

Dr. Duke's Phytochemical and Ethnobotanical Databases

List of Plants for ASH

Plant	Part	Low PPM	High PPM	StdDev	Reference
Brassica pekinensis	Leaf	190000.0	210000.0	1.6059212823519753	--
Malva neglecta	Plant	172500.0	174500.0	0.9663027958450474	--
Anthriscus cerefolium	Leaf	166000.0	178950.0	1.0588584012137332	--
Cyamopsis tetragonoloba	Leaf	144000.0	165000.0	0.8130765270791607	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Boehmeria nivea	Shoot	134000.0	182000.0	1.839201015340348	--
Vigna aconitifolia	Plant	126000.0	138000.0	0.30689442517080334	--
Nicotiana tabacum	Leaf	120000.0	250000.0	2.3106721759278104	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Thymus vulgaris	Plant	113681.0	130809.0	0.17698194315659818	USDA's Ag Handbook 8 and sequelae)
Albizia lebeck	Leaf	101000.0	104000.0	-0.26166858562398787	Wealth of India.
Origanum majorana	Plant	96900.0	123300.0	0.0413244786252859	--
Arundo donax	Plant	92000.0	150000.0	0.5236862182691849	--
Phaseolus acutifolius	Hay	92000.0	123000.0	1.0	--
Rhizophora mangle	Leaf	89000.0	101000.0	-0.3145249026421755	--
Melilotus indica	Plant	85000.0	131000.0	0.1804325458634141	--
Pteridium aquilinum	Rhizome	83000.0	92222.0	-0.2727852331304965	--
Morus alba	Leaf	80000.0	204000.0	1.5002086483155999	--
Foeniculum vulgare	Fruit	79600.0	93026.0	0.9416128327059095	--
Capparis spinosa	Flower	79000.0	140000.0	1.6289278252895272	--
Trachyspermum ammi	Fruit	79000.0	85313.0	0.7418820180085182	--
Tephrosia purpurea	Leaf	77000.0	99600.0	-0.3391911839173297	--
Cenchrus biflorus	Shoot	77000.0	116000.0	0.3108873632606449	--
Pimenta dioica	Leaf	76000.0	89000.0	-0.525950170714926	--
Cyamopsis tetragonoloba	Shoot	75000.0	80000.0	-0.5227382651464656	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Oryza sativa	Plant	75000.0	185800.0	1.17044840101269	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Arachis hypogaea	Plant	73000.0	116000.0	-0.09055719550956291	--
Humulus lupulus	Fruit	70000.0	100000.0	1.1222069856554242	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Origanum vulgare	Plant	69000.0	79720.0	-0.7459910499770033	USDA's Ag Handbook 8 and sequelae)
Pimpinella anisum	Fruit	66000.0	77000.0	0.526613994855476	--
Papaver somniferum	Seed	65450.0	75060.0	0.8175065645162889	--
Quisqualis indica	Seed	65000.0	69519.0	0.6508464168842839	--
Anethum graveolens	Seed	64000.0	84000.0	1.0864005763968383	--
Anethum graveolens	Fruit	64000.0	84000.0	0.707881426838069	--
Olea europaea	Fruit	64000.0	294000.0	6.145904386315856	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Stevia rebaudiana	Leaf	63000.0	130000.0	0.196419495200305	--
Linum usitatissimum	Hay	62000.0	72000.0	-1.0	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Robinia pseudoacacia	Leaf	61000.0	75000.0	-0.7726129834664683	--
Ceiba pentandra	Seed	61000.0	82000.0	1.0262453164683039	--
Hordeum vulgare	Plant	61000.0	235000.0	2.0592947527160543	Jim Duke's personal files.*
Elytrigia repens	Plant	61000.0	78000.0	-0.7770645403211047	--
Pimpinella anisum	Seed	60000.0	100000.0	1.5676426558251149	--
Pisum sativum	Plant	60000.0	191000.0	1.2643915113553221	--
Leonotis nepetaefolia	Seed	59000.0	65000.0	0.5149256070757601	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Cuminum cyminum	Seed	58000.0	89000.0	1.2367887262181747	--
Cuminum cyminum	Fruit	58000.0	89000.0	0.8373581639684924	--
Lepidium sativum	Seed	57000.0	60440.0	0.3777716144387012	--
Carum carvi	Fruit	56460.0	67620.0	0.28371563599880156	--
Daucus carota	Root	56000.0	79000.0	0.32670930617073074	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Glycine max	Plant	55000.0	119000.0	-0.036359247234967515	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Carum carvi	Seed	55000.0	67620.0	0.5937289975821403	--
Brassica juncea	Seed	53000.0	56500.0	0.2592657523794881	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Ficus carica	Leaf	53000.0	167000.0	0.8483140717579525	--
Vetiveria zizanioides	Leaf	53000.0	90000.0	-0.5083313983755301	--
Balanites aegyptiacus	Fruit	52000.0	81000.0	0.6301953845598148	--
Acacia tortilis	Fruit	51000.0	57000.0	0.008707046333782076	--
Limonia acidissima	Seed	50300.0	52290.0	0.1326389302299229	Morton, J.F., Major Medicinal Plants. 1977. Atlas of Medicinal Plants of Middle America. Bahamas to Yucatan. 1981.
Brassica nigra	Seed	50000.0	54112.0	0.18744037202481786	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Terminalia bellirica	Leaf	49000.0	80000.0	-0.6845191217694889	--
Sclerocarya caffra	Seed	48000.0	50000.0	0.06376115761175082	--
Oenothera biennis	Seed	47800.0	78000.0	0.9059347966112347	--
Cucurbita pepo	Seed	47530.0	70000.0	0.6653137568970965	--
Lawsonia inermis	Seed	47500.0	52780.0	0.14737696891241386	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Bixa orellana	Seed	47000.0	54000.0	0.18407167746881994	--
Erythroxylum coca	Leaf	46000.0	96250.0	-0.3982140712543059	--
Tribulus terrestris	Leaf	46000.0	167000.0	0.8483140717579525	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Cannabis sativa	Seed	46000.0	71000.0	0.6953913868613637	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Vanilla planifolia	Fruit	45000.0	97000.0	1.04452094337717	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Sinapis alba</i>	Seed	44145.0	49280.0	0.04210526403747837	--
<i>Medicago sativa</i>	Seed	44000.0	49830.0	0.05864796051782538	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
<i>Zizyphus spina-christi</i>	Fruit	44000.0	49000.0	-0.1984557330748955	--
<i>Pinus pinea</i>	Seed	43000.0	47155.0	-0.0218096996365896	--
<i>Piper nigrum</i>	Fruit	42932.0	60000.0	0.08639308861203618	--
<i>Crocus sativus</i>	Silk Stigma Style	42700.0	133000.0	1.0	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
<i>Sesamum indicum</i>	Seed	42270.0	65000.0	0.5149256070757601	--
<i>Senna obtusifolia</i>	Seed	42000.0	48100.0	0.006613660679642982	--
<i>Aframomum melegueta</i>	Fruit	42000.0	103000.0	1.1998930279336781	--
<i>Anemone coronaria</i>	Seed	41000.0	45000.0	-0.08662699220958558	--
<i>Robinia pseudoacacia</i>	Seed	40000.0	47000.0	-0.026471732281051027	--
<i>Liquidambar styraciflua</i>	Leaf	40000.0	82000.0	-0.6492815770906971	--
<i>Croton tiglium</i>	Seed	40000.0	60000.0	0.3645374572544236	--
<i>Carthamus tinctorius</i>	Seed	40000.0	45000.0	-0.08662699220958558	--
<i>Acacia nilotica</i>	Seed	40000.0	54000.0	0.18407167746881994	--
<i>Rumex crispus</i>	Root	39321.0	153000.0	2.4398154255721667	--
<i>Vigna unguiculata</i>	Seed	39270.0	45132.0	-0.0826567450543023	USDA's Ag Handbook 8 and sequelae)
<i>Theobroma cacao</i>	Fruit	38000.0	90475.0	0.8755538014219674	J Cell Biochem VOL. 22=1995
<i>Nigella sativa</i>	Seed	38000.0	53000.0	0.15399404750455267	--
<i>Symphoricarpos orbiculatus</i>	Stem	38000.0	88000.0	0.9172643481683129	--
<i>Gleditsia triacanthos</i>	Seed	38000.0	40000.0	-0.237015142030922	--
<i>Juniperus virginiana</i>	Shoot	38000.0	88000.0	-0.33748812550044127	--
<i>Crescentia alata</i>	Seed	38000.0	39000.0	-0.26709277199518927	--
<i>Verbascum thapsus</i>	Leaf	37840.0	86000.0	-0.5788064877331136	--
<i>Asclepias syriaca</i>	Seed	37000.0	42000.0	-0.17685988210238743	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Mimosa pudica	Seed	36000.0	54000.0	0.18407167746881994	--
Vigna aconitifolia	Seed	35000.0	56000.0	0.24422693739735452	--
Prosopis juliflora	Seed	35000.0	300000.0	7.583168648678571	--
Pachira macrocarpa	Seed	35000.0	37000.0	-0.3272480319237238	--
Lupinus mutabilis	Seed	35000.0	39000.0	-0.26709277199518927	--
Gossypium sp	Seed	34100.0	47000.0	-0.026471732281051027	--
Peganum harmala	Plant	34000.0	105250.0	-0.28476651016019644	--
Sassafras albidum	Leaf	33000.0	68000.0	-0.8959443898422395	--
Cyamopsis tetragonoloba	Seed	33000.0	43000.0	-0.14678225213812016	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Theobroma bicolor	Seed	33000.0	41725.0	-0.18513123034256093	--
Lupinus albus	Seed	32800.0	36580.0	-0.3398806365087161	--
Vigna angularis	Seed	32600.0	37622.0	-0.3085397460859496	--
Vigna radiata	Seed	32210.0	37609.0	-0.3089307552754851	USDA's Ag Handbook 8 and sequelae)
Moringa oleifera	Seed	32000.0	33333.0	-0.43754270100269194	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Vigna mungo	Seed	32000.0	36000.0	-0.35732566188799114	--
Bertholletia excelsa	Seed	31840.0	35342.0	-0.377116742404479	USDA's Ag Handbook 8 and sequelae)
Opuntia ficus-indica	Seed	31700.0	241000.0	5.808588480786801	--
Quercus alba	Bark	31008.0	136000.0	1.9960678681458295	--
Cucurbita foetidissima	Seed	31000.0	48000.0	0.003605897683216254	--
Phaseolus acutifolius	Seed	31000.0	42000.0	-0.17685988210238743	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Acalypha indica	Leaf	31000.0	159000.0	0.7073638930427855	Wealth of India.
