4891.0	-0.6799841296068554	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Rubus idaeus	Fruit	110.0	955.0	-0.6867540372783977	Revised USDA data received 1993.
Eugenia brasiliensis	Fruit	136.0	950.0	-0.6882727362203599	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Sophora japonica	Seed		2723.0	-0.6950946174838608	--
Malus domestica	Fruit	68.0	925.0	-0.6958662309301713	--
Mammea americana	Fruit	78.0	925.0	-0.6958662309301713	--
Melicoccus bijugatas	Fruit	98.0	925.0	-0.6958662309301713	--
Cymbopogon citratus	Plant		2140.0	-0.6961332777527138	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
Ananas comosus	Fruit	60.0	923.0	-0.6964737105069562	--
Acacia farnesiana	Seed	2000.0	2700.0	-0.7011725748825549	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Turnera diffusa	Leaf	242.0	1150.0	-0.7030978695406919	--
Juniperus communis	Fruit	279.0	900.0	-0.7034597256399827	--
Artocarpus heterophyllus	Seed	1300.0	2685.0	-0.7051364601425728	--
Pouteria viridis	Fruit	280.0	885.0	-0.7080158224658695	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Kalmia latifolia	Leaf		1100.0	-0.7122972183904249	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Quercus velutina	Stem	105.0	1550.0	-0.713804484647442	--
Euphrasia officinalis	Plant	323.0	2100.0	-0.7153547612101347	--
Syzygium jambos	Fruit	115.0	852.0	-0.7180392354828206	--
Pachyrhizus erosus	Tuber	180.0	1660.0	-0.7180636251627609	--
Licania platypus	Fruit	245.0	822.0	-0.7271514291345942	Morton, J.F., Major Medicinal Plants. 1977. Atlas of Medicinal Plants of Middle America. Bahamas to Yucatan. 1981.
Eugenia uniflora	Fruit	90.0	815.0	-0.7292776076533414	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Rosmarinus officinalis	Plant	490.0	2050.0	-0.7393816155319108	USDA's Ag Handbook 8 and sequelae)
Thymus vulgaris	Leaf	160.0	950.0	-0.7398952649396242	--
Olea europaea	Fruit	170.0	780.0	-0.7399085002470773	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Aloe vera	Leaf	6.0	940.0	-0.7417351347095709	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Aloe spp.	Leaf	5.0	940.0	-0.7417351347095709	--
Quercus phellos	Stem	168.0	1512.0	-0.7421356284839035	--
Quercus stellata	Stem	150.0	1512.0	-0.7421356284839035	--
Olea europaea	Leaf		900.0	-0.7490946137893574	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Diospyros virginiana	Fruit	260.0	730.0	-0.7550954896667	--
Vanilla planifolia	Fruit		700.0	-0.7642076833184737	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Eugenia floribunda	Fruit	90.0	700.0	-0.7642076833184737	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Colubrina texensis	Shoot		1700.0	-0.7656527078968032	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Blighia sapida	Seed	700.0	2455.0	-0.7659160341295137	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Garcinia mangostana	Fruit	100.0	685.0	-0.7687637801443605	--
Vaccinium corymbosum	Fruit	96.0	675.0	-0.7718011780282851	--
Rhus copallina	Stem	75.0	1464.0	-0.7779223364878548	--
Myristica fragrans	Seed	2130.0	2400.0	-0.7804502800829126	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Cocos nucifera	Seed	830.0	2400.0	-0.7804502800829126	--
Bixa orellana	Fruit	100.0	641.0	-0.7821283308336285	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Feijoa sellowiana	Fruit	100.0	625.0	-0.7869881674479078	Morton, J.F., Major Medicinal Plants. 1977. Atlas of Medicinal Plants of Middle America. Bahamas to Yucatan. 1981.
Tamarindus indica	Seed		2370.0	-0.7883780506029484	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Morinda citrifolia	Leaf	150.0	670.0	-0.7914116184981296	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Mauritia flexuosa	Fruit	270.0	585.0	-0.7991377589836061	J Cell Biochem VOL. 22=1995
Carya ovata	Shoot	110.0	1620.0	-0.8019261354676044	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Cola acuminata</i>	Seed	860.0	2318.0	-0.8021195195043437	--
<i>Lycium chinense</i>	Fruit		560.0	-0.8067312536934174	Hansel, R., Keller, K., Rimpler, H., and Schneider, G. eds. 1992. Hager's Handbuch der Pharmazeutischen Praxis, Drogen (A-D), 1209 pp., 1993 (E-O), 970 pp., 1994 (P-Z), 1196 pp. Springer-Verlag, Berlin.
