

Dr. Duke's Phytochemical and Ethnobotanical Databases

List of Plants for PHOSPHORUS

Plant	Part	Low PPM	High PPM	StdDev	Reference
Zizyphus spina-christi	Fruit				--
Zizyphus jujuba	Fruit	270.0	2120.0	-0.3328971838011875	--
Zizyphus jujuba	Shoot		2300.0	-0.4936020011157937	--
Zizyphus jujuba	Leaf		2000.0	-0.5467089390952291	--
Zingiber officinale	Rhizome	320.0	5323.0	0.4586280406131061	--
Zingiber officinale	Root	181.0	2580.0	-0.1647701538167895	--
Zea mays	Seed	600.0	4066.0	-0.34019475720359266	--
Zea mays	Silk Stigma Style		287.0		--
Yucca baccata	Root	169.0	810.0	-0.4757756389924427	--
Xanthosoma sagittifolium	Leaf	610.0	38416.0	6.153360815142381	--
Xanthosoma sagittifolium	Root	470.0	4700.0	0.20773359113935988	--
Vitis vinifera	Stem		1710.0	-0.5945154579676041	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
Vitis vinifera	Fruit	117.0	1848.0	-0.41551440624393526	--
Vitellaria paradoxa	Seed		430.0	-1.3010405442319284	--
Viscum album	Leaf		2400.0	-0.47311414829736437	--
Vigna aconitifolia	Plant	1800.0	5400.0	0.8704176240270899	--
Vigna unguiculata	Seed	520.0	15593.0	2.705918935611486	--
Vigna subterranea	Seed	2240.0	6042.0	0.18198106104943032	--
Vigna mungo	Seed	348.0	4321.0	-0.2728087077832886	--
Vigna angularis	Seed	3810.0	4402.0	-0.251403727379192	--
Vigna aconitifolia	Leaf		1800.0	-0.5835063344941616	--
Vigna unguiculata	Shoot	90.0	881.0	-1.137001922652881	--
Vigna unguiculata	Seed	5342.0	6375.0	0.2699793138218274	USDA's Ag Handbook 8 and sequelae)
Vigna radiata	Sprout Seedling	455.0	6560.0	0.11559491863278125	USDA's Ag Handbook 8 and sequelae)
Vigna mungo	Plant		1600.0	-0.9556233044278958	--
Vigna aconitifolia	Seed	2300.0	5418.0	0.01708343423268622	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Vigna aconitifolia</i>	Fruit		2500.0	-0.21747606421205457	--
<i>Vigna unguiculata</i>	Shoot	90.0	881.0	-1.137001922652881	USDA's Ag Handbook 8 and sequelae)
<i>Vigna unguiculata</i>	Fruit	590.0	4856.0	0.4981348772405696	USDA's Ag Handbook 8 and sequelae)
<i>Vigna radiata</i>	Seed	3260.0	4500.0	-0.22550634368040845	--
<i>Vigna mungo</i>	Fruit		1900.0	-0.3997199372475276	--
<i>Vicia faba</i>	Seed	950.0	5000.0	-0.09337683501314556	USDA's Ag Handbook 8 and sequelae)
<i>Vicia faba</i>	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.
<i>Viburnum opulus</i>	Bark		650.0	-0.46815956974940875	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
<i>Vetiveria zizanioides</i>	Fruit	500.0	6000.0	0.8456131951615379	--
<i>Verbascum thapsus</i>	Leaf	2508.0	5700.0	0.13404287578502	--
<i>Vanilla planifolia</i>	Fruit		700.0	-0.7642076833184737	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<i>Valerianella radicata</i>	Plant	4647.0	5552.0	0.9434592611652892	--
<i>Valeriana officinalis</i>	Root	39.0	330.0	-0.560116109548552	--
<i>Vaccinium macrocarpon</i>	Fruit	924.0	7700.0	1.3619708354287114	--
<i>Vaccinium vitis-idaea</i>	Fruit	150.0	1130.0	-0.633599574309718	--
<i>Vaccinium corymbosum</i>	Fruit	96.0	675.0	-0.7718011780282851	--
<i>Vaccinium myrtillus</i>	Fruit	856.0	10700.0	2.2731902006060767	--
<i>Urtica dioica</i>	Leaf	894.0	4470.0	-0.09226110591841423	--
<i>Ulmus rubra</i>	Bark	36.0	220.0	-0.8274253906754868	--
<i>Ullucus tuberosus</i>	Root	350.0	2775.0	-0.1305068376533701	--
<i>Turnera diffusa</i>	Leaf	242.0	1150.0	-0.7030978695406919	--
<i>Tropaeolum tuberosum</i>	Root	220.0	3000.0	-0.09097224208019386	--
<i>Tropaeolum majus</i>	Shoot	850.0	6200.0	1.2747275929607667	--
<i>Triticum aestivum</i>	Plant	400.0	7200.0	1.7353843796110304	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Triticum aestivum	Seed	800.0	6800.0	0.3822893961890009	--
Trigonella foenum-graecum	Seed	374.0	2880.0	-0.6536059517623403	--
Trifolium pratense	Flower	580.0	3220.0	-0.2058307284109949	--
Trifolium pratense	Shoot	900.0	4500.0	0.5039172570812402	--
Trichosanthes anguina	Fruit	200.0	3700.0	0.14701168185889152	--
Tribulus terrestris	Leaf	800.0	2500.0	-0.45471545059789814	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Tragopogon porrifolius	Root	500.0	3262.0	-0.044936401901650866	--
Trachyspermum ammi	Fruit	4430.0	4784.0	0.4762656124763128	--
Thymus vulgaris	Plant	1703.0	2502.0	-0.5221788524630546	USDA's Ag Handbook 8 and sequelae)
Thymus vulgaris	Leaf	160.0	950.0	-0.7398952649396242	--
Theobroma speciosum	Fruit	1650.0	4230.0	0.30799376970689274	J Cell Biochem VOL. 22=1995
Theobroma cacao	Seed	3600.0	5571.0	0.05751506388486866	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Theobroma cacao	Fruit	500.0	5000.0	0.5418734067690828	J Cell Biochem VOL. 22=1995
Theobroma bicolor	Seed	5490.0	5695.0	0.09028318203434986	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Theobroma bicolor	Fruit	410.0	1970.0	-0.37845815206005573	--
Tetragonia tetragonioides	Leaf	280.0	4665.0	-0.05638364540445514	--
Terminalia bellirica	Leaf		2700.0	-0.41791805519896574	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Terminalia catappa	Seed	7890.0	9835.0	1.1843155137992867	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Tephrosia purpurea	Leaf	2600.0	5200.0	0.04204938728768902	--
Taraxacum officinale	Root	518.0	3620.0	0.01796753238811398	--
Taraxacum officinale	Leaf	590.0	5268.0	0.054560501723326035	--
Tanacetum parthenium	Plant		5010.0	0.683008160317236	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.

Plant	Part	Low PPM	High PPM	StdDev	Reference
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.
Tamarindus indica	Flower		2200.0	-0.634683675940031	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Tamarindus indica	Leaf	1000.0	2281.0	-0.4950085985597291	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Tamarindus indica	Fruit	1080.0	1647.0	-0.47656610371081876	--
Tabebuia heptaphylla	Bark	21.0	120.0	-0.9109755815885283	--
Syzygium aromaticum	Fruit	1000.0	1337.0	-0.5707254381124798	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Syzygium cumini	Fruit	130.0	127.0	-0.9382505820673505	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Syzygium malaccense	Fruit	30.0	1800.0	-0.4300939160867731	--
Syzygium jambos	Fruit	115.0	852.0	-0.7180392354828206	--
Syzygium aromaticum	Flower	1000.0	1337.0	-0.9975269050748918	--
Symphytum officinale	Root		2111.0	-0.24717782192265478	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
Symphytum officinale	Leaf	242.0	2200.0	-0.5099115436962968	--
Symphoricarpos orbiculatus	Stem	228.0	4224.0	1.2798133737393482	--
Stillingia sylvatica	Plant		2400.0	-0.571193635279478	--
Stevia rebaudiana	Leaf		3180.0	-0.3296043062415282	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
Stevia rebaudiana	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.