Aleurites moluccana	Seed	30000.0	36000.0	-0.35732566188799114	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Uncaria catechu	Plant	30000.0	50000.0	-1.2829120575506618	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.

Plant	Part	Low PPM	High PPM	StdDev	Reference
Mucuna pruriens	Seed	30000.0	44000.0	-0.11670462217385287	--
Fucus vesiculosus	Plant	29500.0	250000.0	2.3302844940890313	--
Pinus gerardiana	Seed	29000.0	31350.0	-0.4971866412218342	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Sphenostylis stenocarpa	Seed	29000.0	32000.0	-0.47763618174506045	--
Pinus cembroides	Seed	29000.0	30000.0	-0.537791441673595	USDA's Ag Handbook 8 and sequelae)
Prunus serotina	Leaf	29000.0	96000.0	-0.4026187643391549	--
Crataegus rhipidophylla	Fruit	29000.0	31800.0	-0.6438557088035524	--
Canavalia ensiformis	Seed	29000.0	48000.0	0.003605897683216254	--
Larrea tridentata	Plant	28294.0	86000.0	-0.632536678255517	--
Phaseolus coccineus	Seed	28000.0	61000.0	0.39461508721869093	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Manihot esculenta	Leaf	27000.0	135000.0	0.28451335689728435	--
Tamarindus indica	Fruit	27000.0	39358.0	-0.44813867295720416	USDA's Ag Handbook 8 and sequelae)
Rhus copallina	Leaf	27000.0	96000.0	-0.4026187643391549	--
Tamarindus indica	Leaf	26000.0	73000.0	-0.80785052814526	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Helianthus annuus	Seed	26000.0	49300.0	0.04270681663676372	--
Linum usitatissimum	Seed	26000.0	49000.0	0.03368352764748354	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Anethum graveolens	Plant	26000.0	205880.0	1.5332133347973154	--
Phaseolus vulgaris	Leaf	26000.0	177000.0	1.0245017951519113	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Amaranthus spinosus	Leaf	26000.0	240000.0	2.1344844525338518	--
Anacardium occidentale	Seed	26000.0	32000.0	-0.47763618174506045	--
Juglans cinerea	Seed	25150.0	30466.0	-0.5237752661102465	--
Nyssa sylvatica	Leaf	25000.0	91000.0	-0.49071262603613425	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Tamarindus indica	Seed	25000.0	32000.0	-0.47763618174506045	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Aframomum melegueta	Seed	25000.0	105000.0	1.7180308056464513	Wealth of India.
Quercus stellata	Stem	25000.0	84000.0	0.7496428846544227	--
Carya ovata	Shoot	25000.0	90000.0	-0.2911755905889351	--
Rhus copallina	Stem	25000.0	61000.0	-0.21418053055044567	--
Pistacia vera	Seed	24000.0	33000.0	-0.44755855178079296	--
Sassafras albidum	Seed	24000.0	26000.0	-0.6581019615306641	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Terminalia catappa	Seed	24000.0	43000.0	-0.14678225213812016	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Cicer arietinum	Seed	24000.0	28900.0	-0.5708768346342891	USDA's Ag Handbook 8 and sequelae)
Chenopodium ambrosioides	Leaf	24000.0	166000.0	0.8306952994185566	--
Piper auritum	Leaf	24000.0	135000.0	0.28451335689728435	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Quercus velutina	Stem	24000.0	62000.0	-0.17227516467197312	--
Rosmarinus officinalis	Plant	23500.0	75570.0	-0.820964878423527	USDA's Ag Handbook 8 and sequelae)
Peperomia pereskiiifolia	Leaf	23000.0	153335.0	0.6075535477401078	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Moringa oleifera	Leaf	23000.0	92000.0	-0.4730938536967384	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Juglans nigra	Seed	23000.0	27770.0	-0.604864556493911	--
Justicia pectoralis	Leaf	23000.0	153000.0	0.6016512590064101	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Malva parviflora	Plant	23000.0	168000.0	0.8488739079167574	--
Piper betel	Leaf	23000.0	157500.0	0.6809357345336916	--
Equisetum arvense	Plant	22684.0	106000.0	-0.2712170230915476	--
Pinus edulis	Seed	22600.0	27000.0	-0.6280243315663969	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Moringa oleifera	Shoot	22600.0	105900.0	0.07700906195753883	USDA's Ag Handbook 8 and sequelae)
Phaseolus lunatus	Sprout Seedling	22000.0	61000.0	-0.08467155315304167	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Artemisia vulgaris	Leaf	22000.0	173220.0	0.9579028357089948	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Carica papaya	Leaf	22000.0	154000.0	0.619270031345806	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Diospyros virginiana	Stem	22000.0	54000.0	-0.5075180916997535	--
Sechium edule	Leaf	21600.0	122000.0	0.05546931648513796	--
Thymus vulgaris	Leaf	21504.0	128000.0	0.16118195052151324	--
Satureja hortensis	Plant	21100.0	105000.0	-0.28928300584974603	--
Mentha x piperita	Leaf	21009.0	141000.0	0.3902259909336596	--
Momordica charantia	Leaf	21000.0	149000.0	0.5311761696488266	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Rhus glabra	Stem	21000.0	67000.0	0.03725166472038957	--
Prunus dulcis	Seed	21000.0	33022.0	-0.4468968439215791	USDA's Ag Handbook 8 and sequelae)
Boehmeria nivea	Leaf	21000.0	161540.0	0.752115574784851	--
Lens culinaris	Seed	21000.0	30875.0	-0.5114735154548612	--
Santalum acuminatum	Fruit	21000.0	90130.0	0.8666199065599681	--
Tilia sp.	Fruit	21000.0	66000.0	0.24176517316854437	--
Senna alexandrina	Leaf	20097.0	99000.0	-0.34976244732096723	--
Echinacea purpurea	Root	20080.0	80000.0	0.35526479427075014	--
Quercus rubra	Stem	20000.0	66000.0	-0.004653701158082971	--
Liquidambar styraciflua	Stem	20000.0	120000.0	2.258236056279434	--
Carya glabra	Shoot	20000.0	110000.0	0.17194975852612646	--
Perilla frutescens	Leaf	20000.0	143000.0	0.42546353561245137	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Psophocarpus tetragonolobus	Tuber	20000.0	46948.0	-0.7575557655151164	--
Ocimum basilicum	Plant	20000.0	153000.0	0.5778841665437804	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Physalis angulata</i>	Fruit	20000.0	200000.0	3.711741728263894	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<i>Quercus alba</i>	Stem	20000.0	76000.0	0.41439995762664245	--
<i>Ricinus communis</i>	Seed	20000.0	22000.0	-0.7784124813877332	Duke, J. A. Writeups or information summaries on approximately 2,000 economic plants, USDA, ARS, Beltsville, MD 20705.
<i>Solanum melongena</i>	Leaf	20000.0	147000.0	0.49593862497003494	--
<i>Dioscorea villosa</i>	Root	19680.0	82000.0	0.41237577047078894	--
<i>Euphrasia officinalis</i>	Plant	19404.0	126000.0	0.09010263207242175	--
<i>Ruscus aculeatus</i>	Root	19026.0	63000.0	-0.13017850342957962	--
<i>Coriandrum sativum</i>	Leaf	19000.0	153000.0	0.6016512590064101	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<i>Capsella bursa-pastoris</i>	Plant	19000.0	161000.0	0.7224120286093682	--
<i>Limonia acidissima</i>	Fruit	19000.0	192300.0	3.5123475530830417	--
<i>Avena sativa</i>	Seed	19000.0	96000.0	1.4473321359680458	--
<i>Psophocarpus tetragonolobus</i>	Leaf	19000.0	99360.0	-0.34341968927878475	--
<i>Mangifera indica</i>	Leaf	19000.0	133000.0	0.24927581221849263	--
<i>Fagopyrum esculentum</i>	Seed	19000.0	24000.0	-0.7182572214591987	--
<i>Turnera diffusa</i>	Leaf	18900.0	90000.0	-0.5083313983755301	--
<i>Hydrangea arborescens</i>	Root	18900.0	54000.0	-0.3871778963297542	--
<i>Medicago sativa</i>	Plant	18800.0	100000.0	-0.3796129196407384	--
<i>Plantago major</i>	Seed	18600.0	62000.0	0.4246927171829582	--
<i>Frangula purshiana</i>	Bark	18559.0	67000.0	-0.3419190329694244	--
<i>Salix alba</i>	Bark	18480.0	110000.0	1.115087296711096	--
<i>Hydrastis canadensis</i>	Root	18282.0	66000.0	-0.04451203912952142	--
<i>Cucurbita maxima</i>	Leaf	18200.0	129100.0	0.1805626000948487	--
<i>Phytelephas aequatorialis</i>	Mesocarp	18200.0	154295.0		KOZIOL & PEDERSEN. 1993. PHYTELEPHAS AEQUATORIALIS(ARECACEAE) IN HUMAN AND ANIMAL NUTRITION. ECON. BOT. 47:401-307.