<i>Pourouma cecropiaefolia</i>	Fruit	100.0	555.0	-0.8082499526353797	J Cell Biochem VOL. 22=1995
<i>Sclerocarya caffra</i>	Seed	190.0	2290.0	-0.8095187719897105	--
<i>Equisetum arvense</i>	Plant	407.0	1900.0	-0.811462178497239	--
<i>Manilkara zapota</i>	Fruit	100.0	530.0	-0.8158434473451911	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<i>Cyamopsis tetragonoloba</i>	Fruit		500.0	-0.8249556409969647	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<i>Ulmus rubra</i>	Bark	36.0	220.0	-0.8274253906754868	--
<i>Rauvolfia serpentina</i>	Seed	700.0	2200.0	-0.8333020835498178	--
<i>Albizia lebbek</i>	Leaf	300.0	400.0	-0.8410881022866883	Wealth of India.
<i>Aleurites moluccana</i>	Seed	2000.0	2150.0	-0.8465150344165441	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<i>Arctostaphylos uva-ursi</i>	Leaf	43.0	370.0	-0.8466077115965281	--
<i>Phaseolus lunatus</i>	Leaf		360.0	-0.8484475813664748	--
<i>Pinus echinata</i>	Shoot	306.0	1512.0	-0.850895262688186	--
<i>Scutellaria lateriflora</i>	Plant	248.0	1810.0	-0.854710516276436	--
<i>Lantana camara</i>	Shoot		1500.0	-0.8563362768238063	--
<i>Stachys officinalis</i>	Plant	302.0	1800.0	-0.8595158871407913	--
<i>Petasites japonicus</i>	Plant	400.0	1800.0	-0.8595158871407913	Chem. & Pharm. Bull. 38: 2205.
<i>Chondrus crispus</i>	Plant		1800.0	-0.8595158871407913	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
<i>Artemisia herba-alba</i>	Plant		1790.0	-0.8643212580051465	--
<i>Elettaria cardamomum</i>	Seed	1780.0	1941.0	-0.90174516903946	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses

Plant	Part	Low PPM	High PPM	StdDev	Reference
Tabebuia heptaphylla	Bark	21.0	120.0	-0.9109755815885283	--
Coffea arabica	Seed	1780.0	1900.0	-0.9125797887501755	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Spondias tuberosa	Fruit		210.0	-0.9130401796307767	--
Areca catechu	Seed	630.0	1892.0	-0.9146938608888517	--
Quercus rubra	Stem	112.0	1254.0	-0.934489184005142	--
Syzygium cumini	Fruit	130.0	127.0	-0.9382505820673505	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Passiflora quadrangularis	Seed	390.0	1800.0	-0.9390056904836281	--
Castanea mollissima	Seed	940.0	1774.0	-0.9458764249343258	--
Byrsonima crassifolia	Fruit	125.0	100.0	-0.9464515563539467	--
Macadamia spp	Seed	1015.0	1750.0	-0.9522186413503544	USDA's Ag Handbook 8 and sequelae)
Vigna mungo	Plant		1600.0	-0.9556233044278958	--
Quercus alba	Bark	15.0	64.0	-0.9577636884998315	--
Castanea dentata	Seed	960.0	1709.0	-0.9630532610610699	--
Satureja hortensis	Plant		1538.0	-0.9854166037868982	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Opuntia ficus-indica	Seed		1605.0	-0.9905361988638606	Laferriere, J.E., 1988, Nutricomp Program, Nutricomp Database; reviewed in J. Ethnobiology 9(1):27-29.
Syzygium aromaticum	Flower	1000.0	1337.0	-0.9975269050748918	--
Portulaca oleracea	Herb	320.0	7740.0	-1.0	--
Plantago psyllium	Hull Husk		578.0	-1.0	--
Opuntia ficus-indica	Bud		243.0	-1.0	Laferriere, J.E., 1988, Nutricomp Program, Nutricomp Database; reviewed in J. Ethnobiology 9(1):27-29.