Stellaria media	Plant	372.0	4480.0	0.42832350450640905	--
Stachys officinalis	Plant	302.0	1800.0	-0.8595158871407913	--
Spondias mombin	Fruit	310.0	3250.0	0.010328777082286746	--
Spondias purpurea	Fruit	350.0	1680.0	-0.4665426906938677	--
Spondias dulcis	Seed		700.0	-1.2296906095516065	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Spondias pinnata	Fruit	110.0	1135.0	-0.6320808753677557	--
Spondias dulcis	Fruit	670.0	5115.0	0.5768034824342152	--
Spondias tuberosa	Fruit		210.0	-0.9130401796307767	--
Spirulina pratensis	Plant		3190.0	-0.19156933699541506	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
Spirulina spp.	Plant		3190.0	-0.19156933699541506	--
Spinacia oleracea	Plant	250.0	6232.0	1.2702244799414446	--
Sphenostylis stenocarpa	Root	800.0	2273.0	-0.21871291310996788	--
Sphenostylis stenocarpa	Seed	3980.0	4393.0	-0.2537820585352027	--
Spartium junceum	Stem		2600.0	0.06902975293899401	--
Sorbus aucubaria	Fruit	360.0	1880.0	-0.4057947330153767	--
Sophora secundiflora	Seed		140.0	-1.377675659258941	--
Sophora japonica	Seed		2723.0	-0.6950946174838608	--
Sonchus oleraceus	Leaf	370.0	5440.0	0.08620626176640789	--
Solanum tuberosum	Tuber	320.0	4200.0	0.7953217499555455	--
Solanum melongena	Leaf	380.0	2794.0	-0.4006232793614677	--
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.
Solanum torvum	Fruit	700.0	4795.0	0.47960675014862986	--
Solanum melongena	Fruit	189.0	5836.0	0.7957998698651753	--
Solanum quitoensis	Fruit	120.0	3155.0	-0.018526502814996487	--
Solanum nigrum	Leaf	540.0	4000.0	-0.17873498510590535	--
Smilax spp	Root	372.0	1770.0	-0.3070946978802241	--
Smilax officinalis	Root	372.0	1770.0	-0.3070946978802241	--
Sinapis alba	Seed	8100.0	9330.0	1.0508647100453512	--
Silybum marianum	Leaf	1553.0	7060.0	0.3842651644977603	--
Silybum marianum	Plant		7060.0	1.6681091875100573	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Sida rhombifolia</i>	Leaf	580.0	2930.0	-0.37560105049019366	--
<i>Sicana odorifera</i>	Fruit	245.0	2065.0	-0.3496028721627725	--
<i>Sesamum indicum</i>	Seed	5000.0	8898.0	0.936704814556836	--
<i>Sesamum indicum</i>	Leaf		14000.0	1.6611347848407145	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<i>Serenoa repens</i>	Fruit	2105.0	16200.0	3.94375903676458	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
<i>Senna alexandrina</i>	Leaf	276.0	1360.0	-0.6644606043718129	--
<i>Sechium edule</i>	Fruit	260.0	3715.0	0.15156777868477836	--
<i>Sechium edule</i>	Shoot	470.0	6350.0	1.342740269656019	--
<i>Secale cereale</i>	Leaf		1970.0	-0.552228548405069	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
<i>Secale cereale</i>	Seed	3725.0	4225.0	-0.29817757344740303	--
<i>Scutellaria lateriflora</i>	Plant	248.0	1810.0	-0.854710516276436	--
<i>Sclerocarya caffra</i>	Seed	190.0	2290.0	-0.8095187719897105	--
<i>Schisandra chinensis</i>	Fruit	639.0	4260.0	0.31710596335866637	--
<i>Satureja hortensis</i>	Plant		1538.0	-0.9854166037868982	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<i>Sassafras albidum</i>	Leaf	396.0	3264.0	-0.3141494001739766	--
<i>Sassafras albidum</i>	Stem	132.0	1776.0	-0.545308734462171	--
<i>Sambucus canadensis</i>	Fruit	369.0	2036.0	-0.3584113260261537	USDA's Ag Handbook 8 and sequelae)
<i>Sambucus nigra</i>	Fruit	540.0	3300.0	0.0255157665019095	--
<i>Salvia officinalis</i>	Leaf	201.0	1280.0	-0.6791795625313858	--
<i>Salix alba</i>	Bark	689.0	4100.0	2.414322016750521	--
<i>Ruscus aculeatus</i>	Root	504.0	1670.0	-0.32466562924608017	--
<i>Rumex crispus</i>	Root	1945.0	7570.0	0.71201932133943	--
<i>Rumex crispus</i>	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.

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Rubus idaeus	Fruit	110.0	955.0	-0.6867540372783977	Revised USDA data received 1993.
Rubus idaeus	Leaf	395.0	2340.0	-0.4841533669170441	--
Rubus chamaemorus	Fruit	320.0	2500.0	-0.21747606421205457	--
Rosmarinus officinalis	Plant	490.0	2050.0	-0.7393816155319108	USDA's Ag Handbook 8 and sequelae)
Rosa canina	Fruit	479.0	2560.0	-0.19925167690850726	--
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.
Robinia pseudoacacia	Leaf	2600.0	3200.0	-0.32592456670163494	--
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.
Ribes nigrum	Fruit	490.0	3500.0	0.08626372418040051	--
Ribes uva-crispa	Fruit	150.0	2665.0	-0.16735899912729948	--
Ribes rubrum	Fruit	418.0	3310.0	0.02855316438583405	--
Rhynchosia minima	Shoot		2400.0	-0.44826021665229215	--
Rhus copallina	Leaf	243.0	3456.0	-0.2788239005910015	--
Rhus glabra	Stem	126.0	2412.0	-0.07113485340981547	--
Rhus copallina	Stem	75.0	1464.0	-0.7779223364878548	--
Rhodymenia palmata	Plant		3860.0	0.13039051091638507	--
Rhizophora mangle	Leaf		1400.0	-0.6571011252920264	--
Rheum rhabarbarum	Pt	100.0	3462.0	-0.35624352955446276	--
Rheum rhabarbarum	Leaf	160.0	3472.0	-0.2758801089590869	--
Rauvolfia serpentina	Seed	700.0	2200.0	-0.8333020835498178	--
Raphanus sativus	Leaf	300.0	2609.0	-0.43466087010548	--
Raphanus sativus	Fruit	240.0	10526.0	2.2203394774257896	--
Raphanus sativus	Root	160.0	5850.0	0.4097993018467051	--
Quercus stellata	Stem	150.0	1512.0	-0.7421356284839035	--
Quercus alba	Stem	120.0	2432.0	-0.056223725074835744	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Quercus rubra	Stem	112.0	1254.0	-0.934489184005142	--
Quercus alba	Bark	15.0	64.0	-0.9577636884998315	--
Quercus velutina	Stem	105.0	1550.0	-0.713804484647442	--
Quercus phellos	Stem	168.0	1512.0	-0.7421356284839035	--
Quararibea cordata	Fruit	170.0	1940.0	-0.3875703457118294	--
Pyrus communis	Fruit	90.0	1332.0	-0.5722441370544421	--
Punica granatum	Fruit	80.0	3182.0	-0.010325528528400199	--
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.
Pueraria montana	Root	180.0	575.0	-0.5170673277022045	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
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.
Psophocarpus tetragonolobus	Leaf	525.0	3175.0	-0.3305242411265015	--
Psophocarpus tetragonolobus	Tuber	450.0	1056.0	-1.0779395175137283	--
Psophocarpus tetragonolobus	Seed	334.0	5058.0	-0.07804981200774307	--
Psidium guajava	Fruit	60.0	1740.0	-0.4483183033903204	--
Psidium cattleianum	Fruit	170.0	2305.0	-0.2767053229485833	--
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.