Plant	Part	Low PPM	High PPM	StdDev	Reference
Theobroma angustifolium	Seed	18200.0	44600.0	-0.0986580441952925	--
Gentiana lutea	Root	18040.0	82000.0	0.41237577047078894	--
Avena sativa	Plant	18040.0	82000.0	-0.7048006092883108	--
Secale cereale	Seed	18000.0	24650.0	-0.698706761982425	USDA's Ag Handbook 8 and sequelae)
Taraxacum officinale	Leaf	18000.0	205000.0	1.5178274206549958	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Lepidium sativum	Leaf	18000.0	169800.0	0.897646634308261	--
Vigna subterranea	Seed	18000.0	42000.0	-0.17685988210238743	--
Tetragonia tetragonioides	Leaf	18000.0	300000.0	3.1916107928976043	--
Achillea millefolium	Plant	17700.0	100000.0	-0.3796129196407384	--
Cnicus benedictus	Plant	17689.0	133000.0	0.21656451137981103	--
Phytelephas aequatorialis	Flower	17000.0	58220.0	-0.2353821023380264	KOZIOL & PEDERSEN. 1993. PHYTELEPHAS AEQUATORIALIS(ARECACEAE) IN HUMAN AND ANIMAL NUTRITION. ECON. BOT. 47:401-307.
Corylus avellana	Seed	17000.0	50000.0	0.06376115761175082	--
Pothomorphe sp.	Leaf	17000.0	95000.0	-0.42023753667855074	--
Foeniculum vulgare	Plant	17000.0	170000.0	0.8850058734331543	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Cnidioscolus chayamansa	Leaf	17000.0	130000.0	0.196419495200305	--
Pinus echinata	Shoot	17000.0	42000.0	-1.4026764284650826	--
Glycine max	Seed	17000.0	61000.0	0.39461508721869093	--
Abrus precatorius	Leaf	17000.0	81000.0	-0.666900349430093	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Phaseolus vulgaris	Seed	17000.0	62000.0	0.4246927171829582	--
Lycium chinense	Leaf	17000.0	163000.0	0.777838982400369	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Valeriana officinalis	Root	16874.0	143000.0	2.1542605445719727	--
Spinacia oleracea	Plant	16850.0	285700.0	2.9752400785567166	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Urtica dioica</i>	Leaf	16800.0	84000.0	-0.6140440324119054	--
<i>Glycyrrhiza glabra</i>	Root	16799.0	107000.0	1.1262629729712743	--
<i>Castanea mollissima</i>	Seed	16700.0	29726.0	-0.5460327122838042	--
<i>Chamissoa altissima</i>	Leaf	16670.0	166700.0	0.8430284400561338	Tramil
<i>Abelmoschus manihot</i>	Leaf	16100.0	138793.0	0.3513413603806129	--
<i>Caulophyllum thalictroides</i>	Root	16060.0	146000.0	2.239927008872031	--
<i>Centella asiatica</i>	Leaf	16050.0	150000.0	0.5487949419882225	--
<i>Sonchus oleraceus</i>	Leaf	16000.0	235000.0	2.046390590836872	--
<i>Phaseolus coccineus</i>	Fruit	16000.0	28000.0	-0.7422580290226741	Duke, J. A. Writeups or information summaries on approximately 2,000 economic plants, USDA, ARS, Beltsville, MD 20705.
<i>Cenchrus biflorus</i>	Seed	16000.0	18000.0	-0.8987230012448024	--
<i>Cyrtosperma chamissonis</i>	Leaf	16000.0	145545.0	0.4703033112162139	--
<i>Arachis hypogaea</i>	Leaf	16000.0	74000.0	-0.7902317558058641	--
<i>Arachis hypogaea</i>	Seed	16000.0	28000.0	-0.5979467016021296	--
<i>Vigna unguiculata</i>	Seed	16000.0	120000.0	2.1691952551104605	--
<i>Sida rhombifolia</i>	Leaf	16000.0	81000.0	-0.666900349430093	--
<i>Ulex europaeus</i>	Plant	16000.0	34000.0	-1.5719677816818372	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<i>Mentha spicata</i>	Plant	16000.0	140485.0	0.35178839232492654	--
<i>Carya illinoensis</i>	Seed	16000.0	17000.0	-0.9288006312090696	--
<i>Glycine max</i>	Fruit	16000.0	52000.0	-0.12076969079664142	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<i>Commelina benghalensis</i>	Leaf	16000.0	115940.0	-0.05130044389160106	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<i>Humulus lupulus</i>	Flower	15996.0	86000.0	0.3979087975090442	--
<i>Inula helenium</i>	Root	15840.0	72000.0	0.12682088947059497	--
<i>Corchorus olitorius</i>	Leaf	15800.0	151000.0	0.5664137143276184	--
<i>Eriodictyon californicum</i>	Leaf	15620.0	71000.0	-0.8430880728240518	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Castanea dentata	Seed	15600.0	28480.0	-0.5835094392192813	--
Astragalus gummifer	Gum	15000.0	30000.0	-1.0	--
Nyssa sylvatica	Stem	15000.0	44000.0	-0.9265717504844788	--
Brassica oleracea var. sabellica l.	Leaf	15000.0	98500.0	-0.3585718334906652	--
Artocarpus heterophyllus	Seed	15000.0	30990.0	-0.5080145880089704	--
Ferula assa-foetida	Plant	15000.0	100000.0	-0.3796129196407384	--
Phaseolus lunatus	Seed	15000.0	100000.0	1.5676426558251149	--
Rumex crispus	Leaf	15000.0	202703.0	1.4773571005914035	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Beta vulgaris	Leaf	15000.0	250000.0	2.3106721759278104	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Murraya koenigii	Leaf	15000.0	125000.0	0.1083256335033256	--
Morinda citrifolia	Leaf	15000.0	67000.0	-0.9135631621816354	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Platycodon grandiflorum	Root	15000.0	20000.0	-1.3580644917304137	--
Carthamus tinctorius	Plant	15000.0	122000.0	0.01783870103962789	--
Theobroma speciosum	Fruit	15000.0	38460.0	-0.47139269494582825	J Cell Biochem VOL. 22=1995
Mimulus glabratus	Shoot	15000.0	150000.0	1.0982004567562496	--
Artocarpus altilis	Seed	15000.0	85850.0	1.142044191830733	USDA's Ag Handbook 8 and sequelae)
Tabebuia heptaphylla	Bark	14857.0	83000.0	0.20022285714425767	--
Petasites japonicus	Pt	14600.0	26545.0	-1.3494322568823325	USDA's Ag Handbook 8 and sequelae)
Quercus phellos	Stem	14000.0	42000.0	-1.010382482241424	--
Pueraria montana	Root	14000.0	44600.0	-0.6555994844699365	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Cajanus cajan	Seed	14000.0	46000.0	-0.056549362245318306	--
Blighia sapida	Seed	14000.0	104000.0	1.687953175682184	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Basella alba	Leaf	14000.0	202900.0	1.4808279987422646	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Erythrina fusca	Leaf	14000.0	76000.0	-0.7549942111270724	--
Aesculus hippocastanum	Seed	14000.0	30000.0	-0.537791441673595	--
Ginkgo biloba	Seed	14000.0	38000.0	-0.29717040195945654	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Simmondsia chinensis	Seed	14000.0	16000.0	-0.958878261173337	--
Portulaca oleracea	Herb	14000.0	159090.0	-1.0	--
Tropaeolum majus	Shoot	14000.0	102200.0	-0.008669127628747558	--
Anredera baselloides	Tuber	14000.0	93335.0	0.8908401351238305	Wealth of India.
Silybum marianum	Leaf	13860.0	63000.0	-0.9840382515392189	--
Brassica oleracea var. gemmifera	Leaf	13700.0	97818.0	-0.37058783622613317	USDA's Ag Handbook 8 and sequelae)
Annona diversifolia	Fruit	13700.0	48070.0	-0.22253840618115428	Morton, J.F., Major Medicinal Plants. 1977. Atlas of Medicinal Plants of Middle America. Bahamas to Yucatan. 1981.