Allium cepa	Bulb	275.0	4038.0	-1.0	--
Medicago sativa	Plant	282.0	1500.0	-1.003677013071448	--
Petasites japonicus	Pt	120.0	2180.0	-1.0071283821276042	USDA's Ag Handbook 8 and sequelae)
Cornus florida	Seed		1500.0	-1.0182833956839858	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Inga edulis</i>	Seed		1280.0	-1.0764203794975815	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<i>Psophocarpus tetragonolobus</i>	Tuber	450.0	1056.0	-1.0779395175137283	--
<i>Nyssa sylvatica</i>	Stem	90.0	1056.0	-1.0821093545214413	--
<i>Dioscorea bulbifera</i>	Tuber	290.0	1000.0	-1.11130549428799	--
<i>Phaseolus vulgaris</i>	Sprout Seedling	370.0	3978.0	-1.1151930397583163	USDA's Ag Handbook 8 and sequelae)
<i>Castanea sativa</i>	Seed	490.0	1122.0	-1.1181733042364366	--
<i>Phoenix dactylifera</i>	Seed		1120.0	-1.1187018222711056	Abstract (See species file)
<i>Areca catechu</i>	Shoot		890.0	-1.1329211620511657	--
<i>Vigna unguiculata</i>	Shoot	90.0	881.0	-1.137001922652881	--
<i>Vigna unguiculata</i>	Shoot	90.0	881.0	-1.137001922652881	USDA's Ag Handbook 8 and sequelae)
<i>Hibiscus sabdariffa</i>	Flower	110.0	1000.0	-1.1392165553859557	--
<i>Pinus gerardiana</i>	Seed	925.0	1000.0	-1.1504129043512488	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
<i>Larrea tridentata</i>	Plant	375.0	1140.0	-1.1766703641882361	--
<i>Arundo donax</i>	Plant		1100.0	-1.195891847645657	--
<i>Spondias dulcis</i>	Seed		700.0	-1.2296906095516065	--
<i>Plantago psyllium</i>	Seed	137.0	630.0	-1.2481887407650232	--
<i>Stevia rebaudiana</i>	Plant		980.0	-1.2535562980179198	Kinghorn, A. D. (Ed.) 2002. Medicinal and Aromatic Plants - Industrial Profiles. Stevia. The genus Stevia. Taylor & Francis. New York, NY. 211 pp.
<i>Plantago major</i>	Seed	180.0	600.0	-1.256116511285059	--
<i>Pinus edulis</i>	Seed	145.0	590.0	-1.2587591014584043	USDA's Ag Handbook 8 and sequelae)
<i>Polystichum polyblepharum</i>	Plant		900.0	-1.2919992649327616	--
<i>Vitellaria paradoxa</i>	Seed		430.0	-1.3010405442319284	--
<i>Myristica fragrans</i>	Aril	1000.0	1100.0	-1.325160187171999	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses

Plant	Part	Low PPM	High PPM	StdDev	Reference
Musa x paradisiaca	Flower		500.0	-1.3494385884884244	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Sophora secundiflora	Seed		140.0	-1.377675659258941	--
Boehmeria nivea	Plant	270.0	700.0	-1.388106682219866	--
Artemisia vulgaris	Plant	270.0	700.0	-1.388106682219866	Chem. & Pharm. Bull. 38: 2205.
Peganum harmala	Plant		600.0	-1.4361603908634184	--
Bacopa monnieri	Shoot		160.0	-1.463916188634727	Wealth of India.
Alpinia galanga	Rhizome	250.0	1773.0	-1.6394770420886036	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Juglans nigra	Pericarp	128.0	1070.0		--
Linum usitatissimum	Hay		1110.0		CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Phytelephas aequatorialis	Mesocarp	120.0	505.0		KOZIOL & PEDERSEN. 1993. PHYTELEPHAS AEQUATORIALIS(ARECACEAE) IN HUMAN AND ANIMAL NUTRITION. ECON. BOT. 47:401-307.
Petroselinum crispum	Shoot				--
Persea americana	Cr	260.0	3030.0		--
Myrica cerifera	Bark				--
Inula helenium	Plant				--
Musa x paradisiaca	Pith		100.0		ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Cinnamomum sieboldii	Root Bark		800.0		--
Zea mays	Silk Stigma Style		287.0		--
Zizyphus spina-christi	Fruit				--