Prunus serotina	Stem	114.0	2592.0	0.06306530160500212	--
Prunus persica	Bark		3150.0	1.620595203076627	--
Prunus cerasus	Fruit	150.0	2302.0	-0.27761654231376065	--
Prunus avium	Fruit	175.0	1175.0	-0.6199312838320575	--
Prunus serotina	Leaf	261.0	4608.0	-0.06687090309315087	--



Plant	Part	Low PPM	High PPM	StdDev	Reference
Prunus dulcis	Seed	4420.0	8735.0	0.8936305947313082	--
Prunus armeniaca	Seed		3000.0	-0.6218948696821971	--
Prunus persica	Fruit	90.0	2000.0	-0.3693459584082821	--
Prunus armeniaca	Fruit	180.0	2982.0	-0.07107348620689122	USDA's Ag Handbook 8 and sequelae)
Prunus domestica	Fruit	70.0	4080.0	0.26243280144802444	--
Prosopis juliflora	Leaf		2200.0	-0.5099115436962968	--
Pouteria campechiana	Fruit	300.0	1040.0	-0.660936155265039	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Pouteria caimito	Fruit	410.0	1740.0	-0.4483183033903204	--
Pouteria viridis	Fruit	280.0	885.0	-0.7080158224658695	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Pourouma cecropiaefolia	Fruit	100.0	555.0	-0.8082499526353797	J Cell Biochem VOL. 22=1995
Pothomorphe sp.	Leaf	400.0	2235.0	-0.5034719995014836	--
Portulaca oleracea	Herb	320.0	7740.0	-1.0	--
Polystichum polyblepharum	Plant		900.0	-1.2919992649327616	--
Polymnia edulis	Root	150.0	1650.0	-0.3281798155192514	--
Polygonum multiflorum	Root		1040.0	-0.4353624968509736	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
Plectranthus amboinicus	Leaf	80.0	1428.0	-0.6519494899361759	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Platycodon grandiflorum	Root	1890.0	2493.0	-0.18005686410508445	--
Platonia insignis	Fruit	360.0	1300.0	-0.5819638102830006	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Plantago psyllium	Hull Husk		578.0	-1.0	--
Plantago major	Seed	180.0	600.0	-1.256116511285059	--
Plantago psyllium	Seed	137.0	630.0	-1.2481887407650232	--
Pisum sativum	Plant	1800.0	6400.0	1.3509547104626125	--
Pisum sativum	Fruit	530.0	5240.0	0.614770955983272	--
Pisum sativum	Seed	1038.0	6250.0	0.23694693665501168	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Pistacia vera</i>	Seed	4300.0	5280.0	-0.019384310159478342	--
<i>Piper nigrum</i>	Fruit	700.0	2040.0	-0.3571963668725839	--
<i>Piper betel</i>	Leaf	400.0	2740.0	-0.4105585761191793	--
<i>Piper auritum</i>	Leaf	490.0	2920.0	-0.3774409202601403	--
<i>Pinus echinata</i>	Shoot	306.0	1512.0	-0.850895262688186	--
<i>Pinus edulis</i>	Seed	145.0	590.0	-1.2587591014584043	USDA's Ag Handbook 8 and sequelae)
<i>Pinus pinea</i>	Seed	5080.0	5445.0	0.024218427700718415	USDA's Ag Handbook 8 and sequelae)
<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>Pinus cembroides</i>	Seed	5150.0	6235.0	0.23298305139499378	USDA's Ag Handbook 8 and sequelae)
<i>Pimpinella anisum</i>	Seed	4400.0	4862.0	-0.12984457940531013	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<i>Pimpinella anisum</i>	Fruit		4862.0	0.4999573159709243	--
<i>Pimenta dioica</i>	Leaf	1173.0	1399.0	-0.657285112269021	--
<i>Pimenta dioica</i>	Fruit	1100.0	1235.0	-0.6017068965285103	--
<i>Phytolacca americana</i>	Shoot	440.0	5238.0	0.8385396264218817	--
<i>Phytelephas aequatorialis</i>	Mesocarp	120.0	505.0		KOZIOL & PEDERSEN. 1993. PHYTELEPHAS AEQUATORIALIS(ARECACEAE) IN HUMAN AND ANIMAL NUTRITION. ECON. BOT. 47:401-307.
<i>Phytelephas aequatorialis</i>	Flower	850.0	2910.0	-0.33616838893452544	KOZIOL & PEDERSEN. 1993. PHYTELEPHAS AEQUATORIALIS(ARECACEAE) IN HUMAN AND ANIMAL NUTRITION. ECON. BOT. 47:401-307.
<i>Physalis peruviana</i>	Fruit	550.0	4215.0	0.30343767288100587	--
<i>Physalis angulata</i>	Fruit	1350.0	13500.0	3.123661608104951	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<i>Physalis ixocarpa</i>	Fruit	400.0	30250.0	8.211303063678573	--
<i>Phyllanthus emblica</i>	Fruit	200.0	1390.0	-0.5546272293276797	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Phyllanthus acidus	Fruit	200.0	2442.0	-0.23509297193881695	--
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.
Phoenix dactylifera	Fruit	370.0	8795.0	1.69456590371845	--
Phoenix dactylifera	Seed		1120.0	-1.1187018222711056	Abstract (See species file)
Phaseolus acutifolius	Seed	2800.0	4050.0	-0.34442290148094507	--
Phaseolus vulgaris	Leaf	750.0	5682.0	0.1307311101991161	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Phaseolus coccineus	Fruit	1600.0	2770.0	-0.13546632134609168	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Phaseolus lunatus	Seed	1130.0	9000.0	0.9636592343249576	--
Phaseolus vulgaris	Sprout Seedling	370.0	3978.0	-1.1151930397583163	USDA's Ag Handbook 8 and sequelae)
Phaseolus vulgaris	Fruit	370.0	13500.0	3.123661608104951	--
Phaseolus lunatus	Leaf		360.0	-0.8484475813664748	--
Phaseolus vulgaris	Seed	2130.0	5880.0	0.13917110024123713	--
Phaseolus lunatus	Sprout Seedling	3820.0	10611.0	2.046625909896273	--
Phaseolus coccineus	Seed	3280.0	4046.0	-0.34547993755028317	--
Peucedanum decursivum	Plant	2800.0	3100.0	-0.2348176747746121	--
Petroselinum crispum	Shoot				--
Petroselinum crispum	Plant	324.0	4100.0	0.2457194116609105	--
Petasites japonicus	Pt	120.0	2180.0	-1.0071283821276042	USDA's Ag Handbook 8 and sequelae)
Petasites japonicus	Plant	400.0	1800.0	-0.8595158871407913	Chem. & Pharm. Bull. 38: 2205.
Persea americana	Plant	260.0	3030.0	-0.2684552708250987	--
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.
Persea americana	Cr	260.0	3030.0		--
Perilla frutescens	Seed	330.0	5339.0	-0.00379302813674132	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Perilla frutescens</i>	Leaf	730.0	5214.0	0.044625204965614285	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<i>Perideridia gairdneri</i>	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.
<i>Pereskia aculeata</i>	Fruit	90.0	3025.0	-0.05801267530601564	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<i>Peperomia pelucida</i>	Leaf	340.0	4360.0	-0.11249967338782704	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<i>Peperomia pereskiaifolia</i>	Leaf	400.0	2665.0	-0.42435759939377893	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<i>Peganum harmala</i>	Plant		600.0	-1.4361603908634184	--
<i>Pastinaca sativa</i>	Root	400.0	7365.0	0.6759989120394251	--
<i>Passiflora foetida</i>	Fruit	480.0	2665.0	-0.16735899912729948	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<i>Passiflora incarnata</i>	Flower	407.0	3700.0	-0.0040175766326249985	--
<i>Passiflora quadrangularis</i>	Fruit	170.0	3035.0	-0.054975277422091094	--
<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>Passiflora edulis</i>	Seed		6400.0	0.27658578925519056	Morton, J.F., Major Medicinal Plants. 1977. Atlas of Medicinal Plants of Middle America. Bahamas to Yucatan. 1981.