Salvia officinalis	Leaf	13659.0	87000.0	-0.5611877153937178	--
Cichorium endivia	Leaf	13590.0	240000.0	2.1344844525338518	--
Yucca baccata	Root	13520.0	65000.0	-0.07306752722954081	--
Rubus idaeus	Leaf	13520.0	80000.0	-0.6845191217694889	--
Harpagophytum procumbens	Root	13490.0	71000.0	0.09826540137057557	--
Capsicum annuum	Fruit	13416.0	52000.0	-0.12076969079664142	--
Chrysanthemum coronarium	Bud	13400.0	180110.0	-1.0	--
Smilax spp	Root	13230.0	63000.0	-0.13017850342957962	--
Smilax officinalis	Root	13230.0	63000.0	-0.13017850342957962	--
Scutellaria lateriflora	Plant	13152.0	96000.0	-0.4518768506735323	--
Myrica cerifera	Bark	13080.0	60000.0	-0.5791061098941602	--
Stellaria media	Plant	13031.0	157000.0	0.6501480975765742	--
Ipomoea aquatica	Leaf	13000.0	212500.0	1.649968213200465	--
Colocasia esculenta	Leaf	13000.0	155000.0	0.636888803685202	--
Cajanus cajan	Fruit	13000.0	51000.0	-0.1466650382227261	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Nasturtium officinale</i>	Herb	13000.0	179000.0	1.0	--
<i>Inga edulis</i>	Seed	13000.0	35425.0	-0.3746202991174448	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<i>Malva sylvestris</i>	Leaf	13000.0	155000.0	0.636888803685202	--
<i>Calathea macrosepala</i>	Flower	13000.0	168830.0	2.2861552062323294	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<i>Zizyphus jujuba</i>	Seed	13000.0	17000.0	-0.9288006312090696	--
<i>Xanthosoma sagittifolium</i>	Leaf	13000.0	129000.0	0.17880072286090912	--
<i>Allium sativum</i> var. <i>sativum</i>	Root	12950.0	35000.0	-0.9297321702301228	--
<i>Astragalus membranaceus</i>	Root	12800.0	80000.0	0.35526479427075014	--
<i>Rosa canina</i>	Fruit	12716.0	68000.0	0.29355586802071376	--
<i>Eleutherococcus senticosus</i>	Root	12600.0	60000.0	-0.2158449677296378	--
<i>Ulmus rubra</i>	Bark	12464.0	76000.0	-0.03696421978047823	--
<i>Macadamia</i> spp	Seed	12400.0	17000.0	-0.9288006312090696	--
<i>Angelica sinensis</i>	Root	12320.0	56000.0	-0.3300669201297154	--
<i>Castanea sativa</i>	Seed	12300.0	27060.0	-0.6262196737685408	--
<i>Muntingia calabura</i>	Fruit	12000.0	59000.0	0.06049774118595147	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<i>Pouteria viridis</i>	Fruit	12000.0	37975.0	-0.4839519384474793	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<i>Plectranthus amboinicus</i>	Leaf	12000.0	214285.0	1.6814177218262865	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<i>Erythrina berteroana</i>	Shoot	12000.0	76000.0	-0.6153633349694778	--
<i>Blighia sapida</i>	Aril	12000.0	449000.0	1.0	--
<i>Ipomoea batatas</i>	Leaf	12000.0	259000.0	2.4692411269823733	--
<i>Juglans regia</i>	Seed	12000.0	21000.0	-0.8084901113520006	--
<i>Annona cherimola</i>	Seed	12000.0	15500.0	-0.9739170761554706	--
<i>Valerianella locusta</i>	Plant	12000.0	166666.0	0.8247738869173207	--
<i>Anacardium occidentale</i>	Leaf	12000.0	40000.0	-1.3892700153453241	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Ephedra sinica	Plant	11760.0	56000.0	-1.174516161001471	--
Musa x paradisiaca	Shoot	11710.0	158300.0	1.290397476639	Rizk, A.F.M. and Al-Nowaihi, A.S., The Phytochemistry of the Horticultural Plants of Qatar, Scientific and Applied Research Centre, University of Qatar.
Ginkgo biloba	Leaf	11520.0	48000.0	-1.248319836630157	--
Taraxacum officinale	Root	11440.0	80000.0	0.35526479427075014	--
Gymnema sylvestre	Leaf	11400.0	60000.0	-1.0368945685574065	--
Parthenium integrifolium	Root	11040.0	69000.0	0.041154425170536774	--
Chrysanthemum coronarium	Leaf	11000.0	169230.0	0.8876039340748053	--
Rumex acetosa	Leaf	11000.0	110000.0	-0.15595595158761258	--
Sassafras albidum	Stem	11000.0	37000.0	-1.2199093116337867	--
Casimiroa edulis	Seed	11000.0	58000.0	0.30438219732588906	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Solanum torvum	Fruit	11000.0	75000.0	0.47482330000330664	--
Helianthus tuberosus	Tuber	11000.0	115500.0	1.67848958729065	--
Eleocharis dulcis	Tuber	11000.0	60000.0	-0.2937434194884379	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Vicia faba	Seed	11000.0	57900.0	0.3013744343294623	USDA's Ag Handbook 8 and sequelae)
Peperomia pelucida	Leaf	11000.0	141000.0	0.3902259909336596	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Petroselinum crispum	Plant	10823.0	137000.0	0.2888284424126049	--
Bromelia pinguin	Shoot	10700.0	138000.0	0.8203252472872126	--
Armoracia rusticana	Root	10620.0	59000.0	-0.2444004558296572	--
Cynara cardunculus	Flower	10600.0	106000.0	0.8538417707610751	--
Panax ginseng	Root	10600.0	50000.0	-0.5013998487298318	--
Vigna unguiculata	Shoot	10500.0	102740.0	0.0038352567973591037	--
Vigna unguiculata	Shoot	10500.0	102740.0	0.0038352567973591037	USDA's Ag Handbook 8 and sequelae)
Aegle marmelos	Fruit	10400.0	44155.0	-0.32391869135427587	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Murraya sp	Fruit	10090.0	38333.0	-0.474681404068941	--
Musa x paradisiaca	Fruit	10090.0	38333.0	-0.474681404068941	USDA's Ag Handbook 8 and sequelae)
Stachys officinalis	Plant	10080.0	60000.0	-1.102252229968677	--
Bixa orellana	Fruit	10000.0	64100.0	0.19256401305898344	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Raphanus sativus	Root	10000.0	185700.0	3.373579886442801	--
Hibiscus sabdariffa	Leaf	10000.0	111000.0	-0.1383371792482167	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Artocarpus heterophyllus	Fruit	10000.0	37355.0	-0.5000070538516518	--
Acacia farnesiana	Leaf	10000.0	53800.0	-1.146130957061661	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Allium sativum var. sativum	Bulb	10000.0	395000.0	1.0	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Allium sativum var. sativum	Leaf	10000.0	74000.0	-0.7902317558058641	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Brassica juncea	Leaf	10000.0	108695.0	-0.1789484494905242	--
Prunus armeniaca	Seed	10000.0	30000.0	-0.537791441673595	List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Perilla frutescens	Seed	10000.0	85000.0	1.1164782063611056	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Zea mays	Seed	10000.0	90000.0	1.266866356182442	--
Platonia insignis	Fruit	10000.0	40000.0	-0.4315138599096578	--
Lablab purpureus	Fruit	10000.0	56818.0	0.0039940931022346615	--
Alpinia galanga	Rhizome	10000.0	71000.0	-0.6868308798699451	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Rheum rhabarbarum	Leaf	10000.0	194000.0	1.3240209249216413	--
Juniperus communis	Fruit	9920.0	32000.0	-0.6386766393183354	--
Curcuma longa	Plant	9920.0	32000.0	-1.6080997471982341	--
Pastinaca sativa	Root	9800.0	90000.0	0.6408196752709441	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Foeniculum vulgare	Seed	9720.0	90000.0	1.266866356182442	--
Moringa oleifera	Fruit	9700.0	82200.0	0.6612698014711165	USDA's Ag Handbook 8 and sequelae)
Nelumbo nucifera	Rhizome	9700.0	68000.0	-0.7453615056459485	--
Licania platypus	Fruit	9600.0	45480.0	-0.28960735601471366	Morton, J.F., Major Medicinal Plants. 1977. Atlas of Medicinal Plants of Middle America. Bahamas to Yucatan. 1981.
Lens culinaris	Sprout Seedling	9250.0	35833.0	-0.7500410479276718	USDA's Ag Handbook 8 and sequelae)
Brosimum alicastrum	Fruit	9000.0	56250.0	-0.010714464235781446	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Arracacia xanthorrhiza	Root	9000.0	31150.0	-1.0396707994151975	--
Maranta arundinacea	Root	9000.0	37000.0	-0.872621194030084	--
Dioscorea bulbifera	Tuber	9000.0	31000.0	-1.3242795851928264	--
Curcuma longa	Rhizome	9000.0	148000.0	0.8154551817141439	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Nelumbo nucifera	Seed	9000.0	52000.0	0.12391641754028537	--
Allium ampeloprasum	Root	9000.0	66000.0	-0.04451203912952142	--
Cocos nucifera	Seed	9000.0	22000.0	-0.7784124813877332	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Elaeis guineensis	Fruit	9000.0	17000.0	-1.027106850709606	--
Diospyros virginiana	Fruit	9000.0	25280.0	-0.8126933740216246	--
Canna indica	Root	9000.0	53000.0	-0.4157333844297736	--
Hordeum vulgare	Seed	9000.0	132000.0	2.530126814681668	Jim Duke's personal files.*
Annona glabra	Fruit	9000.0	68000.0	0.29355586802071376	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Phoenix dactylifera	Seed	8900.0	18000.0	-0.8987230012448024	--
Cichorium intybus	Root	8900.0	44500.0	-0.6584550332799385	--
Passiflora ligularis	Fruit	8700.0	61900.0	0.1355942487215971	--
Althaea officinalis	Root	8640.0	80000.0	0.35526479427075014	--
Sambucus nigra	Fruit	8600.0	48765.0	-0.2045411397200254	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Apium graveolens	Root	8300.0	100000.0	0.9263745562711385	ACTA AGRIC SCAND SUPPL 22: 1980
Pisum sativum	Seed	8280.0	43138.0	-0.14263153920305127	--
Arctium lappa	Leaf	8200.0	35600.0	-1.466792613638666	Wealth of India.