<i>Passiflora incarnata</i>	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.
<i>Passiflora ligularis</i>	Fruit	300.0	6095.0	0.8744684750588212	--
<i>Passiflora edulis</i>	Fruit	480.0	2570.0	-0.19621427902458272	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<i>Passiflora quadrangularis</i>	Seed	390.0	1800.0	-0.9390056904836281	--
<i>Parthenium integrifolium</i>	Root	96.0	600.0	-0.5126745948607405	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Papaver somniferum	Seed	8290.0	9277.0	1.0368589821266212	--
Panicum maximum	Leaf		5600.0	0.11564417808555381	--
Panax quinquefolius	Plant	2700.0	5200.0	0.7743102067399853	--
Panax ginseng	Root	112.0	528.0	-0.5253256654441569	--
Pachyrhizus erosus	Tuber	180.0	1660.0	-0.7180636251627609	--
Pachira macrocarpa	Seed	2860.0	3025.0	-0.615288394248834	--
Oxalis tuberosa	Root	340.0	2099.0	-0.2492863336865575	--
Oryza sativa	Plant	600.0	3478.0	-0.05317465610198457	--
Oryza sativa	Seed	528.0	5588.0	0.0620074671795556	--
Origanum vulgare	Plant	1769.0	2402.0	-0.5702325611066069	USDA's Ag Handbook 8 and sequelae)
Origanum majorana	Plant	2670.0	3725.0	0.06551800424758951	USDA's Ag Handbook 8 and sequelae)
Opuntia ficus-indica	Fruit	320.0	1985.0	-0.3739020552341689	--
Opuntia ficus-indica	Bud		243.0	-1.0	Laferriere, J.E., 1988, Nutricomp Program, Nutricomp Database; reviewed in J. Ethnobiology 9(1):27-29.
Opuntia ficus-indica	Seed		1605.0	-0.9905361988638606	Laferriere, J.E., 1988, Nutricomp Program, Nutricomp Database; reviewed in J. Ethnobiology 9(1):27-29.
Olea europaea	Leaf		900.0	-0.7490946137893574	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Olea europaea	Fruit	170.0	780.0	-0.7399085002470773	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Oenothera biennis	Plant	1700.0	3700.0	0.05350457708670144	--
Oenothera biennis	Seed	4100.0	7257.0	0.5030557671108792	--
Ocimum basilicum	Leaf	380.0	5235.0	0.04848893148250219	--
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

Plant	Part	Low PPM	High PPM	StdDev	Reference
Nyssa sylvatica	Leaf	300.0	2184.0	-0.5128553353282114	--
Nyssa sylvatica	Stem	90.0	1056.0	-1.0821093545214413	--
Nepeta cataria	Plant	289.0	2410.0	-0.5663882644151227	--
Nelumbo nucifera	Rhizome	1000.0	4785.0	0.14066169286845265	--
Nelumbo nucifera	Fruit	2940.0	3267.0	0.015492353484958482	--
Nelumbo nucifera	Seed	590.0	7130.0	0.4694948719093944	--
Nasturtium officinale	Herb	600.0	12000.0	1.0	--
Myristica fragrans	Seed	2130.0	2400.0	-0.7804502800829126	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Myristica fragrans	Aril	1000.0	1100.0	-1.325160187171999	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Myrica cerifera	Bark				--
Myrciaria dubia	Fruit	150.0	2835.0	-0.1157232351005821	--
Myrciaria cauliflora	Fruit	90.0	1030.0	-0.6639735531489636	--
Musa x paradisiaca	Leaf		2400.0	-0.47311414829736437	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Musa x paradisiaca	Fruit	110.0	1127.0	-0.6345107936748954	--
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.
Musa x paradisiaca	Pith		100.0		ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Murraya sp	Fruit	290.0	1040.0	-0.660936155265039	--
Murraya koenigii	Leaf	6000.0	17800.0	2.36028529742043	--
Muntingia calabura	Fruit	720.0	3965.0	0.22750272578289213	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Mucuna pruriens	Seed	3200.0	4700.0	-0.1726545402135033	--
Morus alba	Leaf	2400.0	4500.0	-0.08674149660857437	--
Morus alba	Fruit	320.0	3200.0	-0.004858212337336008	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Moringa oleifera	Fruit	500.0	4235.0	0.309512468648855	USDA's Ag Handbook 8 and sequelae)
Moringa oleifera	Shoot	1120.0	5250.0	0.8439806405575019	USDA's Ag Handbook 8 and sequelae)
Moringa oleifera	Leaf	700.0	2800.0	-0.39951935749949974	USDA's Ag Handbook 8 and sequelae)
Morinda citrifolia	Leaf	150.0	670.0	-0.7914116184981296	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Momordica charantia	Leaf	540.0	33467.0	5.2428092659958	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Momordica charantia	Fruit	320.0	8333.0	1.5542381214811356	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Mimulus glabratus	Shoot	520.0	5200.0	0.8213097483257511	--
Mimosa pudica	Leaf	530.0	1700.0	-0.6019050321936278	--
Mentha pulegium	Plant		2520.0	-0.5135291849072152	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
Mentha x piperita	Leaf	1150.0	7720.0	0.5056965693142372	--
Mentha spicata	Plant	600.0	4706.0	0.5369248860408372	--
Melilotus indica	Plant		3500.0	-0.04260284020040307	--
Melicoccus bijugatas	Fruit	98.0	925.0	-0.6958662309301713	--
Melia azedarach	Leaf	220.0	2300.0	-0.49151284599683054	--
Medicago sativa	Plant	282.0	1500.0	-1.003677013071448	--
Mauritia flexuosa	Fruit	270.0	585.0	-0.7991377589836061	J Cell Biochem VOL. 22=1995
Maranta arundinacea	Root	180.0	561.0	-0.5195272580934244	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Manilkara zapota	Fruit	100.0	530.0	-0.8158434473451911	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Manihot esculenta	Leaf	560.0	2800.0	-0.39951935749949974	--
Manihot esculenta	Root	310.0	2225.0	-0.2271469601655788	--
Mangifera indica	Leaf	720.0	3800.0	-0.21553238050483775	--
Mangifera indica	Fruit	103.0	1050.0	-0.6578987573811144	--
Mammea americana	Fruit	78.0	925.0	-0.6958662309301713	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Malva sylvestris	Leaf	360.0	5000.0	0.005251991888756623	--
Malva parviflora	Plant	670.0	4891.0	0.6258242470314088	--
Malus domestica	Fruit	68.0	925.0	-0.6958662309301713	--
Malpighia glabra	Fruit	110.0	1280.0	-0.5880386060508498	--
Macadamia spp	Seed	1015.0	1750.0	-0.9522186413503544	USDA's Ag Handbook 8 and sequelae)
Lycopersicon esculentum	Fruit	110.0	8400.0	1.57458868730343	--
Lycopersicon esculentum	Leaf		5500.0	0.09724548038608762	--
Lycium chinense	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.
Lycium chinense	Leaf	430.0	4135.0	-0.153896743211626	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Lupinus mutabilis	Seed	6350.0	7100.0	0.4615671013893586	--
Lupinus mutabilis	Fruit	1680.0	5875.0	0.807645721612481	--
Lupinus albus	Seed	4400.0	4900.0	-0.11980273674659814	--
Luffa aegyptiaca	Leaf	330.0	14141.0	1.687076948596962	--
Luffa aegyptiaca	Fruit	190.0	6400.0	0.96710911051852	--
Luffa aegyptiaca	Seed		18300.0	3.4212680955360475	--
Lobelia inflata	Leaf	174.0	1540.0	-0.6313429485127736	--
Liquidambar styraciflua	Stem	60.0	2880.0	0.27778554962871027	--
Liquidambar styraciflua	Leaf	360.0	2952.0	-0.3715533369963111	--
Linum usitatissimum	Seed	3961.0	20335.0	3.9590351958118073	--
Linum usitatissimum	Hay		1110.0		CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Limonia acidissima	Fruit	800.0	3605.0	0.1181564019616083	--
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.



Plant	Part	Low PPM	High PPM	StdDev	Reference
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.
Lepidium sativum	Leaf	760.0	7170.0	0.4045037319671731	--
Lepidium meyenii	Root		1830.0	-0.29655213906071043	--
Lepidium sativum	Seed	16500.0	17500.0	3.2098608816684266	--
Lens culinaris	Sprout Seedling	1610.0	6165.0	-0.07269371171752223	USDA's Ag Handbook 8 and sequelae)
Lens culinaris	Seed	2420.0	5275.0	-0.02070560524615097	--
Larrea tridentata	Plant	375.0	1140.0	-1.1766703641882361	--
Lantana camara	Shoot		1500.0	-0.8563362768238063	--
Lagenaria siceraria	Fruit	130.0	2915.0	-0.0914240520291857	--
Lactuca sativa	Leaf	108.0	13920.0	1.6464158266811415	--
Lablab purpureus	Seed	490.0	4800.0	-0.14622863848005072	--
Lablab purpureus	Fruit	600.0	3409.0	0.0586234034366871	--
Kalmia latifolia	Leaf		1100.0	-0.7122972183904249	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Justicia pectoralis	Leaf	350.0	2335.0	-0.4850733018020174	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Juniperus communis	Fruit	279.0	900.0	-0.7034597256399827	--
Juniperus virginiana	Shoot	228.0	3168.0	-0.10003531197260028	--
Juglans nigra	Hull Husk		1070.0	1.0	--
Juglans regia	Seed	2800.0	5100.0	-0.06695093327969298	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Juglans cinerea	Seed	4085.0	4834.0	-0.13724383189067685	--
Juglans nigra	Fruit		1070.0	-0.6518239616132653	--
Juglans nigra	Seed	4475.0	5880.0	0.13917110024123713	--
Juglans nigra	Pericarp	128.0	1070.0		--
Ipomoea batatas	Leaf	300.0	6090.0	0.2057977968129382	--
Ipomoea aquatica	Leaf	420.0	12360.0	1.3593961425694687	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Ipomoea batatas</i>	Root	261.0	2000.0	-0.26668155573875507	--
<i>Inula helenium</i>	Root	330.0	1500.0	-0.3545362125680356	--
<i>Inula helenium</i>	Plant				--
<i>Inga edulis</i>	Seed		1280.0	-1.0764203794975815	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<i>Inga feuillei</i>	Aril	300.0	1875.0	0.2348385141823803	J Cell Biochem VOL. 22=1995
<i>Hylocereus undatus</i>	Fruit	260.0	1665.0	-0.47109878751975454	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<i>Hydrastis canadensis</i>	Root	341.0	1230.0	-0.401977727255847	--
<i>Hydrangea arborescens</i>	Root	2450.0	7000.0	0.6118650125540502	--
<i>Humulus lupulus</i>	Fruit		4760.0	0.4689758575548939	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
<i>Humulus lupulus</i>	Flower	885.0	4760.0	0.44165313354460856	--
<i>Hordeum vulgare</i>	Seed	1890.0	9200.0	1.0165110377918627	Jim Duke's personal files.*
<i>Hordeum vulgare</i>	Plant	2300.0	6900.0	1.5912232536803737	Jim Duke's personal files.*
<i>Hordeum vulgare</i>	Stem		5950.0	2.566643749048099	--
<i>Hibiscus sabdariffa</i>	Leaf	480.0	6458.0	0.2735050043469738	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<i>Hibiscus sabdariffa</i>	Flower	110.0	1000.0	-1.1392165553859557	--
<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>Hibiscus sabdariffa</i>	Seed		6000.0	0.17088218232138022	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<i>Helianthus annuus</i>	Seed	6930.0	7450.0	0.5540577574564426	--
<i>Helianthus tuberosus</i>	Tuber	660.0	5200.0	1.3911427637816502	Bonness, M. S., Promising new drugs from plants: poisons that heal, Herbarist, #56, 1990, 59-68
<i>Harpagophytum procumbens</i>	Root	134.0	707.0	-0.49387369829927447	--
<i>Gymnema sylvestre</i>	Leaf	561.0	2950.0	-0.37192131095030045	--
<i>Glycyrrhiza glabra</i>	Root	124.0	790.0	-0.47928982526561387	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Glycine max	Sprout Seedling	580.0	4891.0	-0.6799841296068554	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Glycine max	Fruit	2250.0	7305.0	1.2419936190136918	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Glycine max	Seed	1580.0	8040.0	0.7099705776838129	--
Glycine max	Plant	2400.0	5410.0	0.8752229948914451	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Gliricidia sepium	Flower	370.0	2645.0	-0.44758606647883387	--
Gliricidia sepium	Leaf	340.0	2220.0	-0.5062318041564036	--
Gleditsia triacanthos	Seed		3200.0	-0.569043066215292	--
Glechoma hederacea	Plant	2100.0	3500.0	-0.04260284020040307	Chem. & Pharm. Bull. 38: 2205.
Ginkgo biloba	Seed	1240.0	3268.0	-0.5510734530365442	--
Ginkgo biloba	Leaf	1440.0	6000.0	0.1892389688834186	--
Gentiana lutea	Root	594.0	2700.0	-0.14368503617776215	--
Genipa americana	Fruit	580.0	3000.0	-0.06560617001582703	--
Garcinia mangostana	Fruit	100.0	685.0	-0.7687637801443605	--
Fucus vesiculosus	Plant	294.0	2490.0	-0.5279452975002809	--
Frangula purshiana	Bark	158.0	570.0	-0.5349997224798418	--
Fragaria spp	Fruit	185.0	3191.0	-0.007591870432868103	--
Foeniculum vulgare	Fruit	4449.0	5960.0	0.8334636036258397	--
Foeniculum vulgare	Seed	644.0	5960.0	0.1603118216279992	--
Foeniculum vulgare	Plant	510.0	5100.0	0.7262564980964331	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Ficus carica	Fruit	129.0	2764.0	-0.13728876007644641	--
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.
Fallopia japonica	Plant	2300.0	2800.0	-0.3789788007052689	Chem. & Pharm. Bull. 38: 2205.