Dioscorea pentaphylla	Root	8200.0	44180.0	-0.6675927894719447	--
Solanum tuberosum	Tuber	8100.0	85000.0	0.5946498268084486	--
Trifolium pratense	Flower	8100.0	45000.0	-0.5367537976576187	--
Crataegus laevigata	Fruit	8091.0	29000.0	-0.7163626815965894	--
Ribes nigrum	Fruit	8050.0	61100.0	0.11487797078072934	--
Sphenostylis stenocarpa	Root	8000.0	23000.0	-1.2723980274303555	--
Passiflora edulis	Fruit	8000.0	32000.0	-0.6386766393183354	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Passiflora quadrangularis	Seed	8000.0	37000.0	-0.3272480319237238	--
Physalis peruviana	Fruit	8000.0	47000.0	-0.2502464279270649	--
Colocasia esculenta	Root	8000.0	63000.0	-0.13017850342957962	--
Brassica chinensis	Leaf	8000.0	170960.0	0.9180844102219602	--
Allium ampeloprasum	Leaf	8000.0	75000.0	-0.7726129834664683	--
Oxalis tuberosa	Root	8000.0	49000.0	-0.5299553368298512	--
Vicia faba	Fruit	8000.0	54800.0	-0.04826271800360426	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Glycine max	Sprout Seedling	8000.0	58000.0	-0.16398607154315134	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Alocasia macrorrhiza	Leaf	8000.0	17700.0	-1.7821686385138522	--
Brassica rapa	Leaf	8000.0	170960.0	0.9180844102219602	USDA's Ag Handbook 8 and sequelae)
Durio zibethinus	Fruit	8000.0	57895.0	0.03188338228012788	Morton, J.F., Major Medicinal Plants. 1977. Atlas of Medicinal Plants of Middle America. Bahamas to Yucatan. 1981.
Lupinus mutabilis	Fruit	8000.0	28000.0	-0.7422580290226741	--
Mauritia flexuosa	Fruit	8000.0	17390.0	-1.0170076652134328	J Cell Biochem VOL. 22=1995

Plant	Part	Low PPM	High PPM	StdDev	Reference
Sechium edule	Shoot	8000.0	108100.0	0.1279528503601956	--
Rheum rhabarbarum	Pt	8000.0	160000.0	0.30828136199004014	--
Arctium lappa	Root	7990.0	34000.0	-0.9582876583301422	--
Bupleurum chinense	Root	7810.0	71000.0	0.09826540137057557	--
Lactuca sativa	Leaf	7700.0	290000.0	3.0154230695036452	--
Zingiber officinale	Rhizome	7700.0	200000.0	1.829986028498204	--
Beta vulgaris	Root	7600.0	140000.0	2.0685940802719145	--
Cucurbita pepo	Fruit	7500.0	95238.0	0.9988933412124088	--
Phytelephas aequatorialis	Seed	7300.0	59400.0	0.34649087927586325	KOZIOL & PEDERSEN. 1993. PHYTELEPHAS AEQUATORIALIS(ARECACEAE) IN HUMAN AND ANIMAL NUTRITION. ECON. BOT. 47:401-307.
Sorbus aucubaria	Fruit	7300.0	57690.0	0.026574836057780517	--
Persea schiedeana	Fruit	7200.0	38725.0	-0.46453042787791576	Morton, J.F., Major Medicinal Plants. 1977. Atlas of Medicinal Plants of Middle America. Bahamas to Yucatan. 1981.
Bactris gasipaes	Fruit	7200.0	32800.0	-0.6179603613774676	Morton, J.F., Major Medicinal Plants. 1977. Atlas of Medicinal Plants of Middle America. Bahamas to Yucatan. 1981.
Panicum maximum	Leaf	7100.0	160000.0	0.7249826653821814	--
Abelmoschus esculentus	Fruit	7000.0	70000.0	0.3453465628728832	USDA's Ag Handbook 8 and sequelae)
Brassica rapa	Root	7000.0	86000.0	0.5265977228708666	--
Cyclanthera pedata	Fruit	7000.0	122800.0	1.7126209069701552	--
Rollinia mucosa	Fruit	7000.0	30700.0	-0.6723405909722455	Morton, J.F., Major Medicinal Plants. 1977. Atlas of Medicinal Plants of Middle America. Bahamas to Yucatan. 1981.
Allium cepa	Leaf	7000.0	90000.0	-0.5083313983755301	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Dioscorea alata	Root	7000.0	35045.0	-0.9284471732656219	--
Luffa aegyptiaca	Leaf	7000.0	71000.0	-0.8430880728240518	--
Ipomoea batatas	Root	7000.0	36064.0	-0.8993491308917021	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Allium sativum var. sativum	Shoot	7000.0	31000.0	-1.6573953704783664	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Annona squamosa	Fruit	7000.0	40000.0	-0.4315138599096578	--
Brassica oleracea	Stem	7000.0	111110.0	1.8856973536198134	--
Passiflora mollissima	Fruit	7000.0	87500.0	0.7985151428293654	Morton, J.F., Major Medicinal Plants. 1977. Atlas of Medicinal Plants of Middle America. Bahamas to Yucatan. 1981.
Prunus armeniaca	Fruit	7000.0	105000.0	1.2516837227858475	USDA's Ag Handbook 8 and sequelae)
Elaeagnus commutata	Fruit	7000.0	51000.0	-0.1466650382227261	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Morus alba	Fruit	7000.0	72000.0	0.39713725772505254	--
Theobroma bicolor	Fruit	7000.0	89060.0	0.8389118848140575	--
Pouteria caimito	Fruit	7000.0	27070.0	-0.7663407021289329	--
Mirabilis expansa	Root	7000.0	42000.0	-0.729843753529987	--
Oryza sativa	Seed	7000.0	57000.0	0.2743045673616218	--
Cucumis melo	Fruit	6950.0	110000.0	1.381160459916271	--
Schisandra chinensis	Fruit	6900.0	46000.0	-0.2761417753531496	--
Apium graveolens	Seed	6720.0	106294.0	1.7569512588202132	--
Apium graveolens	Fruit	6720.0	32000.0	-0.6386766393183354	--
Brassica oleracea var. botrytis l.	Flower	6600.0	121250.0	1.2014906628657485	--
Lablab purpureus	Seed	6400.0	52762.0	0.14683557157305704	--
Citrus mitis	Fruit Juice	6200.0	62000.0		Morton, J.F., Major Medicinal Plants. 1977. Atlas of Medicinal Plants of Middle America. Bahamas to Yucatan. 1981.
Sambucus canadensis	Fruit	6150.0	32918.0	-0.6149047103811897	USDA's Ag Handbook 8 and sequelae)
Psophocarpus tetragonolobus	Seed	6120.0	80863.0	0.9920470511989319	--
Annona cherimola	Fruit	6100.0	34000.0	-0.5868859444661659	--
Cyphomandra betacea	Fruit	6100.0	71000.0	0.37124191029896786	--
Eupatorium perfoliatum	Plant	6030.0	67000.0	-0.9757903506612878	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Spondias purpurea	Fruit	6000.0	34000.0	-0.5868859444661659	--
Physalis ixocarpa	Fruit	6000.0	82000.0	0.6560907319858995	--
Coriandrum sativum	Seed	6000.0	6600.0	-1.2416079828374493	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Gliricidia sepium	Flower	6000.0	69000.0	0.01036577024481813	--
Byrsonima crassifolia	Fruit	6000.0	34885.0	-0.5639685619940811	--
Ribes rubrum	Fruit	6000.0	75000.0	0.47482330000330664	--
Nepeta cataria	Plant	6000.0	50000.0	-1.2829120575506618	--
Brassica oleracea var. capitata l.	Leaf	6000.0	98072.0	-0.3661126680519266	--
Sicana odorifera	Fruit	6000.0	47620.0	-0.23419131252289238	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Hylocereus undatus	Fruit	6000.0	38460.0	-0.47139269494582825	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Solanum quitoensis	Fruit	6000.0	73000.0	0.4230326051511373	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Passiflora foetida	Fruit	6000.0	33335.0	-0.6041063505045123	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Allium sativum var. sativum	Flower	6000.0	52000.0	-0.3771772570194079	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Asparagus officinalis	Shoot	6000.0	171000.0	1.5844820733270641	--
Apium graveolens	Pt	6000.0	219000.0	1.0411508948922918	--
Pteridium aquilinum	Leaf	6000.0	68965.0	-0.8789422745347224	--
Zizyphus jujuba	Fruit	6000.0	35000.0	-0.5609905970400813	--
Vigna unguiculata	Fruit	6000.0	49383.0	-0.18853781501070507	USDA's Ag Handbook 8 and sequelae)
Ullucus tuberosus	Root	6000.0	44000.0	-0.6727327773299482	--
Arctostaphylos uva-ursi	Seed	6000.0	33000.0	-0.44755855178079296	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Canavalia ensiformis	Fruit	6000.0	53000.0	-0.09487434337055671	--
Phaseolus vulgaris	Fruit	6000.0	156000.0	2.572346441516167	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Xanthosoma sagittifolium	Root	6000.0	146000.0	2.239927008872031	--
Aralia cordata	Leaf	6000.0	127660.0	0.15519156792611863	--
Asimina triloba	Fruit	6000.0	22000.0	-0.8976301135791823	--
Persea americana	Fruit	6000.0	56000.0	-0.017188301092302623	--
Pouteria campechiana	Fruit	6000.0	23000.0	-0.8717347661530976	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Capsicum frutescens	Fruit	6000.0	65000.0	0.21586982574245966	--
Cichorium intybus	Leaf	6000.0	180000.0	1.0773581121700988	USDA's Ag Handbook 8 and sequelae)
Elaeagnus umbellatus	Fruit	5900.0	31945.0	-0.6401008834267701	--
Brassica nigra	Leaf	5830.0	99722.0	-0.3370416936919234	USDA's Ag Handbook 8 and sequelae)
Arctostaphylos uva-ursi	Leaf	5800.0	50000.0	-1.2130822919513653	--
Cyrtosperma chamissonis	Root	5700.0	35925.0	-0.9033183437376048	--
Lycopersicon esculentum	Fruit	5700.0	105461.0	1.2636214779492727	--
Brassica napus var. napobrassica	Root	5700.0	90000.0	0.6408196752709441	ACTA AGRIC SCAND SUPPL 22: 1980
Prunus salicifolia	Fruit	5600.0	35345.0	-0.5520567021780821	Morton, J.F., Major Medicinal Plants. 1977. Atlas of Medicinal Plants of Middle America. Bahamas to Yucatan. 1981.
Pisum sativum	Fruit	5600.0	55391.0	-0.032958567674788206	--
Artocarpus altilis	Fruit	5600.0	33400.0	-0.6024231529218168	USDA's Ag Handbook 8 and sequelae)
Cucurbita spp	Fruit	5550.0	96045.0	1.0197908865852592	--
Lobelia inflata	Leaf	5537.0	49000.0	-1.2307010642907612	--
Brassica oleracea var. viridis l.	Leaf	5500.0	90145.0	-0.5057766763863177	--
Hylocereus guatemalensis	Fruit	5400.0	38860.0	-0.46103455597539433	Morton, J.F., Major Medicinal Plants. 1977. Atlas of Medicinal Plants of Middle America. Bahamas to Yucatan. 1981.
Citrus mitis	Fruit	5400.0	64000.0	0.18997447831637496	Morton, J.F., Major Medicinal Plants. 1977. Atlas of Medicinal Plants of Middle America. Bahamas to Yucatan. 1981.
Carthamus tinctorius	Flower	5320.0	38000.0	-0.6963303382958294	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Trigonella foenum-graecum	Seed	5070.0	39000.0	-0.26709277199518927	--
Feijoa sellowiana	Fruit	5000.0	31250.0	-0.6580981498878989	Morton, J.F., Major Medicinal Plants. 1977. Atlas of Medicinal Plants of Middle America. Bahamas to Yucatan. 1981.
Gliricidia sepium	Leaf	5000.0	33000.0	-1.5126014217210952	--
Manihot esculenta	Root	5000.0	34300.0	-0.9497210119001364	--
Annona reticulata	Fruit	5000.0	11100.0	-1.1798894005235057	--
Phaseolus lunatus	Leaf	5000.0	179000.0	1.059739339830703	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Punica granatum	Fruit	5000.0	35858.0	-0.5387723889485007	USDA's Ag Handbook 8 and sequelae)
Trichosanthes anguina	Fruit	5000.0	92590.0	0.9303224612281364	--
Coccinia grandis	Fruit	5000.0	72465.0	0.40917859427818193	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Mimosa pudica	Leaf	5000.0	71000.0	-0.8430880728240518	--
Ficus carica	Fruit	5000.0	57000.0	0.008707046333782076	--
Solanum melongena	Fruit	5000.0	80000.0	0.6043000371337302	--
Phaseolus vulgaris	Sprout Seedling	5000.0	53763.0	-0.2760046096827829	USDA's Ag Handbook 8 and sequelae)
Pachyrhizus erosus	Tuber	5000.0	46080.0	-0.7884007790265444	--
Citrus aurantium	Fruit	5000.0	64000.0	0.18997447831637496	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Phoenix dactylifera	Fruit	5000.0	44800.0	-0.30721619226445124	--
Psidium cattleianum	Fruit	5000.0	44000.0	-0.327932470205319	--
Spondias pinnata	Fruit	5000.0	52000.0	-0.12076969079664142	--
Annona muricata	Fruit	5000.0	38000.0	-0.4833045547618272	--
Cucurbita pepo	Flower	4800.0	98970.0	0.6935813306629863	USDA's Ag Handbook 8 and sequelae)
Casimiroa edulis	Fruit	4800.0	27777.0	-0.7480326914986911	--
Vaccinium macrocarpon	Fruit	4800.0	40000.0	-0.4315138599096578	--
Plantago psyllium	Seed	4796.0	22000.0	-0.7784124813877332	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Mangifera indica	Fruit	4700.0	29140.0	-0.7127373329569376	--
Actinidia chinensis	Fruit	4500.0	41600.0	-0.3900813040279223	--
Psidium guajava	Fruit	4300.0	43200.0	-0.34864874814618674	--
Lagenaria siceraria	Fruit	4300.0	96400.0	1.0289837349215192	--
Vitis vinifera	Fruit	4290.0	77000.0	0.526613994855476	--
Citrus sinensis	Fruit	4100.0	36920.0	-0.5112715299819987	--
Rubus chamaemorus	Fruit	4100.0	31250.0	-0.6580981498878989	--
Triticum aestivum	Seed	4000.0	12000.0	-1.0791887810304062	--
Momordica charantia	Fruit	4000.0	142000.0	2.2098115775509815	--
Tropaeolum tuberosum	Root	4000.0	57000.0	-0.301511432029696	--
Prunus cerasus	Fruit	4000.0	48000.0	-0.2243510805009802	--
Carica pentagona	Fruit	4000.0	58825.0	0.05596605538638665	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Passiflora quadrangularis	Fruit	4000.0	71000.0	0.37124191029896786	--
Allium schoenoprasum	Leaf	4000.0	128000.0	0.16118195052151324	--
Allium cepa	Bulb	4000.0	63000.0	-1.0	--
Luffa aegyptiaca	Fruit	4000.0	80000.0	0.6043000371337302	--
Inga feuillei	Aril	4000.0	25000.0	-1.0	J Cell Biochem VOL. 22=1995
Ribes uva-crispa	Fruit	4000.0	183000.0	3.271520822020454	--
Chrysobalanus icaco	Fruit	4000.0	58000.0	0.034602393759866776	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Phyllanthus acidus	Fruit	4000.0	70000.0	0.3453465628728832	--
Syzygium jambos	Fruit	4000.0	28385.0	-0.7322883202636316	--
Allium ampeloprasum	Flower	4000.0	24000.0	-1.0154834195722509	--
Phyllanthus emblica	Fruit	4000.0	25000.0	-0.8199440713009283	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Spondias dulcis	Fruit	4000.0	31000.0	-0.6645719867444201	--
Manilkara zapota	Fruit	4000.0	24000.0	-0.845839418727013	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses

Plant	Part	Low PPM	High PPM	StdDev	Reference
Prunus persica	Fruit	4000.0	150000.0	2.416974356959659	--
Eriobotrya japonica	Fruit	4000.0	44000.0	-0.327932470205319	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Eugenia brasiliensis	Fruit	4000.0	27210.0	-0.7627153534892811	--
Spondias mombin	Fruit	4000.0	35000.0	-0.5609905970400813	--
Sechium edule	Fruit	4000.0	57145.0	0.012461871710564358	--
Symphytum officinale	Leaf	3960.0	36000.0	-1.4597451047029075	--
Fragaria spp	Fruit	3900.0	52065.0	-0.1190864932139459	--
Citrus reticulata	Fruit	3900.0	31525.0	-0.6509769293457256	ACTA AGRIC SCAND SUPPL 22: 1980
Rubus idaeus	Fruit	3880.0	30815.0	-0.6693626260182457	Revised USDA data received 1993.
Vaccinium myrtillus	Fruit	3840.0	48000.0	-0.2243510805009802	--
Prunus domestica	Fruit	3810.0	170000.0	2.934881305481353	--
Serenoa repens	Fruit	3770.0	29000.0	-0.7163626815965894	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
Vigna radiata	Sprout Seedling	3750.0	53025.0	-0.2955159812067499	USDA's Ag Handbook 8 and sequelae)
Diospyros digyna	Fruit	3700.0	29210.0	-0.7109246586371117	Morton, J.F., Major Medicinal Plants. 1977. Atlas of Medicinal Plants of Middle America. Bahamas to Yucatan. 1981.
Cucumis sativus	Fruit	3670.0	140000.0	2.158020882698812	--
Juglans nigra	Pericarp	3480.0	29000.0		--
Melicoccus bijugatas	Fruit	3400.0	27000.0	-0.7681533764487589	--
Passiflora incarnata	Flower	3190.0	29000.0	-0.9015001762592432	--
Amorphophallus campanulatus	Root	3100.0	66000.0	-0.04451203912952142	--
Chrysanthemum parthenium	Leaf	3060.0	17000.0	-1.7945017791514293	--
Citrus paradisi	Fruit	3050.0	110000.0	1.381160459916271	--
Polymnia edulis	Root	3000.0	67000.0	-0.01595655102950202	--
Quararibea cordata	Fruit	3000.0	25850.0	-0.7979330259887563	--
Syzygium cumini	Fruit	3000.0	40000.0	-0.4315138599096578	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Opuntia ficus-indica</i>	Fruit	3000.0	27000.0	-0.7681533764487589	--
<i>Chrysophyllum cainito</i>	Fruit	3000.0	22000.0	-0.8976301135791823	--
<i>Pereskia aculeata</i>	Fruit	3000.0	94000.0	0.9668349010989159	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<i>Benincasa hispida</i>	Fruit	3000.0	76925.0	0.5246718437985197	--
<i>Alocasia macrorrhiza</i>	Root	3000.0	30975.0	-1.0446680098327008	--
<i>Averrhoa bilimbi</i>	Fruit	3000.0	68965.0	0.3185448782868855	Morton, J.F., Major Medicinal Plants. 1977. Atlas of Medicinal Plants of Middle America. Bahamas to Yucatan. 1981.