Fagopyrum esculentum	Seed	2820.0	3200.0	-0.569043066215292	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Euphrasia officinalis</i>	Plant	323.0	2100.0	-0.7153547612101347	--
<i>Eupatorium perfoliatum</i>	Plant	360.0	4000.0	0.19766570301735822	--
<i>Eupatorium odoratum</i>	Leaf		4350.0	-0.11433954315777366	Tramil
<i>Eugenia brasiliensis</i>	Fruit	136.0	950.0	-0.6882727362203599	--
<i>Eugenia floribunda</i>	Fruit	90.0	700.0	-0.7642076833184737	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<i>Eugenia uniflora</i>	Fruit	90.0	815.0	-0.7292776076533414	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<i>Erythroxylum coca</i>	Leaf	3630.0	9740.0	0.8773502628434544	--
<i>Erythrina berteroana</i>	Shoot	800.0	5060.0	0.7578312500768489	--
<i>Erythrina fusca</i>	Leaf	400.0	2220.0	-0.5062318041564036	--
<i>Eryngium floridanum</i>	Shoot		3215.0	-0.07872467327475456	--
<i>Eriodictyon californicum</i>	Leaf	2332.0	10600.0	1.0355790630588637	--
<i>Eriobotrya japonica</i>	Fruit	140.0	2667.0	-0.16675151955051457	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<i>Equisetum arvense</i>	Plant	407.0	1900.0	-0.811462178497239	--
<i>Ephedra sinica</i>	Plant	678.0	3230.0	-0.17234785353799417	--
<i>Ephedra nevadensis</i>	Plant		5000.0	0.6782027894528808	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<i>Elytrigia repens</i>	Plant	2800.0	9510.0	2.845425049277088	--
<i>Eleutherococcus senticosus</i>	Root	1470.0	7000.0	0.6118650125540502	--
<i>Elettaria cardamomum</i>	Seed	1780.0	1941.0	-0.90174516903946	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<i>Elettaria cardamomum</i>	Fruit	1600.0	2000.0	-0.3693459584082821	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<i>Eleocharis dulcis</i>	Tuber	650.0	4075.0	0.7208441232272823	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<i>Elaeis guineensis</i>	Fruit	440.0	3100.0	-0.035232191176581516	--
<i>Elaeagnus umbellatus</i>	Fruit	380.0	2355.0	-0.26151833352896053	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Elaeagnus commutata</i>	Fruit	200.0	1450.0	-0.5364028420241324	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<i>Echinacea</i> spp	Root		790.0	-0.47928982526561387	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
<i>Echinacea purpurea</i>	Root	198.0	790.0	-0.47928982526561387	--
<i>Durio zibethinus</i>	Fruit	380.0	2010.0	-0.36630856052435756	--
<i>Dipsacus fullonum</i>	Plant		5400.0	0.8704176240270899	--
<i>Diospyros virginiana</i>	Fruit	260.0	730.0	-0.7550954896667	--
<i>Diospyros virginiana</i>	Stem	132.0	2592.0	0.06306530160500212	--
<i>Diospyros digyna</i>	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.
<i>Diospyros virginiana</i>	Leaf	450.0	1500.0	-0.6387024275925601	--
<i>Dioscorea bulbifera</i>	Tuber	290.0	1000.0	-1.11130549428799	--
<i>Dioscorea</i> sp.	Root		1730.0	-0.3141230704265665	--
<i>Dioscorea alata</i>	Root	48.0	2190.0	-0.23329678614362845	--
<i>Dioscorea pentaphylla</i>	Root	340.0	1830.0	-0.29655213906071043	--
<i>Dioscorea villosa</i>	Root	415.0	1730.0	-0.3141230704265665	--
<i>Daucus carota</i>	Root	340.0	5090.0	0.2762602234661987	--
<i>Cyrtosperma chamissonis</i>	Root	140.0	790.0	-0.47928982526561387	--
<i>Cypripedium pubescens</i>	Root		1230.0	-0.401977727255847	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
<i>Cyphomandra betacea</i>	Fruit	130.0	3400.0	0.055889745341155005	--
<i>Cynara cardunculus</i>	Flower	860.0	6240.0	1.0639103515279158	--
<i>Cymbopogon citratus</i>	Plant		2140.0	-0.6961332777527138	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
<i>Cydonia oblonga</i>	Fruit	150.0	1049.0	-0.6582024971695069	--
<i>Cyclanthera pedata</i>	Fruit	260.0	5615.0	0.7286733766304427	--
<i>Cyamopsis tetragonoloba</i>	Fruit		500.0	-0.8249556409969647	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses

Plant	Part	Low PPM	High PPM	StdDev	Reference
Cyamopsis tetragonoloba	Shoot	1600.0	2855.0	-0.24195509734336013	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Cyamopsis tetragonoloba	Leaf		2700.0	-0.41791805519896574	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Curcuma longa	Plant	725.0	2340.0	-0.6000258604656092	--
Curcuma longa	Rhizome	640.0	6307.0	1.0401873086070448	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Cuminum cyminum	Seed	4900.0	5673.0	0.0844694836529903	--
Cuminum cyminum	Fruit	4900.0	5673.0	0.7462902843572051	--
Cucurbita spp	Fruit	350.0	5540.0	0.7058928925010086	--
Cucurbita pepo	Flower	490.0	10100.0	2.686824447078974	USDA's Ag Handbook 8 and sequelae)
Cucurbita foetidissima	Root		220.0	-0.5794441340509937	Laferriere, J.E., 1988, Nutricomp Program, Nutricomp Database; reviewed in J. Ethnobiology 9(1):27-29.
Cucurbita pepo	Seed	10600.0	12982.0	2.015938641351039	--
Cucurbita foetidissima	Leaf		2600.0	-0.43631675289843197	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Cucurbita pepo	Fruit	440.0	5238.0	0.6141634764064872	USDA's Ag Handbook 8 and sequelae)
Cucumis sativus	Fruit	158.0	12600.0	2.850295798551741	--
Cucumis melo	Fruit	121.0	2640.0	-0.17495249383711084	--
Crescentia alata	Seed	9680.0	10020.0	1.233203432006174	--
Crataegus rhipidophylla	Fruit		1450.0	-0.5364028420241324	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
Crataegus laevigata	Fruit	405.0	1450.0	-0.5364028420241324	--
Corylus avellana	Seed	2900.0	4622.0	-0.1932667435655963	--
Cornus florida	Seed		1500.0	-1.0182833956839858	--
Coriandrum sativum	Fruit	3907.0	4687.0	0.4468028530022447	USDA's Ag Handbook 8 and sequelae)
Coriandrum sativum	Leaf	720.0	6452.0	0.27240108248500583	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Corchorus olitorius	Leaf	830.0	6755.0	0.3281491365143884	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Commelina benghalensis</i>	Leaf	520.0	3770.0	-0.2210519898146776	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<i>Colubrina texensis</i>	Shoot		1700.0	-0.7656527078968032	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<i>Colocasia esculenta</i>	Leaf	490.0	5800.0	0.1524415734844862	--
<i>Colocasia esculenta</i>	Root	460.0	5204.0	0.29629108522327463	--
<i>Cola acuminata</i>	Seed	860.0	2318.0	-0.8021195195043437	--
<i>Coix lacryma-jobi</i>	Seed	500.0	5000.0	-0.09337683501314556	--
<i>Coffea arabica</i>	Seed	1780.0	1900.0	-0.9125797887501755	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<i>Coffea arabica</i>	Leaf	1700.0	1816.0	-0.580562542862247	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<i>Cocos nucifera</i>	Seed	830.0	2400.0	-0.7804502800829126	--
<i>Coccinia grandis</i>	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.
<i>Cnidioscolus chayamansa</i>	Leaf	540.0	4100.0	-0.16033628740643915	--
<i>Cnicus benedictus</i>	Plant	359.0	2700.0	-0.42703250934882114	--
<i>Citrus sinensis</i>	Fruit	136.0	1980.0	-0.3754207541761312	--
<i>Citrus aurantiifolia</i>	Fruit	110.0	2000.0	-0.3693459584082821	--
<i>Citrus reticulata</i>	Fruit	90.0	1385.0	-0.5561459282696419	--
<i>Citrus paradisi</i>	Fruit	76.0	5280.0	0.6269205475189703	--
<i>Citrus limon</i>	Fruit	100.0	1979.0	-0.3757244939645237	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<i>Citrus aurantium</i>	Fruit	120.0	1600.0	-0.4908418737652641	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<i>Citrus mitis</i>	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.