<i>Carica papaya</i>	Fruit	2970.0	22000.0	-0.8976301135791823	--
<i>Asparagus officinalis</i>	Root	2900.0	29000.0	-1.101065098830239	--
<i>Brassica oleracea</i> var. <i>botrytis</i> l.	Leaf	2800.0	101708.0	-0.30205081182588317	--
<i>Brassica oleracea</i> var. <i>italica</i>	Leaf	2800.0	101708.0	-0.30205081182588317	--
<i>Ananas comosus</i>	Fruit	2800.0	36000.0	-0.5350952496139966	--
<i>Pyrus communis</i>	Fruit	2720.0	40000.0	-0.4315138599096578	--
<i>Averrhoa carambola</i>	Fruit	2600.0	52000.0	-0.12076969079664142	--
<i>Vaccinium vitis-idaea</i>	Fruit	2500.0	18000.0	-1.0012115032835212	--
<i>Zingiber officinale</i>	Root	2450.0	35000.0	-0.9297321702301228	--
<i>Malus domestica</i>	Fruit	2300.0	43000.0	-0.3538278176314037	--
<i>Hibiscus sabdariffa</i>	Flower	2200.0	20000.0	-1.1066700142226569	--
<i>Vaccinium corymbosum</i>	Fruit	2070.0	13845.0	-1.1088066718389031	--
<i>Genipa americana</i>	Fruit	2000.0	37000.0	-0.5091999021879119	--
<i>Myrciaria cauliflora</i>	Fruit	2000.0	24000.0	-0.845839418727013	--
<i>Garcinia mangostana</i>	Fruit	2000.0	13140.0	-1.1270628917742929	Morton, J.F., Major Medicinal Plants. 1977. Atlas of Medicinal Plants of Middle America. Bahamas to Yucatan. 1981.
<i>Sclerocarya caffra</i>	Fruit	2000.0	24000.0	-0.845839418727013	--
<i>Myrciaria dubia</i>	Fruit	2000.0	33335.0	-0.6041063505045123	--
<i>Eugenia floribunda</i>	Fruit	2000.0	16000.0	-1.0530021981356905	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses

Plant	Part	Low PPM	High PPM	StdDev	Reference
Amorphophallus konjac	Leaf	2000.0	77000.0	-0.7373754387876765	--
Citrus aurantiifolia	Fruit	2000.0	3800.0	-1.3689254367339239	--
Malpighia glabra	Fruit	2000.0	42000.0	-0.3797231650574884	--
Pourouma cecropiaefolia	Fruit	2000.0	11110.0	-1.1796304470492447	J Cell Biochem VOL. 22=1995
Anacardium occidentale	Fruit	2000.0	28000.0	-0.7422580290226741	--
Eugenia uniflora	Fruit	2000.0	35715.0	-0.5424754236304308	--
Prunus serotina	Stem	1900.0	54000.0	-0.5075180916997535	--
Mammea americana	Fruit	1700.0	23070.0	-0.8699220918332717	--
Syzygium malaccense	Fruit	1000.0	47000.0	-0.2502464279270649	--
Quercus suber	Cork	1000.0	40000.0		--
Chrysanthemum cinerariifolium	Shoot		71000.0	-0.7311446722482432	--
Maclura pomifera	Leaf		99600.0	-0.3391911839173297	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Maclura pomifera	Wood		3300.0	-0.586480687305161	Smith, J. L. and Perino, J. V. 1981. Osage Orange (Maclura pomifera): History and Economic Uses. Economic Botany 35(1): 24-41
Spirulina spp.	Plant		43000.0	-1.4093739368580511	--
Abelmoschus esculentus	Seed		47400.0	-0.014440680295344115	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Ocimum tenuiflorum	Plant		97500.0	-0.42477787653623456	--
Spartium junceum	Stem		44000.0	-0.9265717504844788	--
Ocimum tenuiflorum	Seed		2000.0	-1.379965080673079	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Cyrtopodium pubescens	Root		58000.0	-0.2729559439296766	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
Agathosma betulina	Leaf		81000.0	-0.666900349430093	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
Lantana camara	Fruit		37000.0	-0.5091999021879119	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Lantana camara	Shoot		102900.0	0.007540259590279596	--
Juglans nigra	Fruit		29000.0	-0.7163626815965894	--
Lantana camara	Stem		35000.0	-1.3037200433907317	--
Vigna aconitifolia	Fruit		144000.0	2.261602272403151	--
Coffea arabica	Seed		37400.0	-0.31521697993801695	--
Vigna aconitifolia	Leaf		138000.0	0.337369673915472	--
Catha edulis	Leaf		16000.0	-1.8121205514908252	--
Berberis vulgaris	Bark		100000.0	0.7762486153900449	--
Gliricidia sepium	Seed		35000.0	-0.3874032918522584	--
Citrullus lanatus	Fruit		30600.0	-0.674930125714854	Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
Albizia lebbek	Seed		42000.0	-0.17685988210238743	Wealth of India.
Capparis spinosa	Leaf		132000.0	0.23165703987909675	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Citrullus lanatus	Seed		62000.0	0.4246927171829582	Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
Eryngium floridanum	Shoot		146900.0	1.026416027643415	--
Secale cereale	Seed		54750.0	0.2066298999420204	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Acacia decurrens	Seed		38000.0	-0.29717040195945654	--
Psidium guajava	Seed		30000.0	-0.537791441673595	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Calotropis sp.	Seed		65500.0	0.5299644220578936	--
Cnicus benedictus	Seed		41000.0	-0.20693751206665473	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Cydonia oblonga	Fruit		3000.0	-1.3896417146747917	--
Lepidium meyenii	Root		50000.0	-0.5013998487298318	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Cydonia oblonga	Seed		13000.0	-1.0491111510661388	--
Cassia tora	Sprout Seedling		99000.0	0.9199790131216808	--
Agave americana	Plant		124000.0	0.053970666556024824	--
Ceratonia siliqua	Fruit		20000.0	-0.9494208084313518	List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Ceratonia siliqua	Seed		30000.0	-0.537791441673595	List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Phytelephas macrocarpa	Seed		15000.0	-0.9889558911376043	--
Juglans nigra	Hull Husk		29000.0	-0.6040404496926218	--
Plantago psyllium	Hull Husk		19800.0	-0.805387266256829	--
Cucurbita foetidissima	Fruit		95000.0	0.9927302485250006	Laferriere, J.E., 1988, Nutricomp Program, Nutricomp Database; reviewed in J. Ethnobiology 9(1):27-29.
Cucurbita foetidissima	Leaf		215000.0	1.6940151440489546	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Passiflora edulis	Seed		18400.0	-0.8866919492590954	Morton, J.F., Major Medicinal Plants. 1977. Atlas of Medicinal Plants of Middle America. Bahamas to Yucatan. 1981.
Acacia senegal	Fruit		71000.0	0.37124191029896786	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Sophora japonica	Seed		39000.0	-0.26709277199518927	--
Cucurbita foetidissima	Root		49000.0	-0.5299553368298512	Laferriere, J.E., 1988, Nutricomp Program, Nutricomp Database; reviewed in J. Ethnobiology 9(1):27-29.
Acacia senegal	Leaf		84000.0	-0.6140440324119054	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Rumex acetosella	Shoot		81000.0	-0.4995819976907125	--
Acacia senegal	Seed		58000.0	0.30438219732588906	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Chrysanthemum parthenium	Plant		171000.0	0.9030718561913528	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Cajanus cajan	Leaf		185000.0	1.1654519738670783	--
Crotalaria juncea	Seed		33000.0	-0.44755855178079296	--
Cajanus cajan	Plant		58000.0	-1.138384195485074	--
Cytisus scoparius	Seed		38000.0	-0.29717040195945654	--
Salix alba	Wood		8700.0	-0.3367176185789884	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Tamarindus indica	Flower		35000.0	-0.7647202842836339	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Hippophae rhamnoides	Fruit		5000.0	-1.3378510198226223	Abstract (See species file)
Citrus limon	Fruit		28000.0	-0.7422580290226741	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
Rhynchosia minima	Shoot		76900.0	-0.5945226942593	--
Barosma betulina	Leaf		81000.0	-0.666900349430093	--
Prosopis juliflora	Fruit		48000.0	-0.2243510805009802	--
Prosopis juliflora	Leaf		85000.0	-0.5964252600725095	--
Aspalathus linearis	Shoot		25000.0	-1.7963329752128847	--
Phaseolus lunatus	Fruit		40000.0	-0.4315138599096578	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Phragmites australis	Rhizome		58000.0	-0.94046359156596	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Phragmites australis	Shoot		108000.0	0.1256372236146203	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Arundo donax	Stem		42000.0	-1.010382482241424	--
Grindelia squarrosa	Seed		34000.0	-0.4174809218165257	--
Piper methysticum	Root		32000.0	-1.0153986345301809	Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
Artemisia absinthium	Seed		66000.0	0.5450032370400273	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Colubrina texensis	Shoot		87000.0	-0.360644392956194	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Phaseolus acutifolius	Fruit		68000.0	0.29355586802071376	Duke, J. A. Writeups or information summaries on approximately 2,000 economic plants, USDA, ARS, Beltsville, MD 20705.
Melilotus alba	Seed		41000.0	-0.20693751206665473	--
Liquidambar styraciflua	Seed		52000.0	0.12391641754028537	--
Schinus molle	Fruit		54700.0	-0.05085225274621273	--
Amorphophallus campanulatus	Shoot		163000.0	1.3992319336810395	--
Cymbopogon citratus	Plant		43000.0	-1.4093739368580511	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
Vitis vinifera	Stem		88000.0	0.9172643481683129	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
Pastinaca sativa	Seed		12000.0	-1.0791887810304062	--
Elettaria cardamomum	Fruit		54000.0	-0.06897899594447202	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Elettaria cardamomum	Seed		58000.0	0.30438219732588906	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Opuntia ficus-indica	Bud		235000.0	1.0	Laferriere, J.E., 1988, Nutricomp Program, Nutricomp Database; reviewed in J. Ethnobiology 9(1):27-29.