<i>Citrullus lanatus</i>	Seed	8300.0	14600.0	2.443509731398302	--
<i>Citrullus lanatus</i>	Fruit	1.0	2900.0	-0.09598014885507253	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Cinnamomum verum	Bark	674.0	1100.0	-0.09218371064072212	--
Cinnamomum burmannii	Bark		1600.0	0.325567243924485	--
Cinnamomum sieboldii	Root Bark		800.0		--
Cinnamomum aromaticum	Bark		1000.0	-0.17573390155376353	--
Cinnamomum sieboldii	Bark		1500.0	0.24201705301144358	--
Cimicifuga racemosa	Root	437.0	2080.0	-0.2526248106460702	--
Cichorium intybus	Root	610.0	3050.0	-0.0821867763972658	--
Cichorium intybus	Leaf	210.0	4284.0	-0.12648268363942136	--
Cichorium endivia	Leaf	242.0	5760.0	0.14508209440469974	--
Cicer arietinum	Seed	3540.0	4275.0	-0.2849646225806768	USDA's Ag Handbook 8 and sequelae)
Chrysophyllum cainito	Fruit	160.0	985.0	-0.6776418436266239	--
Chrysanthemum parthenium	Leaf	902.0	5010.0	0.0070918616587032435	--
Chrysanthemum coronarium	Bud	320.0	4300.0	1.0	--
Chrysanthemum parthenium	Plant		5010.0	0.683008160317236	--
Chrysanthemum cinerariifolium	Shoot		2400.0	-0.44826021665229215	--
Chrysanthemum coronarium	Leaf	340.0	5230.0	0.047568996597528876	--
Chondrus crispus	Plant		1800.0	-0.8595158871407913	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
Chenopodium ambrosioides	Leaf	520.0	3585.0	-0.2550895805586901	--
Chenopodium album	Seed		4160.0	-0.31535440957414723	--
Chenopodium album	Leaf	720.0	36833.0	5.862109430559832	--
Chamissoa altissima	Leaf	165.0	1660.0	-0.6092645112734142	Tramil
Chamaemelum nobile	Flower		3220.0	-0.2058307284109949	--
Centella asiatica	Leaf	300.0	2800.0	-0.39951935749949974	--
Cenchrus biflorus	Seed	2700.0	2990.0	-0.6245374598555424	--
Ceiba pentandra	Seed	9700.0	12690.0	1.9387750082893578	--
Caulophyllum thalictroides	Root	1716.0	15600.0	2.122965110017675	--



Plant	Part	Low PPM	High PPM	StdDev	Reference
Castanea mollissima	Seed	940.0	1774.0	-0.9458764249343258	--
Castanea dentata	Seed	960.0	1709.0	-0.9630532610610699	--
Castanea sativa	Seed	490.0	1122.0	-1.1181733042364366	--
Cassia tora	Sprout Seedling		5700.0	-0.2943499474463605	--
Casimiroa edulis	Fruit	180.0	1000.0	-0.6730857468007372	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Carya illinoensis	Seed	2890.0	3340.0	-0.5320468037884584	--
Carya glabra	Shoot	8.0	2640.0	-0.3394399339398884	--
Carya ovata	Shoot	110.0	1620.0	-0.8019261354676044	--
Carum carvi	Fruit	5680.0	6302.0	0.9373426112560593	--
Carum carvi	Seed	5650.0	6580.0	0.3241524123754052	--
Carthamus tinctorius	Flower	332.0	2370.0	-0.5632081846851916	--
Carthamus tinctorius	Seed	3100.0	3526.0	-0.4828946265642366	--
Carthamus tinctorius	Plant		3400.0	-0.09065654884395533	--
Carica pentagona	Fruit	140.0	2060.0	-0.3511215711047348	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Carica papaya	Leaf	1420.0	6311.0	0.24645891872875847	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Carica papaya	Fruit	170.0	1260.0	-0.5941134018186989	--
Capsicum frutescens	Fruit	455.0	3794.0	0.17556322196778232	USDA's Ag Handbook 8 and sequelae)
Capsicum annuum	Fruit	784.0	3040.0	-0.053456578480128816	--
Capsella bursa-pastoris	Plant	600.0	7288.0	1.7776716432173565	--
Capparis spinosa	Leaf		1350.0	-0.6663004741417594	Wealth of India.
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.
Canna indica	Root	630.0	2200.0	-0.23153969300704283	--
Canavalia ensiformis	Fruit	100.0	3509.0	0.08899738227593261	--
Canavalia ensiformis	Seed	2700.0	3898.0	-0.384590272115793	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Camellia sinensis	Leaf	3200.0	4150.0	-0.15113693855670607	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Calathea macrosepala	Flower	490.0	6365.0	1.1164658598035329	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Cajanus cajan	Plant		2400.0	-0.571193635279478	--
Cajanus cajan	Fruit	1240.0	4888.0	0.5078545504691282	--
Cajanus cajan	Seed	1270.0	4500.0	-0.22550634368040845	--
Byrsonima crassifolia	Fruit	125.0	100.0	-0.9464515563539467	--
Bupleurum chinense	Root	77.0	700.0	-0.4951036634948844	--
Brosimum alicastrum	Fruit	360.0	2250.0	-0.29341101131016833	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Bromelia pinguin	Shoot	225.0	5000.0	0.7306261793987481	--
Brassica rapa	Root	270.0	5000.0	0.2604463852369282	--
Brassica oleracea var. italica	Leaf	644.0	9090.0	0.7577587277969241	--
Brassica oleracea var. sabellica l.	Leaf	560.0	3600.0	-0.25232977590377015	--
Brassica oleracea var. botrytis l.	Flower	385.0	7375.0	1.5411143666705196	--
Brassica oleracea var. gemmifera	Leaf	690.0	4927.0	-0.0081790574318537	USDA's Ag Handbook 8 and sequelae)
Brassica napus var. napobrassica	Root	290.0	7250.0	0.6557923409686905	--
Brassica rapa	Leaf	370.0	7907.0	0.5401021340122389	USDA's Ag Handbook 8 and sequelae)
Brassica pekinensis	Leaf	4560.0	7560.0	0.4762586529950913	--
Brassica oleracea var. viridis l.	Leaf	160.0	2622.0	-0.4322690394045494	--
Brassica oleracea var. botrytis l.	Leaf	644.0	9090.0	0.7577587277969241	--
Brassica chinensis	Leaf	370.0	7907.0	0.5401021340122389	--
Brassica oleracea	Stem	400.0	5110.0	1.9403763589789504	--
Brassica oleracea var. capitata l.	Leaf	214.0	6500.0	0.2812324573807496	--
Brassica nigra	Leaf	290.0	4563.0	-0.07515031705791066	USDA's Ag Handbook 8 and sequelae)
Borago officinalis	Leaf	530.0	7579.0	0.47975440555798987	USDA's Ag Handbook 8 and sequelae)
Boehmeria nivea	Shoot	1400.0	2400.0	-0.44826021665229215	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Boehmeria nivea	Plant	270.0	700.0	-1.388106682219866	--
Boehmeria nivea	Leaf	450.0	3460.0	-0.27808795268302283	--
Blighia sapida	Seed	700.0	2455.0	-0.7659160341295137	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Blighia sapida	Aril	160.0	2300.0	1.0903216729896206	--
Bixa orellana	Fruit	100.0	641.0	-0.7821283308336285	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Bixa orellana	Seed	2820.0	3490.0	-0.4924079511882795	--
Beta vulgaris	Root	260.0	45580.0	7.390730333501335	--
Beta vulgaris	Leaf	290.0	5946.0	0.17930367212570686	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Bertholletia excelsa	Seed	6000.0	6750.0	0.36907644532227457	--
Berberis vulgaris	Bark		450.0	-0.6352599515754915	--
Berberis vulgaris	Root		450.0	-0.5390309919095246	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
Benincasa hispida	Fruit	70.0	4870.0	0.502387234278064	--
Basella alba	Leaf	520.0	7535.0	0.47165897857022476	--
Barosma betulina	Leaf		6780.0	0.33274881093925496	--
Balanites aegyptiacus	Shoot		3800.0	0.18652476583672947	--
Balanites aegyptiacus	Fruit		4000.0	0.23813361837662805	--
Bacopa monnieri	Shoot		160.0	-1.463916188634727	Wealth of India.
Azadirachta indica	Fruit	2265.0	2400.0	-0.24785004305130007	--
Azadirachta indica	Leaf	1900.0	2400.0	-0.47311414829736437	--
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.
Averrhoa carambola	Fruit	140.0	2100.0	-0.3389719795690366	--
Avena sativa	Seed	500.0	10200.0	1.2807700551263885	Jim Duke's personal files.*
Avena sativa	Plant	618.0	2810.0	-0.3741734298409137	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Astragalus membranaceus	Root	104.0	650.0	-0.5038891291778125	--
Asparagus officinalis	Shoot	390.0	10244.0	3.108349356664769	--
Asparagus officinalis	Root	746.0	7460.0	0.6926912968369884	--
Asimina triloba	Fruit	420.0	2265.0	-0.2888549144842815	--
Arundo donax	Plant		1100.0	-1.195891847645657	--
Artocarpus heterophyllus	Seed	1300.0	2685.0	-0.7051364601425728	--
Artocarpus altilis	Fruit	240.0	1460.0	-0.5333654441402078	--
Artocarpus heterophyllus	Fruit	260.0	1725.0	-0.45287440021620723	--
Artocarpus altilis	Seed	1750.0	5385.0	0.008362886660646867	USDA's Ag Handbook 8 and sequelae)
Artemisia vulgaris	Leaf	400.0	3150.0	-0.33512391555136806	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
Artemisia herba-alba	Plant		1790.0	-0.8643212580051465	--
Artemisia vulgaris	Plant	270.0	700.0	-1.388106682219866	Chem. & Pharm. Bull. 38: 2205.
Artemisia dracunculus	Plant	3130.0	3391.0	-0.09498138262187504	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Arracacia xanthorrhiza	Root	550.0	1900.0	-0.28425248710461115	--
Armoracia rusticana	Root	1278.0	7100.0	0.6294359439199063	--
Areca catechu	Seed	630.0	1892.0	-0.9146938608888517	--
Areca catechu	Shoot		890.0	-1.1329211620511657	--
Arctostaphylos uva-ursi	Leaf	43.0	370.0	-0.8466077115965281	--
Arctium lappa	Root	1027.0	4370.0	0.14974951763203476	--
Aralia cordata	Leaf	250.0	5320.0	0.06412782452704846	--
Arachis hypogaea	Leaf	820.0	3814.0	-0.21295656282691247	--
Arachis hypogaea	Seed	2450.0	4248.0	-0.29209961604870893	--
Arachis hypogaea	Plant	800.0	10000.0	3.080888221630494	--
Apium graveolens	Fruit	979.0	4660.0	0.4386018787156484	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Apium graveolens	Pt	201.0	6849.0	1.363371911682067	--
Apium graveolens	Seed	980.0	6843.0	0.3936525339343855	--
Apium graveolens	Root	470.0	7900.0	0.7700033948467552	USDA's Ag Handbook 8 and sequelae)
Anthriscus cerefolium	Leaf	4500.0	4850.0	-0.022346054660442673	--
Anogeissus latifolia	Leaf		3400.0	-0.28912717130270255	--
Annona squamosa	Fruit	260.0	1600.0	-0.4908418737652641	--
Annona cherimola	Fruit	240.0	1510.0	-0.5181784547205851	--
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.
Annona glabra	Fruit	240.0	1820.0	-0.424019120318924	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Annona reticulata	Fruit	147.0	1475.0	-0.528809347314321	--
Annona muricata	Fruit	210.0	3400.0	0.055889745341155005	--
Angelica sinensis	Root	735.0	3340.0	-0.031231075436283107	--
Anethum graveolens	Fruit	2102.0	3723.0	0.153997696991918	--
Anethum graveolens	Seed	2102.0	3723.0	-0.430835600149335	USDA's Ag Handbook 8 and sequelae)
Anethum graveolens	Plant	600.0	7625.0	1.9396126413461277	--
Ananas comosus	Fruit	60.0	923.0	-0.6964737105069562	--
Anacardium occidentale	Fruit	100.0	3125.0	-0.027638696466770137	--
Anacardium occidentale	Seed	3730.0	6255.0	0.2382682317416843	--
Amphicarpaea bracteata	Shoot		2400.0	-0.44826021665229215	--
Amorphophallus campanulatus	Shoot		8100.0	2.1362214977672958	--
Amorphophallus konjac	Root		39.0	-0.6112475198231933	--
Amorphophallus campanulatus	Root	320.0	3020.0	-0.08745805580702264	--
Amorphophallus konjac	Leaf	70.0	2692.0	-0.41938995101492305	--
Amaranthus spinosus	Leaf	500.0	4600.0	-0.06834279890910817	--
Amaranthus sp.	Leaf	487.0	10082.0	0.9402738089756288	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Althaea officinalis</i>	Root	277.0	2560.0	-0.1682843400899607	--
<i>Alpinia galanga</i>	Rhizome	250.0	1773.0	-1.6394770420886036	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<i>Aloe vera</i>	Leaf	6.0	940.0	-0.7417351347095709	--
<i>Aloe spp.</i>	Leaf	5.0	940.0	-0.7417351347095709	--
<i>Alocasia macrorrhiza</i>	Root	440.0	3125.0	-0.06900857787287373	--
<i>Alocasia macrorrhiza</i>	Leaf	250.0	1400.0	-0.6571011252920264	--
<i>Allium schoenoprasum</i>	Leaf	410.0	6670.0	0.31251024346984213	--
<i>Allium ampeloprasum</i>	Root	500.0	3650.0	0.02323881179787081	--
<i>Allium sativum</i> var. <i>sativum</i>	Flower	460.0	3966.0	0.10782054497788832	--
<i>Allium cepa</i>	Bulb	275.0	4038.0	-1.0	--
<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>Allium sativum</i> var. <i>sativum</i>	Root	1650.0	4460.0	0.16556335586130524	--
<i>Allium ampeloprasum</i>	Leaf	480.0	4528.0	-0.08158986125272383	--
<i>Allium sativum</i> var. <i>sativum</i>	Bulb	880.0	5220.0	1.0	--
<i>Allium sativum</i> var. <i>sativum</i>	Leaf	460.0	3382.0	-0.29243893688860645	--
<i>Allium ampeloprasum</i>	Flower	380.0	2249.0	-0.614081916695989	--
<i>Allium cepa</i>	Leaf	310.0	5513.0	0.09963731108701822	--
<i>Aleurites moluccana</i>	Seed	2000.0	2150.0	-0.8465150344165441	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<i>Albizia lebbek</i>	Seed		6200.0	0.22373398578828538	Wealth of India.
<i>Albizia lebbek</i>	Leaf	300.0	400.0	-0.8410881022866883	Wealth of India.
<i>Agathosma betulina</i>	Leaf		6780.0	0.33274881093925496	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
<i>Aframomum melegueta</i>	Fruit		1900.0	-0.3997199372475276	Wealth of India.
<i>Aegle marmelos</i>	Fruit	500.0	1300.0	-0.5819638102830006	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<i>Actinidia chinensis</i>	Fruit	300.0	3060.0	-0.04738178271227972	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Actaea racemosa	Root		2080.0	-0.2526248106460702	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
Acrocomia totai	Fruit		12000.0	2.6680519255162682	--
Acrocomia totai	Seed		4200.0	-0.3047840488807662	--
Achillea millefolium	Plant	522.0	2950.0	-0.3068982377399405	--
Acalypha indica	Leaf	990.0	5075.0	0.01905101516335627	Wealth of India.
Acacia tortilis	Fruit		3400.0	0.055889745341155005	--
Acacia farnesiana	Seed	2000.0	2700.0	-0.7011725748825549	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Acacia tortilis	Seed		7300.0	0.5144189048562637	--
Acacia senegal	Seed		3100.0	-0.5954689679487446	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Acacia farnesiana	Leaf	840.0	4519.0	-0.08324574404567579	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Acacia tortilis	Leaf		1700.0	-0.6019050321936278	--
Acacia senegal	Leaf		1400.0	-0.6571011252920264	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Acacia catechu	Leaf		1700.0	-0.6019050321936278	--
Abrus precatorius	Leaf	650.0	3095.0	-0.34524319928607444	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
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.
Abelmoschus esculentus	Fruit	630.0	6300.0	0.9367351316792745	USDA's Ag Handbook 8 and sequelae)