Ulex europaeus	Seed		43000.0	-0.14678225213812016	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Bacopa monnieri	Shoot		19000.0	-1.9352705799474033	Wealth of India.
Phoradendron serotinum	Leaf		59000.0	-1.0545133408968024	--
Chrysophyllum cainito	Seed		37500.0	-0.3122092169415902	Morton, J.F., Major Medicinal Plants. 1977. Atlas of Medicinal Plants of Middle America. Bahamas to Yucatan. 1981.
Cuscuta europaea	Plant		80000.0	-0.7409325748047078	List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.

Plant	Part	Low PPM	High PPM	StdDev	Reference
Rosa canina	Seed		22000.0	-0.7784124813877332	List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Terminalia arjuna	Leaf		70900.0	-0.8448499500579915	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Silybum marianum	Plant		63000.0	-1.0480542816940817	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
Acacia tortilis	Leaf		87000.0	-0.5611877153937178	--
Vigna subterranea	Fruit		54000.0	-0.06897899594447202	--
Acacia tortilis	Seed		59000.0	0.33445982729015633	--
Vigna subterranea	Plant		75000.0	-0.8312624885957001	--
Lawsonia inermis	Leaf		148000.0	0.5135573973094308	Duke, J. A. and duCellier, J. L. 1993. CRC Handbook of Alternative Cash Crops. CRC Press. Boca Raton, FL 33431. 536 pp. US \$312.50.
Hydnocarpus kurzii	Seed		49300.0	0.04270681663676372	--
Azadirachta indica	Fruit		39000.0	-0.4574092073357425	--
Azadirachta indica	Leaf		112000.0	-0.12071840690882082	--
Guarea rusbyi	Bark		75000.0	-0.07084808791258336	--
Elaeagnus angustifolia	Seed		24000.0	-0.7182572214591987	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Musa x paradisiaca	Flower		12000.0	-1.2890432035234691	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Musa x paradisiaca	Hull Husk		121000.0	1.409427715949451	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Myrica cerifera	Leaf		127000.0	0.14356317818211736	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Musa x paradisiaca	Leaf		88000.0	-0.5435689430543219	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses

Plant	Part	Low PPM	High PPM	StdDev	Reference
Ocimum sanctum	Seed		2000.0	-1.379965080673079	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Musa x paradisiaca	Pith		6000.0	-1.0	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Amorphophallus konjac	Root		24000.0	-1.243842539330336	--
Musa x paradisiaca	Sprout Seedling		143000.0	2.083258616176623	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Ilex paraguariensis	Leaf		42500.0	-1.3452230844968343	--
Ilex paraguariensis	Seed		13000.0	-1.0491111510661388	--
Sophora secundiflora	Seed		32000.0	-0.47763618174506045	--
Gardenia jasminoides	Seed		25000.0	-0.6881795914949315	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Asclepias syriaca	Latex Exudate		12300.0		--
Vigna mungo	Fruit		122000.0	1.6919046290292874	--
Ceiba pentandra	Wood		59000.0	1.989779114185175	--
Vigna mungo	Plant		126000.0	0.09010263207242175	--
Canarium indicum	Seed		38500.0	-0.28213158697732293	--
Hydnocarpus wightiana	Seed		38300.0	-0.28814711297017637	--
Armoracia rusticana	Plant		200000.0	1.4269853561791084	List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Kalmia latifolia	Leaf		36000.0	-1.4597451047029075	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Cinchona spp	Seed		60000.0	0.3645374572544236	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Nandina domestica	Seed		27000.0	-0.6280243315663969	--
Ageratum conyzoides	Plant		97200.0	-0.4301976713636941	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Cinnamomum verum	Bark		17000.0	-2.036112439574681	Wealth of India.

Plant	Part	Low PPM	High PPM	StdDev	Reference
Zizyphus jujuba	Leaf		86000.0	-0.5788064877331136	--
Cimicifuga racemosa	Root				--
Zizyphus jujuba	Shoot		108000.0	0.1256372236146203	--
Castanea sativa	Leaf		44000.0	-1.3187949259877405	--
Cyamopsis tetragonoloba	Fruit		14000.0	-1.1047928929878599	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Aloe spp.	Leaf				--
Mimosa hostilis	Plant		34400.0	-1.564741388578558	--
Tanacetum parthenium	Plant		171000.0	0.9030718561913528	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
Carica papaya	Seed		88000.0	1.2067110962539076	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Spirulina pratensis	Plant		182000.0	1.1017976665315359	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
Chamaemelum nobile	Flower		62000.0	-0.1492107703933926	--
Jatropha curcas	Seed		45000.0	-0.08662699220958558	--
Cornus florida	Seed		36000.0	-0.35732566188799114	--
Lagenaria siceraria	Seed		44300.0	-0.10768133318457268	--
Mangifera indica	Seed		36600.0	-0.33927908390943073	--
Sorbus aucubaria	Wood		6300.0	-0.4477234269017318	--
Ricinus communis	Leaf		124000.0	0.09070686116392972	Duke, J. A. Writeups or information summaries on approximately 2,000 economic plants, USDA, ARS, Beltsville, MD 20705.
Trifolium pratense	Seed		41000.0	-0.20693751206665473	Laferriere, J.E., 1988, Nutricomp Program, Nutricomp Database; reviewed in J. Ethnobiology 9(1):27-29.
Zea mays	Silk Stigma Style		33000.0	-1.0	--
Trifolium pratense	Shoot		79000.0	-0.5458945326022187	--
Viscum album	Leaf		54000.0	-1.1426072025937817	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Olea europaea</i>	Leaf		61000.0	-1.0192757962180106	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<i>Olea europaea</i>	Twig		85000.0		CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<i>Abies spectabilis</i>	Leaf		40600.0	-1.3786987519416865	Wealth of India.
<i>Abies spectabilis</i>	Wood		2600.0	-0.6188573813992945	Wealth of India.
<i>Berberis vulgaris</i>	Root		100000.0	0.9263745562711385	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
<i>Pterocarpus marsupium</i>	Leaf		75000.0	-0.7726129834664683	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
<i>Tetrapanax papyrifera</i>	Pith		59000.0	1.0	--
<i>Dioscorea sp.</i>	Root		35000.0	-0.9297321702301228	--
<i>Tridax procumbens</i>	Leaf		159000.0	0.7073638930427855	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
<i>Eruca sativa</i>	Seed		48000.0	0.003605897683216254	--
<i>Prunus persica</i>	Bark		63000.0	-0.4774545054978449	--
<i>Rhodymenia palmata</i>	Plant		182000.0	1.1017976665315359	--
<i>Gleditsia triacanthos</i>	Fruit		54000.0	-0.06897899594447202	--
<i>Paullinia cupana</i>	Seed		14200.0	-1.0130179951090181	Abstract (See species file)
<i>Sterculia urens</i>	Gum		59200.0	1.0	--
<i>Vitellaria paradoxa</i>	Seed		18000.0	-0.8987230012448024	--
<i>Chondrus crispus</i>	Plant		150000.0	0.5236862182691849	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
<i>Juncus effusus</i>	Leaf		36000.0	-1.4597451047029075	--
<i>Balanites aegyptiacus</i>	Leaf		127000.0	0.14356317818211736	--
<i>Cedrela odorata</i>	Seed		83000.0	1.0563229464325712	--
<i>Balanites aegyptiacus</i>	Seed		33000.0	-0.44755855178079296	--
<i>Balanites aegyptiacus</i>	Shoot		66000.0	-0.8469260095270086	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Mentha pulegium	Plant		73000.0	-0.867394454112097	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
Paullinia yoko	Bark		61000.0	-0.5452222417620551	--
Acacia catechu	Leaf		98000.0	-0.36738121966036313	--
Diospyros virginiana	Leaf		50000.0	-1.2130822919513653	--
Anogeissus latifolia	Leaf		95000.0	-0.42023753667855074	--
Symphytum officinale	Root		140000.0	2.0685940802719145	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
Hordeum vulgare	Stem		81000.0	0.6239267870190052	--
Acrocomia totai	Fruit		103200.0	1.205072097418895	--
Acrocomia totai	Seed		19800.0	-0.8445832673091213	--
Indigofera tinctoria	Leaf		44000.0	-1.3187949259877405	--
Sesamum indicum	Leaf		124000.0	0.09070686116392972	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Bactris gasipaes	Seed		19000.0	-0.8686453712805351	Morton, J.F., Major Medicinal Plants. 1977. Atlas of Medicinal Plants of Middle America. Bahamas to Yucatan. 1981.
Polygonum multiflorum	Root		70000.0	0.06970991327055617	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
Eryngium creticus	Shoot		194700.0	2.1332856120284123	Laferriere, J.E., 1988, Nutricomp Program, Nutricomp Database; reviewed in J. Ethnobiology 9(1):27-29.
Echinacea spp	Root		80000.0	0.35526479427075014	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
Areca catechu	Seed		15000.0	-0.9889558911376043	--
Betula lenta	Leaf		77000.0	-0.7373754387876765	Jim Duke's personal files.*
Physalis alkekingi	Fruit		5000.0	-1.3378510198226223	--
Areca catechu	Sprout Seedling		10000.0	-1.433018365784906	--